

Pound Square Foot Per Second To Newton Foot Second Conversion Chart

lb-sq.ft/s to N-ft-s Conversion Chart from 1 - 500 with two decimal places

1 Pound Square Foot Per Second is equal to 0.13812336 Newton Foot Second.

Web page url: <https://www.convertfreedom.com/conversion/lb-sq-ft-per-s-to-n-ft-s>, click here for details.

Pound Square Foot Per Second (lb·sq.ft/s)	Newton Foot Second (N·ft·s) Decimal	Newton Foot Second (N·ft·s) Scientific
1	0.13812336	1.3812336e-1
1.01	0.1395045936	1.395045936e-1
1.02	0.1408858272	1.408858272e-1
1.03	0.1422670608	1.422670608e-1
1.04	0.1436482944	1.436482944e-1
1.05	0.145029528	1.45029528e-1
1.06	0.1464107616	1.464107616e-1
1.07	0.1477919952	1.477919952e-1
1.08	0.1491732288	1.491732288e-1
1.09	0.1505544624	1.505544624e-1
1.1	0.151935696	1.51935696e-1
1.11	0.1533169296	1.533169296e-1
1.12	0.1546981632	1.546981632e-1
1.13	0.1560793968	1.560793968e-1
1.14	0.1574606304	1.574606304e-1
1.15	0.158841864	1.58841864e-1
1.16	0.1602230976	1.602230976e-1
1.17	0.1616043312	1.616043312e-1
1.18	0.1629855648	1.629855648e-1
1.19	0.1643667984	1.643667984e-1
1.2	0.165748032	1.65748032e-1
1.21	0.1671292656	1.671292656e-1
1.22	0.1685104992	1.685104992e-1
1.23	0.1698917328	1.698917328e-1
1.24	0.1712729664	1.712729664e-1
1.25	0.1726542	1.726542e-1
1.26	0.1740354336	1.740354336e-1
1.27	0.1754166672	1.754166672e-1
1.28	0.1767979008	1.767979008e-1

1.29	0.1781791344	1.781791344e-1
1.3	0.179560368	1.79560368e-1
1.31	0.1809416016	1.809416016e-1
1.32	0.1823228352	1.823228352e-1
1.33	0.1837040688	1.837040688e-1
1.34	0.1850853024	1.850853024e-1
1.35	0.186466536	1.86466536e-1
1.36	0.1878477696	1.878477696e-1
1.37	0.1892290032	1.892290032e-1
1.38	0.1906102368	1.906102368e-1
1.39	0.1919914704	1.919914704e-1
1.4	0.193372704	1.93372704e-1
1.41	0.1947539376	1.947539376e-1
1.42	0.1961351712	1.961351712e-1
1.43	0.1975164048	1.975164048e-1
1.44	0.1988976384	1.988976384e-1
1.45	0.200278872	2.00278872e-1
1.46	0.2016601056	2.016601056e-1
1.47	0.2030413392	2.030413392e-1
1.48	0.2044225728	2.044225728e-1
1.49	0.2058038064	2.058038064e-1
1.5	0.20718504	2.0718504e-1
1.51	0.2085662736	2.085662736e-1
1.52	0.2099475072	2.099475072e-1
1.53	0.2113287408	2.113287408e-1
1.54	0.2127099744	2.127099744e-1
1.55	0.214091208	2.14091208e-1
1.56	0.2154724416	2.154724416e-1
1.57	0.2168536752	2.168536752e-1
1.58	0.2182349088	2.182349088e-1
1.59	0.2196161424	2.196161424e-1
1.6	0.220997376	2.20997376e-1
1.61	0.2223786096	2.223786096e-1
1.62	0.2237598432	2.237598432e-1
1.63	0.2251410768	2.251410768e-1
1.64	0.2265223104	2.265223104e-1
1.65	0.227903544	2.27903544e-1
1.66	0.2292847776	2.292847776e-1

1.67	0.2306660112	2.306660112e-1
1.68	0.2320472448	2.320472448e-1
1.69	0.2334284784	2.334284784e-1
1.7	0.234809712	2.34809712e-1
1.71	0.2361909456	2.361909456e-1
1.72	0.2375721792	2.375721792e-1
1.73	0.2389534128	2.389534128e-1
1.74	0.2403346464	2.403346464e-1
1.75	0.24171588	2.4171588e-1
1.76	0.2430971136	2.430971136e-1
1.77	0.2444783472	2.444783472e-1
1.78	0.2458595808	2.458595808e-1
1.79	0.2472408144	2.472408144e-1
1.8	0.248622048	2.48622048e-1
1.81	0.2500032816	2.500032816e-1
1.82	0.2513845152	2.513845152e-1
1.83	0.2527657488	2.527657488e-1
1.84	0.2541469824	2.541469824e-1
1.85	0.255528216	2.55528216e-1
1.86	0.2569094496	2.569094496e-1
1.87	0.2582906832	2.582906832e-1
1.88	0.2596719168	2.596719168e-1
1.89	0.2610531504	2.610531504e-1
1.9	0.262434384	2.62434384e-1
1.91	0.2638156176	2.638156176e-1
1.92	0.2651968512	2.651968512e-1
1.93	0.2665780848	2.665780848e-1
1.94	0.2679593184	2.679593184e-1
1.95	0.269340552	2.69340552e-1
1.96	0.2707217856	2.707217856e-1
1.97	0.2721030192	2.721030192e-1
1.98	0.2734842528	2.734842528e-1
1.99	0.2748654864	2.748654864e-1
2	0.27624672	2.7624672e-1
2.01	0.2776279536	2.776279536e-1
2.02	0.2790091872	2.790091872e-1
2.03	0.2803904208	2.803904208e-1
2.04	0.2817716544	2.817716544e-1

2.05	0.283152888	2.83152888e-1
2.06	0.2845341216	2.845341216e-1
2.07	0.2859153552	2.859153552e-1
2.08	0.2872965888	2.872965888e-1
2.09	0.2886778224	2.886778224e-1
2.1	0.290059056	2.90059056e-1
2.11	0.2914402896	2.914402896e-1
2.12	0.2928215232	2.928215232e-1
2.13	0.2942027568	2.942027568e-1
2.14	0.2955839904	2.955839904e-1
2.15	0.296965224	2.96965224e-1
2.16	0.2983464576	2.983464576e-1
2.17	0.2997276912	2.997276912e-1
2.18	0.3011089248	3.011089248e-1
2.19	0.3024901584	3.024901584e-1
2.2	0.303871392	3.03871392e-1
2.21	0.3052526256	3.052526256e-1
2.22	0.3066338592	3.066338592e-1
2.23	0.3080150928	3.080150928e-1
2.24	0.3093963264	3.093963264e-1
2.25	0.31077756	3.1077756e-1
2.26	0.3121587936	3.121587936e-1
2.27	0.3135400272	3.135400272e-1
2.28	0.3149212608	3.149212608e-1
2.29	0.3163024944	3.163024944e-1
2.3	0.317683728	3.17683728e-1
2.31	0.3190649616	3.190649616e-1
2.32	0.3204461952	3.204461952e-1
2.33	0.3218274288	3.218274288e-1
2.34	0.3232086624	3.232086624e-1
2.35	0.324589896	3.24589896e-1
2.36	0.3259711296	3.259711296e-1
2.37	0.3273523632	3.273523632e-1
2.38	0.3287335968	3.287335968e-1
2.39	0.3301148304	3.301148304e-1
2.4	0.331496064	3.31496064e-1
2.41	0.3328772976	3.328772976e-1
2.42	0.3342585312	3.342585312e-1

2.43	0.3356397648	3.356397648e-1
2.44	0.3370209984	3.370209984e-1
2.45	0.338402232	3.38402232e-1
2.46	0.3397834656	3.397834656e-1
2.47	0.3411646992	3.411646992e-1
2.48	0.3425459328	3.425459328e-1
2.49	0.3439271664	3.439271664e-1
2.5	0.3453084	3.453084e-1
2.51	0.3466896336	3.466896336e-1
2.52	0.3480708672	3.480708672e-1
2.53	0.3494521008	3.494521008e-1
2.54	0.3508333344	3.508333344e-1
2.55	0.352214568	3.52214568e-1
2.56	0.3535958016	3.535958016e-1
2.57	0.3549770352	3.549770352e-1
2.58	0.3563582688	3.563582688e-1
2.59	0.3577395024	3.577395024e-1
2.6	0.359120736	3.59120736e-1
2.61	0.3605019696	3.605019696e-1
2.62	0.3618832032	3.618832032e-1
2.63	0.3632644368	3.632644368e-1
2.64	0.3646456704	3.646456704e-1
2.65	0.366026904	3.66026904e-1
2.66	0.3674081376	3.674081376e-1
2.67	0.3687893712	3.687893712e-1
2.68	0.3701706048	3.701706048e-1
2.69	0.3715518384	3.715518384e-1
2.7	0.372933072	3.72933072e-1
2.71	0.3743143056	3.743143056e-1
2.72	0.3756955392	3.756955392e-1
2.73	0.3770767728	3.770767728e-1
2.74	0.3784580064	3.784580064e-1
2.75	0.37983924	3.7983924e-1
2.76	0.3812204736	3.812204736e-1
2.77	0.3826017072	3.826017072e-1
2.78	0.3839829408	3.839829408e-1
2.79	0.3853641744	3.853641744e-1
2.8	0.386745408	3.86745408e-1

2.81	0.3881266416	3.881266416e-1
2.82	0.3895078752	3.895078752e-1
2.83	0.3908891088	3.908891088e-1
2.84	0.3922703424	3.922703424e-1
2.85	0.393651576	3.93651576e-1
2.86	0.3950328096	3.950328096e-1
2.87	0.3964140432	3.964140432e-1
2.88	0.3977952768	3.977952768e-1
2.89	0.3991765104	3.991765104e-1
2.9	0.400557744	4.00557744e-1
2.91	0.4019389776	4.019389776e-1
2.92	0.4033202112	4.033202112e-1
2.93	0.4047014448	4.047014448e-1
2.94	0.4060826784	4.060826784e-1
2.95	0.407463912	4.07463912e-1
2.96	0.4088451456	4.088451456e-1
2.97	0.4102263792	4.102263792e-1
2.98	0.4116076128	4.116076128e-1
2.99	0.4129888464	4.129888464e-1
3	0.41437008	4.1437008e-1
3.01	0.4157513136	4.157513136e-1
3.02	0.4171325472	4.171325472e-1
3.03	0.4185137808	4.185137808e-1
3.04	0.4198950144	4.198950144e-1
3.05	0.421276248	4.21276248e-1
3.06	0.4226574816	4.226574816e-1
3.07	0.4240387152	4.240387152e-1
3.08	0.4254199488	4.254199488e-1
3.09	0.4268011824	4.268011824e-1
3.1	0.428182416	4.28182416e-1
3.11	0.4295636496	4.295636496e-1
3.12	0.4309448832	4.309448832e-1
3.13	0.4323261168	4.323261168e-1
3.14	0.4337073504	4.337073504e-1
3.15	0.435088584	4.35088584e-1
3.16	0.4364698176	4.364698176e-1
3.17	0.4378510512	4.378510512e-1
3.18	0.4392322848	4.392322848e-1

3.19	0.4406135184	4.406135184e-1
3.2	0.441994752	4.41994752e-1
3.21	0.4433759856	4.433759856e-1
3.22	0.4447572192	4.447572192e-1
3.23	0.4461384528	4.461384528e-1
3.24	0.4475196864	4.475196864e-1
3.25	0.44890092	4.4890092e-1
3.26	0.4502821536	4.502821536e-1
3.27	0.4516633872	4.516633872e-1
3.28	0.4530446208	4.530446208e-1
3.29	0.4544258544	4.544258544e-1
3.3	0.455807088	4.55807088e-1
3.31	0.4571883216	4.571883216e-1
3.32	0.4585695552	4.585695552e-1
3.33	0.4599507888	4.599507888e-1
3.34	0.4613320224	4.613320224e-1
3.35	0.462713256	4.62713256e-1
3.36	0.4640944896	4.640944896e-1
3.37	0.4654757232	4.654757232e-1
3.38	0.4668569568	4.668569568e-1
3.39	0.4682381904	4.682381904e-1
3.4	0.469619424	4.69619424e-1
3.41	0.4710006576	4.710006576e-1
3.42	0.4723818912	4.723818912e-1
3.43	0.4737631248	4.737631248e-1
3.44	0.4751443584	4.751443584e-1
3.45	0.476525592	4.76525592e-1
3.46	0.4779068256	4.779068256e-1
3.47	0.4792880592	4.792880592e-1
3.48	0.4806692928	4.806692928e-1
3.49	0.4820505264	4.820505264e-1
3.5	0.48343176	4.8343176e-1
3.51	0.4848129936	4.848129936e-1
3.52	0.4861942272	4.861942272e-1
3.53	0.4875754608	4.875754608e-1
3.54	0.4889566944	4.889566944e-1
3.55	0.490337928	4.90337928e-1
3.56	0.4917191616	4.917191616e-1

3.57	0.4931003952	4.931003952e-1
3.58	0.4944816288	4.944816288e-1
3.59	0.4958628624	4.958628624e-1
3.6	0.497244096	4.97244096e-1
3.61	0.4986253296	4.986253296e-1
3.62	0.5000065632	5.000065632e-1
3.63	0.5013877968	5.013877968e-1
3.64	0.5027690304	5.027690304e-1
3.65	0.504150264	5.04150264e-1
3.66	0.5055314976	5.055314976e-1
3.67	0.5069127312	5.069127312e-1
3.68	0.5082939648	5.082939648e-1
3.69	0.5096751984	5.096751984e-1
3.7	0.511056432	5.11056432e-1
3.71	0.5124376656	5.124376656e-1
3.72	0.5138188992	5.138188992e-1
3.73	0.5152001328	5.152001328e-1
3.74	0.5165813664	5.165813664e-1
3.75	0.5179626	5.179626e-1
3.76	0.5193438336	5.193438336e-1
3.77	0.5207250672	5.207250672e-1
3.78	0.5221063008	5.221063008e-1
3.79	0.5234875344	5.234875344e-1
3.8	0.524868768	5.24868768e-1
3.81	0.5262500016	5.262500016e-1
3.82	0.5276312352	5.276312352e-1
3.83	0.5290124688	5.290124688e-1
3.84	0.5303937024	5.303937024e-1
3.85	0.531774936	5.31774936e-1
3.86	0.5331561696	5.331561696e-1
3.87	0.5345374032	5.345374032e-1
3.88	0.5359186368	5.359186368e-1
3.89	0.5372998704	5.372998704e-1
3.9	0.538681104	5.38681104e-1
3.91	0.5400623376	5.400623376e-1
3.92	0.5414435712	5.414435712e-1
3.93	0.5428248048	5.428248048e-1
3.94	0.5442060384	5.442060384e-1

3.95	0.545587272	5.45587272e-1
3.96	0.5469685056	5.469685056e-1
3.97	0.5483497392	5.483497392e-1
3.98	0.5497309728	5.497309728e-1
3.99	0.5511122064	5.511122064e-1
4	0.55249344	5.5249344e-1
4.01	0.5538746736	5.538746736e-1
4.02	0.5552559072	5.552559072e-1
4.03	0.5566371408	5.566371408e-1
4.04	0.5580183744	5.580183744e-1
4.05	0.559399608	5.59399608e-1
4.06	0.5607808416	5.607808416e-1
4.07	0.5621620752	5.621620752e-1
4.08	0.5635433088	5.635433088e-1
4.09	0.5649245424	5.649245424e-1
4.1	0.566305776	5.66305776e-1
4.11	0.5676870096	5.676870096e-1
4.12	0.5690682432	5.690682432e-1
4.13	0.5704494768	5.704494768e-1
4.14	0.5718307104	5.718307104e-1
4.15	0.573211944	5.73211944e-1
4.16	0.5745931776	5.745931776e-1
4.17	0.5759744112	5.759744112e-1
4.18	0.5773556448	5.773556448e-1
4.19	0.5787368784	5.787368784e-1
4.2	0.580118112	5.80118112e-1
4.21	0.5814993456	5.814993456e-1
4.22	0.5828805792	5.828805792e-1
4.23	0.5842618128	5.842618128e-1
4.24	0.5856430464	5.856430464e-1
4.25	0.58702428	5.8702428e-1
4.26	0.5884055136	5.884055136e-1
4.27	0.5897867472	5.897867472e-1
4.28	0.5911679808	5.911679808e-1
4.29	0.5925492144	5.925492144e-1
4.3	0.593930448	5.93930448e-1
4.31	0.5953116816	5.953116816e-1
4.32	0.5966929152	5.966929152e-1

4.33	0.5980741488	5.980741488e-1
4.34	0.5994553824	5.994553824e-1
4.35	0.600836616	6.00836616e-1
4.36	0.6022178496	6.022178496e-1
4.37	0.6035990832	6.035990832e-1
4.38	0.6049803168	6.049803168e-1
4.39	0.6063615504	6.063615504e-1
4.4	0.607742784	6.07742784e-1
4.41	0.6091240176	6.091240176e-1
4.42	0.6105052512	6.105052512e-1
4.43	0.6118864848	6.118864848e-1
4.44	0.6132677184	6.132677184e-1
4.45	0.614648952	6.14648952e-1
4.46	0.6160301856	6.160301856e-1
4.47	0.6174114192	6.174114192e-1
4.48	0.6187926528	6.187926528e-1
4.49	0.6201738864	6.201738864e-1
4.5	0.62155512	6.2155512e-1
4.51	0.6229363536	6.229363536e-1
4.52	0.6243175872	6.243175872e-1
4.53	0.6256988208	6.256988208e-1
4.54	0.6270800544	6.270800544e-1
4.55	0.628461288	6.28461288e-1
4.56	0.6298425216	6.298425216e-1
4.57	0.6312237552	6.312237552e-1
4.58	0.6326049888	6.326049888e-1
4.59	0.6339862224	6.339862224e-1
4.6	0.635367456	6.35367456e-1
4.61	0.6367486896	6.367486896e-1
4.62	0.6381299232	6.381299232e-1
4.63	0.6395111568	6.395111568e-1
4.64	0.6408923904	6.408923904e-1
4.65	0.642273624	6.42273624e-1
4.66	0.6436548576	6.436548576e-1
4.67	0.6450360912	6.450360912e-1
4.68	0.6464173248	6.464173248e-1
4.69	0.6477985584	6.477985584e-1
4.7	0.649179792	6.49179792e-1

4.71	0.6505610256	6.505610256e-1
4.72	0.6519422592	6.519422592e-1
4.73	0.6533234928	6.533234928e-1
4.74	0.6547047264	6.547047264e-1
4.75	0.65608596	6.5608596e-1
4.76	0.6574671936	6.574671936e-1
4.77	0.6588484272	6.588484272e-1
4.78	0.6602296608	6.602296608e-1
4.79	0.6616108944	6.616108944e-1
4.8	0.662992128	6.62992128e-1
4.81	0.6643733616	6.643733616e-1
4.82	0.6657545952	6.657545952e-1
4.83	0.6671358288	6.671358288e-1
4.84	0.6685170624	6.685170624e-1
4.85	0.669898296	6.69898296e-1
4.86	0.6712795296	6.712795296e-1
4.87	0.6726607632	6.726607632e-1
4.88	0.6740419968	6.740419968e-1
4.89	0.6754232304	6.754232304e-1
4.9	0.676804464	6.76804464e-1
4.91	0.6781856976	6.781856976e-1
4.92	0.6795669312	6.795669312e-1
4.93	0.6809481648	6.809481648e-1
4.94	0.6823293984	6.823293984e-1
4.95	0.683710632	6.83710632e-1
4.96	0.6850918656	6.850918656e-1
4.97	0.6864730992	6.864730992e-1
4.98	0.6878543328	6.878543328e-1
4.99	0.6892355664	6.892355664e-1
5	0.6906168	6.906168e-1
5.01	0.6919980336	6.919980336e-1
5.02	0.6933792672	6.933792672e-1
5.03	0.6947605008	6.947605008e-1
5.04	0.6961417344	6.961417344e-1
5.05	0.697522968	6.97522968e-1
5.06	0.6989042016	6.989042016e-1
5.07	0.7002854352	7.002854352e-1
5.08	0.7016666688	7.016666688e-1

5.09	0.7030479024	7.030479024e-1
5.1	0.704429136	7.04429136e-1
5.11	0.7058103696	7.058103696e-1
5.12	0.7071916032	7.071916032e-1
5.13	0.7085728368	7.085728368e-1
5.14	0.7099540704	7.099540704e-1
5.15	0.711335304	7.11335304e-1
5.16	0.7127165376	7.127165376e-1
5.17	0.7140977712	7.140977712e-1
5.18	0.7154790048	7.154790048e-1
5.19	0.7168602384	7.168602384e-1
5.2	0.718241472	7.18241472e-1
5.21	0.7196227056	7.196227056e-1
5.22	0.7210039392	7.210039392e-1
5.23	0.7223851728	7.223851728e-1
5.24	0.7237664064	7.237664064e-1
5.25	0.72514764	7.2514764e-1
5.26	0.7265288736	7.265288736e-1
5.27	0.7279101072	7.279101072e-1
5.28	0.7292913408	7.292913408e-1
5.29	0.7306725744	7.306725744e-1
5.3	0.732053808	7.32053808e-1
5.31	0.7334350416	7.334350416e-1
5.32	0.7348162752	7.348162752e-1
5.33	0.7361975088	7.361975088e-1
5.34	0.7375787424	7.375787424e-1
5.35	0.738959976	7.38959976e-1
5.36	0.7403412096	7.403412096e-1
5.37	0.7417224432	7.417224432e-1
5.38	0.7431036768	7.431036768e-1
5.39	0.7444849104	7.444849104e-1
5.4	0.745866144	7.45866144e-1
5.41	0.7472473776	7.472473776e-1
5.42	0.7486286112	7.486286112e-1
5.43	0.7500098448	7.500098448e-1
5.44	0.7513910784	7.513910784e-1
5.45	0.752772312	7.52772312e-1
5.46	0.7541535456	7.541535456e-1

5.47	0.7555347792	7.555347792e-1
5.48	0.7569160128	7.569160128e-1
5.49	0.7582972464	7.582972464e-1
5.5	0.75967848	7.5967848e-1
5.51	0.7610597136	7.610597136e-1
5.52	0.7624409472	7.624409472e-1
5.53	0.7638221808	7.638221808e-1
5.54	0.7652034144	7.652034144e-1
5.55	0.766584648	7.66584648e-1
5.56	0.7679658816	7.679658816e-1
5.57	0.7693471152	7.693471152e-1
5.58	0.7707283488	7.707283488e-1
5.59	0.7721095824	7.721095824e-1
5.6	0.773490816	7.73490816e-1
5.61	0.7748720496	7.748720496e-1
5.62	0.7762532832	7.762532832e-1
5.63	0.7776345168	7.776345168e-1
5.64	0.7790157504	7.790157504e-1
5.65	0.780396984	7.80396984e-1
5.66	0.7817782176	7.817782176e-1
5.67	0.7831594512	7.831594512e-1
5.68	0.7845406848	7.845406848e-1
5.69	0.7859219184	7.859219184e-1
5.7	0.787303152	7.87303152e-1
5.71	0.7886843856	7.886843856e-1
5.72	0.7900656192	7.900656192e-1
5.73	0.7914468528	7.914468528e-1
5.74	0.7928280864	7.928280864e-1
5.75	0.79420932	7.9420932e-1
5.76	0.7955905536	7.955905536e-1
5.77	0.7969717872	7.969717872e-1
5.78	0.7983530208	7.983530208e-1
5.79	0.7997342544	7.997342544e-1
5.8	0.801115488	8.01115488e-1
5.81	0.8024967216	8.024967216e-1
5.82	0.8038779552	8.038779552e-1
5.83	0.8052591888	8.052591888e-1
5.84	0.8066404224	8.066404224e-1

5.85	0.808021656	8.08021656e-1
5.86	0.8094028896	8.094028896e-1
5.87	0.8107841232	8.107841232e-1
5.88	0.8121653568	8.121653568e-1
5.89	0.8135465904	8.135465904e-1
5.9	0.814927824	8.14927824e-1
5.91	0.8163090576	8.163090576e-1
5.92	0.8176902912	8.176902912e-1
5.93	0.8190715248	8.190715248e-1
5.94	0.8204527584	8.204527584e-1
5.95	0.821833992	8.21833992e-1
5.96	0.8232152256	8.232152256e-1
5.97	0.8245964592	8.245964592e-1
5.98	0.8259776928	8.259776928e-1
5.99	0.8273589264	8.273589264e-1
6	0.82874016	8.2874016e-1
6.01	0.8301213936	8.301213936e-1
6.02	0.8315026272	8.315026272e-1
6.03	0.8328838608	8.328838608e-1
6.04	0.8342650944	8.342650944e-1
6.05	0.835646328	8.35646328e-1
6.06	0.8370275616	8.370275616e-1
6.07	0.8384087952	8.384087952e-1
6.08	0.8397900288	8.397900288e-1
6.09	0.8411712624	8.411712624e-1
6.1	0.842552496	8.42552496e-1
6.11	0.8439337296	8.439337296e-1
6.12	0.8453149632	8.453149632e-1
6.13	0.8466961968	8.466961968e-1
6.14	0.8480774304	8.480774304e-1
6.15	0.849458664	8.49458664e-1
6.16	0.8508398976	8.508398976e-1
6.17	0.8522211312	8.522211312e-1
6.18	0.8536023648	8.536023648e-1
6.19	0.8549835984	8.549835984e-1
6.2	0.856364832	8.56364832e-1
6.21	0.8577460656	8.577460656e-1
6.22	0.8591272992	8.591272992e-1

6.23	0.8605085328	8.605085328e-1
6.24	0.8618897664	8.618897664e-1
6.25	0.863271	8.63271e-1
6.26	0.8646522336	8.646522336e-1
6.27	0.8660334672	8.660334672e-1
6.28	0.8674147008	8.674147008e-1
6.29	0.8687959344	8.687959344e-1
6.3	0.870177168	8.70177168e-1
6.31	0.8715584016	8.715584016e-1
6.32	0.8729396352	8.729396352e-1
6.33	0.8743208688	8.743208688e-1
6.34	0.8757021024	8.757021024e-1
6.35	0.877083336	8.77083336e-1
6.36	0.8784645696	8.784645696e-1
6.37	0.8798458032	8.798458032e-1
6.38	0.8812270368	8.812270368e-1
6.39	0.8826082704	8.826082704e-1
6.4	0.883989504	8.83989504e-1
6.41	0.8853707376	8.853707376e-1
6.42	0.8867519712	8.867519712e-1
6.43	0.8881332048	8.881332048e-1
6.44	0.8895144384	8.895144384e-1
6.45	0.890895672	8.90895672e-1
6.46	0.8922769056	8.922769056e-1
6.47	0.8936581392	8.936581392e-1
6.48	0.8950393728	8.950393728e-1
6.49	0.8964206064	8.964206064e-1
6.5	0.89780184	8.9780184e-1
6.51	0.8991830736	8.991830736e-1
6.52	0.9005643072	9.005643072e-1
6.53	0.9019455408	9.019455408e-1
6.54	0.9033267744	9.033267744e-1
6.55	0.904708008	9.04708008e-1
6.56	0.9060892416	9.060892416e-1
6.57	0.9074704752	9.074704752e-1
6.58	0.9088517088	9.088517088e-1
6.59	0.9102329424	9.102329424e-1
6.6	0.911614176	9.11614176e-1

6.61	0.9129954096	9.129954096e-1
6.62	0.9143766432	9.143766432e-1
6.63	0.9157578768	9.157578768e-1
6.64	0.9171391104	9.171391104e-1
6.65	0.918520344	9.18520344e-1
6.66	0.9199015776	9.199015776e-1
6.67	0.9212828112	9.212828112e-1
6.68	0.9226640448	9.226640448e-1
6.69	0.9240452784	9.240452784e-1
6.7	0.925426512	9.25426512e-1
6.71	0.9268077456	9.268077456e-1
6.72	0.9281889792	9.281889792e-1
6.73	0.9295702128	9.295702128e-1
6.74	0.9309514464	9.309514464e-1
6.75	0.93233268	9.3233268e-1
6.76	0.9337139136	9.337139136e-1
6.77	0.9350951472	9.350951472e-1
6.78	0.9364763808	9.364763808e-1
6.79	0.9378576144	9.378576144e-1
6.8	0.939238848	9.39238848e-1
6.81	0.9406200816	9.406200816e-1
6.82	0.9420013152	9.420013152e-1
6.83	0.9433825488	9.433825488e-1
6.84	0.9447637824	9.447637824e-1
6.85	0.946145016	9.46145016e-1
6.86	0.9475262496	9.475262496e-1
6.87	0.9489074832	9.489074832e-1
6.88	0.9502887168	9.502887168e-1
6.89	0.9516699504	9.516699504e-1
6.9	0.953051184	9.53051184e-1
6.91	0.9544324176	9.544324176e-1
6.92	0.9558136512	9.558136512e-1
6.93	0.9571948848	9.571948848e-1
6.94	0.9585761184	9.585761184e-1
6.95	0.959957352	9.59957352e-1
6.96	0.9613385856	9.613385856e-1
6.97	0.9627198192	9.627198192e-1
6.98	0.9641010528	9.641010528e-1

6.99	0.9654822864	9.654822864e-1
7	0.96686352	9.6686352e-1
7.01	0.9682447536	9.682447536e-1
7.02	0.9696259872	9.696259872e-1
7.03	0.9710072208	9.710072208e-1
7.04	0.9723884544	9.723884544e-1
7.05	0.973769688	9.73769688e-1
7.06	0.9751509216	9.751509216e-1
7.07	0.9765321552	9.765321552e-1
7.08	0.9779133888	9.779133888e-1
7.09	0.9792946224	9.792946224e-1
7.1	0.980675856	9.80675856e-1
7.11	0.9820570896	9.820570896e-1
7.12	0.9834383232	9.834383232e-1
7.13	0.9848195568	9.848195568e-1
7.14	0.9862007904	9.862007904e-1
7.15	0.987582024	9.87582024e-1
7.16	0.9889632576	9.889632576e-1
7.17	0.9903444912	9.903444912e-1
7.18	0.9917257248	9.917257248e-1
7.19	0.9931069584	9.931069584e-1
7.2	0.994488192	9.94488192e-1
7.21	0.9958694256	9.958694256e-1
7.22	0.9972506592	9.972506592e-1
7.23	0.9986318928	9.986318928e-1
7.24	1.0000131264	1.0000131264e+0
7.25	1.00139436	1.00139436e+0
7.26	1.0027755936	1.0027755936e+0
7.27	1.0041568272	1.0041568272e+0
7.28	1.0055380608	1.0055380608e+0
7.29	1.0069192944	1.0069192944e+0
7.3	1.008300528	1.008300528e+0
7.31	1.0096817616	1.0096817616e+0
7.32	1.0110629952	1.0110629952e+0
7.33	1.0124442288	1.0124442288e+0
7.34	1.0138254624	1.0138254624e+0
7.35	1.015206696	1.015206696e+0
7.36	1.0165879296	1.0165879296e+0

7.37	1.0179691632	1.0179691632e+0
7.38	1.0193503968	1.0193503968e+0
7.39	1.0207316304	1.0207316304e+0
7.4	1.022112864	1.022112864e+0
7.41	1.0234940976	1.0234940976e+0
7.42	1.0248753312	1.0248753312e+0
7.43	1.0262565648	1.0262565648e+0
7.44	1.0276377984	1.0276377984e+0
7.45	1.029019032	1.029019032e+0
7.46	1.0304002656	1.0304002656e+0
7.47	1.0317814992	1.0317814992e+0
7.48	1.0331627328	1.0331627328e+0
7.49	1.0345439664	1.0345439664e+0
7.5	1.0359252	1.0359252e+0
7.51	1.0373064336	1.0373064336e+0
7.52	1.0386876672	1.0386876672e+0
7.53	1.0400689008	1.0400689008e+0
7.54	1.0414501344	1.0414501344e+0
7.55	1.042831368	1.042831368e+0
7.56	1.0442126016	1.0442126016e+0
7.57	1.0455938352	1.0455938352e+0
7.58	1.0469750688	1.0469750688e+0
7.59	1.0483563024	1.0483563024e+0
7.6	1.049737536	1.049737536e+0
7.61	1.0511187696	1.0511187696e+0
7.62	1.0525000032	1.0525000032e+0
7.63	1.0538812368	1.0538812368e+0
7.64	1.0552624704	1.0552624704e+0
7.65	1.056643704	1.056643704e+0
7.66	1.0580249376	1.0580249376e+0
7.67	1.0594061712	1.0594061712e+0
7.68	1.0607874048	1.0607874048e+0
7.69	1.0621686384	1.0621686384e+0
7.7	1.063549872	1.063549872e+0
7.71	1.0649311056	1.0649311056e+0
7.72	1.0663123392	1.0663123392e+0
7.73	1.0676935728	1.0676935728e+0
7.74	1.0690748064	1.0690748064e+0

7.75	1.07045604	1.07045604e+0
7.76	1.0718372736	1.0718372736e+0
7.77	1.0732185072	1.0732185072e+0
7.78	1.0745997408	1.0745997408e+0
7.79	1.0759809744	1.0759809744e+0
7.8	1.077362208	1.077362208e+0
7.81	1.0787434416	1.0787434416e+0
7.82	1.0801246752	1.0801246752e+0
7.83	1.0815059088	1.0815059088e+0
7.84	1.0828871424	1.0828871424e+0
7.85	1.084268376	1.084268376e+0
7.86	1.0856496096	1.0856496096e+0
7.87	1.0870308432	1.0870308432e+0
7.88	1.0884120768	1.0884120768e+0
7.89	1.0897933104	1.0897933104e+0
7.9	1.091174544	1.091174544e+0
7.91	1.0925557776	1.0925557776e+0
7.92	1.0939370112	1.0939370112e+0
7.93	1.0953182448	1.0953182448e+0
7.94	1.0966994784	1.0966994784e+0
7.95	1.098080712	1.098080712e+0
7.96	1.0994619456	1.0994619456e+0
7.97	1.1008431792	1.1008431792e+0
7.98	1.1022244128	1.1022244128e+0
7.99	1.1036056464	1.1036056464e+0
8	1.10498688	1.10498688e+0
8.01	1.1063681136	1.1063681136e+0
8.02	1.1077493472	1.1077493472e+0
8.03	1.1091305808	1.1091305808e+0
8.04	1.1105118144	1.1105118144e+0
8.05	1.111893048	1.111893048e+0
8.06	1.1132742816	1.1132742816e+0
8.07	1.1146555152	1.1146555152e+0
8.08	1.1160367488	1.1160367488e+0
8.09	1.1174179824	1.1174179824e+0
8.1	1.118799216	1.118799216e+0
8.11	1.1201804496	1.1201804496e+0
8.12	1.1215616832	1.1215616832e+0

8.13	1.1229429168	1.1229429168e+0
8.14	1.1243241504	1.1243241504e+0
8.15	1.125705384	1.125705384e+0
8.16	1.1270866176	1.1270866176e+0
8.17	1.1284678512	1.1284678512e+0
8.18	1.1298490848	1.1298490848e+0
8.19	1.1312303184	1.1312303184e+0
8.2	1.132611552	1.132611552e+0
8.21	1.1339927856	1.1339927856e+0
8.22	1.1353740192	1.1353740192e+0
8.23	1.1367552528	1.1367552528e+0
8.24	1.1381364864	1.1381364864e+0
8.25	1.13951772	1.13951772e+0
8.26	1.1408989536	1.1408989536e+0
8.27	1.1422801872	1.1422801872e+0
8.28	1.1436614208	1.1436614208e+0
8.29	1.1450426544	1.1450426544e+0
8.3	1.146423888	1.146423888e+0
8.31	1.1478051216	1.1478051216e+0
8.32	1.1491863552	1.1491863552e+0
8.33	1.1505675888	1.1505675888e+0
8.34	1.1519488224	1.1519488224e+0
8.35	1.153330056	1.153330056e+0
8.36	1.1547112896	1.1547112896e+0
8.37	1.1560925232	1.1560925232e+0
8.38	1.1574737568	1.1574737568e+0
8.39	1.1588549904	1.1588549904e+0
8.4	1.160236224	1.160236224e+0
8.41	1.1616174576	1.1616174576e+0
8.42	1.1629986912	1.1629986912e+0
8.43	1.1643799248	1.1643799248e+0
8.44	1.1657611584	1.1657611584e+0
8.45	1.167142392	1.167142392e+0
8.46	1.1685236256	1.1685236256e+0
8.47	1.1699048592	1.1699048592e+0
8.48	1.1712860928	1.1712860928e+0
8.49	1.1726673264	1.1726673264e+0
8.5	1.17404856	1.17404856e+0

8.51	1.1754297936	1.1754297936e+0
8.52	1.1768110272	1.1768110272e+0
8.53	1.1781922608	1.1781922608e+0
8.54	1.1795734944	1.1795734944e+0
8.55	1.180954728	1.180954728e+0
8.56	1.1823359616	1.1823359616e+0
8.57	1.1837171952	1.1837171952e+0
8.58	1.1850984288	1.1850984288e+0
8.59	1.1864796624	1.1864796624e+0
8.6	1.187860896	1.187860896e+0
8.61	1.1892421296	1.1892421296e+0
8.62	1.1906233632	1.1906233632e+0
8.63	1.1920045968	1.1920045968e+0
8.64	1.1933858304	1.1933858304e+0
8.65	1.194767064	1.194767064e+0
8.66	1.1961482976	1.1961482976e+0
8.67	1.1975295312	1.1975295312e+0
8.68	1.1989107648	1.1989107648e+0
8.69	1.2002919984	1.2002919984e+0
8.7	1.201673232	1.201673232e+0
8.71	1.2030544656	1.2030544656e+0
8.72	1.2044356992	1.2044356992e+0
8.73	1.2058169328	1.2058169328e+0
8.74	1.2071981664	1.2071981664e+0
8.75	1.2085794	1.2085794e+0
8.76	1.2099606336	1.2099606336e+0
8.77	1.2113418672	1.2113418672e+0
8.78	1.2127231008	1.2127231008e+0
8.79	1.2141043344	1.2141043344e+0
8.8	1.215485568	1.215485568e+0
8.81	1.2168668016	1.2168668016e+0
8.82	1.2182480352	1.2182480352e+0
8.83	1.2196292688	1.2196292688e+0
8.84	1.2210105024	1.2210105024e+0
8.85	1.222391736	1.222391736e+0
8.86	1.2237729696	1.2237729696e+0
8.87	1.2251542032	1.2251542032e+0
8.88	1.2265354368	1.2265354368e+0

8.89	1.2279166704	1.2279166704e+0
8.9	1.229297904	1.229297904e+0
8.91	1.2306791376	1.2306791376e+0
8.92	1.2320603712	1.2320603712e+0
8.93	1.2334416048	1.2334416048e+0
8.94	1.2348228384	1.2348228384e+0
8.95	1.236204072	1.236204072e+0
8.96	1.2375853056	1.2375853056e+0
8.97	1.2389665392	1.2389665392e+0
8.98	1.2403477728	1.2403477728e+0
8.99	1.2417290064	1.2417290064e+0
9	1.24311024	1.24311024e+0
9.01	1.2444914736	1.2444914736e+0
9.02	1.2458727072	1.2458727072e+0
9.03	1.2472539408	1.2472539408e+0
9.04	1.2486351744	1.2486351744e+0
9.05	1.250016408	1.250016408e+0
9.06	1.2513976416	1.2513976416e+0
9.07	1.2527788752	1.2527788752e+0
9.08	1.2541601088	1.2541601088e+0
9.09	1.2555413424	1.2555413424e+0
9.1	1.256922576	1.256922576e+0
9.11	1.2583038096	1.2583038096e+0
9.12	1.2596850432	1.2596850432e+0
9.13	1.2610662768	1.2610662768e+0
9.14	1.2624475104	1.2624475104e+0
9.15	1.263828744	1.263828744e+0
9.16	1.2652099776	1.2652099776e+0
9.17	1.2665912112	1.2665912112e+0
9.18	1.2679724448	1.2679724448e+0
9.19	1.2693536784	1.2693536784e+0
9.2	1.270734912	1.270734912e+0
9.21	1.2721161456	1.2721161456e+0
9.22	1.2734973792	1.2734973792e+0
9.23	1.2748786128	1.2748786128e+0
9.24	1.2762598464	1.2762598464e+0
9.25	1.27764108	1.27764108e+0
9.26	1.2790223136	1.2790223136e+0

9.27	1.2804035472	1.2804035472e+0
9.28	1.2817847808	1.2817847808e+0
9.29	1.2831660144	1.2831660144e+0
9.3	1.284547248	1.284547248e+0
9.31	1.2859284816	1.2859284816e+0
9.32	1.2873097152	1.2873097152e+0
9.33	1.2886909488	1.2886909488e+0
9.34	1.2900721824	1.2900721824e+0
9.35	1.291453416	1.291453416e+0
9.36	1.2928346496	1.2928346496e+0
9.37	1.2942158832	1.2942158832e+0
9.38	1.2955971168	1.2955971168e+0
9.39	1.2969783504	1.2969783504e+0
9.4	1.298359584	1.298359584e+0
9.41	1.2997408176	1.2997408176e+0
9.42	1.3011220512	1.3011220512e+0
9.43	1.3025032848	1.3025032848e+0
9.44	1.3038845184	1.3038845184e+0
9.45	1.305265752	1.305265752e+0
9.46	1.3066469856	1.3066469856e+0
9.47	1.3080282192	1.3080282192e+0
9.48	1.3094094528	1.3094094528e+0
9.49	1.3107906864	1.3107906864e+0
9.5	1.31217192	1.31217192e+0
9.51	1.3135531536	1.3135531536e+0
9.52	1.3149343872	1.3149343872e+0
9.53	1.3163156208	1.3163156208e+0
9.54	1.3176968544	1.3176968544e+0
9.55	1.319078088	1.319078088e+0
9.56	1.3204593216	1.3204593216e+0
9.57	1.3218405552	1.3218405552e+0
9.58	1.3232217888	1.3232217888e+0
9.59	1.3246030224	1.3246030224e+0
9.6	1.325984256	1.325984256e+0
9.61	1.3273654896	1.3273654896e+0
9.62	1.3287467232	1.3287467232e+0
9.63	1.3301279568	1.3301279568e+0
9.64	1.3315091904	1.3315091904e+0

9.65	1.332890424	1.332890424e+0
9.66	1.3342716576	1.3342716576e+0
9.67	1.3356528912	1.3356528912e+0
9.68	1.3370341248	1.3370341248e+0
9.69	1.3384153584	1.3384153584e+0
9.7	1.339796592	1.339796592e+0
9.71	1.3411778256	1.3411778256e+0
9.72	1.3425590592	1.3425590592e+0
9.73	1.3439402928	1.3439402928e+0
9.74	1.3453215264	1.3453215264e+0
9.75	1.34670276	1.34670276e+0
9.76	1.3480839936	1.3480839936e+0
9.77	1.3494652272	1.3494652272e+0
9.78	1.3508464608	1.3508464608e+0
9.79	1.3522276944	1.3522276944e+0
9.8	1.353608928	1.353608928e+0
9.81	1.3549901616	1.3549901616e+0
9.82	1.3563713952	1.3563713952e+0
9.83	1.3577526288	1.3577526288e+0
9.84	1.3591338624	1.3591338624e+0
9.85	1.360515096	1.360515096e+0
9.86	1.3618963296	1.3618963296e+0
9.87	1.3632775632	1.3632775632e+0
9.88	1.3646587968	1.3646587968e+0
9.89	1.3660400304	1.3660400304e+0
9.9	1.367421264	1.367421264e+0
9.91	1.3688024976	1.3688024976e+0
9.92	1.3701837312	1.3701837312e+0
9.93	1.3715649648	1.3715649648e+0
9.94	1.3729461984	1.3729461984e+0
9.95	1.374327432	1.374327432e+0
9.96	1.3757086656	1.3757086656e+0
9.97	1.3770898992	1.3770898992e+0
9.98	1.3784711328	1.3784711328e+0
9.99	1.3798523664	1.3798523664e+0
10	1.3812336	1.3812336e+0
10.01	1.3826148336	1.3826148336e+0
10.02	1.3839960672	1.3839960672e+0

10.03	1.3853773008	1.3853773008e+0
10.04	1.3867585344	1.3867585344e+0
10.05	1.388139768	1.388139768e+0
10.06	1.3895210016	1.3895210016e+0
10.07	1.3909022352	1.3909022352e+0
10.08	1.3922834688	1.3922834688e+0
10.09	1.3936647024	1.3936647024e+0
10.1	1.395045936	1.395045936e+0
10.11	1.3964271696	1.3964271696e+0
10.12	1.3978084032	1.3978084032e+0
10.13	1.3991896368	1.3991896368e+0
10.14	1.4005708704	1.4005708704e+0
10.15	1.401952104	1.401952104e+0
10.16	1.4033333376	1.4033333376e+0
10.17	1.4047145712	1.4047145712e+0
10.18	1.4060958048	1.4060958048e+0
10.19	1.4074770384	1.4074770384e+0
10.2	1.408858272	1.408858272e+0
10.21	1.4102395056	1.4102395056e+0
10.22	1.4116207392	1.4116207392e+0
10.23	1.4130019728	1.4130019728e+0
10.24	1.4143832064	1.4143832064e+0
10.25	1.41576444	1.41576444e+0
10.26	1.4171456736	1.4171456736e+0
10.27	1.4185269072	1.4185269072e+0
10.28	1.4199081408	1.4199081408e+0
10.29	1.4212893744	1.4212893744e+0
10.3	1.422670608	1.422670608e+0
10.31	1.4240518416	1.4240518416e+0
10.32	1.4254330752	1.4254330752e+0
10.33	1.4268143088	1.4268143088e+0
10.34	1.4281955424	1.4281955424e+0
10.35	1.429576776	1.429576776e+0
10.36	1.4309580096	1.4309580096e+0
10.37	1.4323392432	1.4323392432e+0
10.38	1.4337204768	1.4337204768e+0
10.39	1.4351017104	1.4351017104e+0
10.4	1.436482944	1.436482944e+0

10.41	1.4378641776	1.4378641776e+0
10.42	1.4392454112	1.4392454112e+0
10.43	1.4406266448	1.4406266448e+0
10.44	1.4420078784	1.4420078784e+0
10.45	1.443389112	1.443389112e+0
10.46	1.4447703456	1.4447703456e+0
10.47	1.4461515792	1.4461515792e+0
10.48	1.4475328128	1.4475328128e+0
10.49	1.4489140464	1.4489140464e+0
10.5	1.45029528	1.45029528e+0
10.51	1.4516765136	1.4516765136e+0
10.52	1.4530577472	1.4530577472e+0
10.53	1.4544389808	1.4544389808e+0
10.54	1.4558202144	1.4558202144e+0
10.55	1.457201448	1.457201448e+0
10.56	1.4585826816	1.4585826816e+0
10.57	1.4599639152	1.4599639152e+0
10.58	1.4613451488	1.4613451488e+0
10.59	1.4627263824	1.4627263824e+0
10.6	1.464107616	1.464107616e+0
10.61	1.4654888496	1.4654888496e+0
10.62	1.4668700832	1.4668700832e+0
10.63	1.4682513168	1.4682513168e+0
10.64	1.4696325504	1.4696325504e+0
10.65	1.471013784	1.471013784e+0
10.66	1.4723950176	1.4723950176e+0
10.67	1.4737762512	1.4737762512e+0
10.68	1.4751574848	1.4751574848e+0
10.69	1.4765387184	1.4765387184e+0
10.7	1.477919952	1.477919952e+0
10.71	1.4793011856	1.4793011856e+0
10.72	1.4806824192	1.4806824192e+0
10.73	1.4820636528	1.4820636528e+0
10.74	1.4834448864	1.4834448864e+0
10.75	1.48482612	1.48482612e+0
10.76	1.4862073536	1.4862073536e+0
10.77	1.4875885872	1.4875885872e+0
10.78	1.4889698208	1.4889698208e+0

10.79	1.4903510544	1.4903510544e+0
10.8	1.491732288	1.491732288e+0
10.81	1.4931135216	1.4931135216e+0
10.82	1.4944947552	1.4944947552e+0
10.83	1.4958759888	1.4958759888e+0
10.84	1.4972572224	1.4972572224e+0
10.85	1.498638456	1.498638456e+0
10.86	1.5000196896	1.5000196896e+0
10.87	1.5014009232	1.5014009232e+0
10.88	1.5027821568	1.5027821568e+0
10.89	1.5041633904	1.5041633904e+0
10.9	1.505544624	1.505544624e+0
10.91	1.5069258576	1.5069258576e+0
10.92	1.5083070912	1.5083070912e+0
10.93	1.5096883248	1.5096883248e+0
10.94	1.5110695584	1.5110695584e+0
10.95	1.512450792	1.512450792e+0
10.96	1.5138320256	1.5138320256e+0
10.97	1.5152132592	1.5152132592e+0
10.98	1.5165944928	1.5165944928e+0
10.99	1.5179757264	1.5179757264e+0
11	1.51935696	1.51935696e+0
11.01	1.5207381936	1.5207381936e+0
11.02	1.5221194272	1.5221194272e+0
11.03	1.5235006608	1.5235006608e+0
11.04	1.5248818944	1.5248818944e+0
11.05	1.526263128	1.526263128e+0
11.06	1.5276443616	1.5276443616e+0
11.07	1.5290255952	1.5290255952e+0
11.08	1.5304068288	1.5304068288e+0
11.09	1.5317880624	1.5317880624e+0
11.1	1.533169296	1.533169296e+0
11.11	1.5345505296	1.5345505296e+0
11.12	1.5359317632	1.5359317632e+0
11.13	1.5373129968	1.5373129968e+0
11.14	1.5386942304	1.5386942304e+0
11.15	1.540075464	1.540075464e+0
11.16	1.5414566976	1.5414566976e+0

11.17	1.5428379312	1.5428379312e+0
11.18	1.5442191648	1.5442191648e+0
11.19	1.5456003984	1.5456003984e+0
11.2	1.546981632	1.546981632e+0
11.21	1.5483628656	1.5483628656e+0
11.22	1.5497440992	1.5497440992e+0
11.23	1.5511253328	1.5511253328e+0
11.24	1.5525065664	1.5525065664e+0
11.25	1.5538878	1.5538878e+0
11.26	1.5552690336	1.5552690336e+0
11.27	1.5566502672	1.5566502672e+0
11.28	1.5580315008	1.5580315008e+0
11.29	1.5594127344	1.5594127344e+0
11.3	1.560793968	1.560793968e+0
11.31	1.5621752016	1.5621752016e+0
11.32	1.5635564352	1.5635564352e+0
11.33	1.5649376688	1.5649376688e+0
11.34	1.5663189024	1.5663189024e+0
11.35	1.567700136	1.567700136e+0
11.36	1.5690813696	1.5690813696e+0
11.37	1.5704626032	1.5704626032e+0
11.38	1.5718438368	1.5718438368e+0
11.39	1.5732250704	1.5732250704e+0
11.4	1.574606304	1.574606304e+0
11.41	1.5759875376	1.5759875376e+0
11.42	1.5773687712	1.5773687712e+0
11.43	1.5787500048	1.5787500048e+0
11.44	1.5801312384	1.5801312384e+0
11.45	1.581512472	1.581512472e+0
11.46	1.5828937056	1.5828937056e+0
11.47	1.5842749392	1.5842749392e+0
11.48	1.5856561728	1.5856561728e+0
11.49	1.5870374064	1.5870374064e+0
11.5	1.58841864	1.58841864e+0
11.51	1.5897998736	1.5897998736e+0
11.52	1.5911811072	1.5911811072e+0
11.53	1.5925623408	1.5925623408e+0
11.54	1.5939435744	1.5939435744e+0

11.55	1.595324808	1.595324808e+0
11.56	1.5967060416	1.5967060416e+0
11.57	1.5980872752	1.5980872752e+0
11.58	1.5994685088	1.5994685088e+0
11.59	1.6008497424	1.6008497424e+0
11.6	1.602230976	1.602230976e+0
11.61	1.6036122096	1.6036122096e+0
11.62	1.6049934432	1.6049934432e+0
11.63	1.6063746768	1.6063746768e+0
11.64	1.6077559104	1.6077559104e+0
11.65	1.609137144	1.609137144e+0
11.66	1.6105183776	1.6105183776e+0
11.67	1.6118996112	1.6118996112e+0
11.68	1.6132808448	1.6132808448e+0
11.69	1.6146620784	1.6146620784e+0
11.7	1.616043312	1.616043312e+0
11.71	1.6174245456	1.6174245456e+0
11.72	1.6188057792	1.6188057792e+0
11.73	1.6201870128	1.6201870128e+0
11.74	1.6215682464	1.6215682464e+0
11.75	1.62294948	1.62294948e+0
11.76	1.6243307136	1.6243307136e+0
11.77	1.6257119472	1.6257119472e+0
11.78	1.6270931808	1.6270931808e+0
11.79	1.6284744144	1.6284744144e+0
11.8	1.629855648	1.629855648e+0
11.81	1.6312368816	1.6312368816e+0
11.82	1.6326181152	1.6326181152e+0
11.83	1.6339993488	1.6339993488e+0
11.84	1.6353805824	1.6353805824e+0
11.85	1.636761816	1.636761816e+0
11.86	1.6381430496	1.6381430496e+0
11.87	1.6395242832	1.6395242832e+0
11.88	1.6409055168	1.6409055168e+0
11.89	1.6422867504	1.6422867504e+0
11.9	1.643667984	1.643667984e+0
11.91	1.6450492176	1.6450492176e+0
11.92	1.6464304512	1.6464304512e+0

11.93	1.6478116848	1.6478116848e+0
11.94	1.6491929184	1.6491929184e+0
11.95	1.650574152	1.650574152e+0
11.96	1.6519553856	1.6519553856e+0
11.97	1.6533366192	1.6533366192e+0
11.98	1.6547178528	1.6547178528e+0
11.99	1.6560990864	1.6560990864e+0
12	1.65748032	1.65748032e+0
12.01	1.6588615536	1.6588615536e+0
12.02	1.6602427872	1.6602427872e+0
12.03	1.6616240208	1.6616240208e+0
12.04	1.6630052544	1.6630052544e+0
12.05	1.664386488	1.664386488e+0
12.06	1.6657677216	1.6657677216e+0
12.07	1.6671489552	1.6671489552e+0
12.08	1.6685301888	1.6685301888e+0
12.09	1.6699114224	1.6699114224e+0
12.1	1.671292656	1.671292656e+0
12.11	1.6726738896	1.6726738896e+0
12.12	1.6740551232	1.6740551232e+0
12.13	1.6754363568	1.6754363568e+0
12.14	1.6768175904	1.6768175904e+0
12.15	1.678198824	1.678198824e+0
12.16	1.6795800576	1.6795800576e+0
12.17	1.6809612912	1.6809612912e+0
12.18	1.6823425248	1.6823425248e+0
12.19	1.6837237584	1.6837237584e+0
12.2	1.685104992	1.685104992e+0
12.21	1.6864862256	1.6864862256e+0
12.22	1.6878674592	1.6878674592e+0
12.23	1.6892486928	1.6892486928e+0
12.24	1.6906299264	1.6906299264e+0
12.25	1.69201116	1.69201116e+0
12.26	1.6933923936	1.6933923936e+0
12.27	1.6947736272	1.6947736272e+0
12.28	1.6961548608	1.6961548608e+0
12.29	1.6975360944	1.6975360944e+0
12.3	1.698917328	1.698917328e+0

12.31	1.7002985616	1.7002985616e+0
12.32	1.7016797952	1.7016797952e+0
12.33	1.7030610288	1.7030610288e+0
12.34	1.7044422624	1.7044422624e+0
12.35	1.705823496	1.705823496e+0
12.36	1.7072047296	1.7072047296e+0
12.37	1.7085859632	1.7085859632e+0
12.38	1.7099671968	1.7099671968e+0
12.39	1.7113484304	1.7113484304e+0
12.4	1.712729664	1.712729664e+0
12.41	1.7141108976	1.7141108976e+0
12.42	1.7154921312	1.7154921312e+0
12.43	1.7168733648	1.7168733648e+0
12.44	1.7182545984	1.7182545984e+0
12.45	1.719635832	1.719635832e+0
12.46	1.7210170656	1.7210170656e+0
12.47	1.7223982992	1.7223982992e+0
12.48	1.7237795328	1.7237795328e+0
12.49	1.7251607664	1.7251607664e+0
12.5	1.726542	1.726542e+0
12.51	1.7279232336	1.7279232336e+0
12.52	1.7293044672	1.7293044672e+0
12.53	1.7306857008	1.7306857008e+0
12.54	1.7320669344	1.7320669344e+0
12.55	1.733448168	1.733448168e+0
12.56	1.7348294016	1.7348294016e+0
12.57	1.7362106352	1.7362106352e+0
12.58	1.7375918688	1.7375918688e+0
12.59	1.7389731024	1.7389731024e+0
12.6	1.740354336	1.740354336e+0
12.61	1.7417355696	1.7417355696e+0
12.62	1.7431168032	1.7431168032e+0
12.63	1.7444980368	1.7444980368e+0
12.64	1.7458792704	1.7458792704e+0
12.65	1.747260504	1.747260504e+0
12.66	1.7486417376	1.7486417376e+0
12.67	1.7500229712	1.7500229712e+0
12.68	1.7514042048	1.7514042048e+0

12.69	1.7527854384	1.7527854384e+0
12.7	1.754166672	1.754166672e+0
12.71	1.7555479056	1.7555479056e+0
12.72	1.7569291392	1.7569291392e+0
12.73	1.7583103728	1.7583103728e+0
12.74	1.7596916064	1.7596916064e+0
12.75	1.76107284	1.76107284e+0
12.76	1.7624540736	1.7624540736e+0
12.77	1.7638353072	1.7638353072e+0
12.78	1.7652165408	1.7652165408e+0
12.79	1.7665977744	1.7665977744e+0
12.8	1.767979008	1.767979008e+0
12.81	1.7693602416	1.7693602416e+0
12.82	1.7707414752	1.7707414752e+0
12.83	1.7721227088	1.7721227088e+0
12.84	1.7735039424	1.7735039424e+0
12.85	1.774885176	1.774885176e+0
12.86	1.7762664096	1.7762664096e+0
12.87	1.7776476432	1.7776476432e+0
12.88	1.7790288768	1.7790288768e+0
12.89	1.7804101104	1.7804101104e+0
12.9	1.781791344	1.781791344e+0
12.91	1.7831725776	1.7831725776e+0
12.92	1.7845538112	1.7845538112e+0
12.93	1.7859350448	1.7859350448e+0
12.94	1.7873162784	1.7873162784e+0
12.95	1.788697512	1.788697512e+0
12.96	1.7900787456	1.7900787456e+0
12.97	1.7914599792	1.7914599792e+0
12.98	1.7928412128	1.7928412128e+0
12.99	1.7942224464	1.7942224464e+0
13	1.79560368	1.79560368e+0
13.01	1.7969849136	1.7969849136e+0
13.02	1.7983661472	1.7983661472e+0
13.03	1.7997473808	1.7997473808e+0
13.04	1.8011286144	1.8011286144e+0
13.05	1.802509848	1.802509848e+0
13.06	1.8038910816	1.8038910816e+0

13.07	1.8052723152	1.8052723152e+0
13.08	1.8066535488	1.8066535488e+0
13.09	1.8080347824	1.8080347824e+0
13.1	1.809416016	1.809416016e+0
13.11	1.8107972496	1.8107972496e+0
13.12	1.8121784832	1.8121784832e+0
13.13	1.8135597168	1.8135597168e+0
13.14	1.8149409504	1.8149409504e+0
13.15	1.816322184	1.816322184e+0
13.16	1.8177034176	1.8177034176e+0
13.17	1.8190846512	1.8190846512e+0
13.18	1.8204658848	1.8204658848e+0
13.19	1.8218471184	1.8218471184e+0
13.2	1.823228352	1.823228352e+0
13.21	1.8246095856	1.8246095856e+0
13.22	1.8259908192	1.8259908192e+0
13.23	1.8273720528	1.8273720528e+0
13.24	1.8287532864	1.8287532864e+0
13.25	1.83013452	1.83013452e+0
13.26	1.8315157536	1.8315157536e+0
13.27	1.8328969872	1.8328969872e+0
13.28	1.8342782208	1.8342782208e+0
13.29	1.8356594544	1.8356594544e+0
13.3	1.837040688	1.837040688e+0
13.31	1.8384219216	1.8384219216e+0
13.32	1.8398031552	1.8398031552e+0
13.33	1.8411843888	1.8411843888e+0
13.34	1.8425656224	1.8425656224e+0
13.35	1.843946856	1.843946856e+0
13.36	1.8453280896	1.8453280896e+0
13.37	1.8467093232	1.8467093232e+0
13.38	1.8480905568	1.8480905568e+0
13.39	1.8494717904	1.8494717904e+0
13.4	1.850853024	1.850853024e+0
13.41	1.8522342576	1.8522342576e+0
13.42	1.8536154912	1.8536154912e+0
13.43	1.8549967248	1.8549967248e+0
13.44	1.8563779584	1.8563779584e+0

13.45	1.857759192	1.857759192e+0
13.46	1.8591404256	1.8591404256e+0
13.47	1.8605216592	1.8605216592e+0
13.48	1.8619028928	1.8619028928e+0
13.49	1.8632841264	1.8632841264e+0
13.5	1.86466536	1.86466536e+0
13.51	1.8660465936	1.8660465936e+0
13.52	1.8674278272	1.8674278272e+0
13.53	1.8688090608	1.8688090608e+0
13.54	1.8701902944	1.8701902944e+0
13.55	1.871571528	1.871571528e+0
13.56	1.8729527616	1.8729527616e+0
13.57	1.8743339952	1.8743339952e+0
13.58	1.8757152288	1.8757152288e+0
13.59	1.8770964624	1.8770964624e+0
13.6	1.878477696	1.878477696e+0
13.61	1.8798589296	1.8798589296e+0
13.62	1.8812401632	1.8812401632e+0
13.63	1.8826213968	1.8826213968e+0
13.64	1.8840026304	1.8840026304e+0
13.65	1.885383864	1.885383864e+0
13.66	1.8867650976	1.8867650976e+0
13.67	1.8881463312	1.8881463312e+0
13.68	1.8895275648	1.8895275648e+0
13.69	1.8909087984	1.8909087984e+0
13.7	1.892290032	1.892290032e+0
13.71	1.8936712656	1.8936712656e+0
13.72	1.8950524992	1.8950524992e+0
13.73	1.8964337328	1.8964337328e+0
13.74	1.8978149664	1.8978149664e+0
13.75	1.8991962	1.8991962e+0
13.76	1.9005774336	1.9005774336e+0
13.77	1.9019586672	1.9019586672e+0
13.78	1.9033399008	1.9033399008e+0
13.79	1.9047211344	1.9047211344e+0
13.8	1.906102368	1.906102368e+0
13.81	1.9074836016	1.9074836016e+0
13.82	1.9088648352	1.9088648352e+0

13.83	1.9102460688	1.9102460688e+0
13.84	1.9116273024	1.9116273024e+0
13.85	1.913008536	1.913008536e+0
13.86	1.9143897696	1.9143897696e+0
13.87	1.9157710032	1.9157710032e+0
13.88	1.9171522368	1.9171522368e+0
13.89	1.9185334704	1.9185334704e+0
13.9	1.919914704	1.919914704e+0
13.91	1.9212959376	1.9212959376e+0
13.92	1.9226771712	1.9226771712e+0
13.93	1.9240584048	1.9240584048e+0
13.94	1.9254396384	1.9254396384e+0
13.95	1.926820872	1.926820872e+0
13.96	1.9282021056	1.9282021056e+0
13.97	1.9295833392	1.9295833392e+0
13.98	1.9309645728	1.9309645728e+0
13.99	1.9323458064	1.9323458064e+0
14	1.93372704	1.93372704e+0
14.01	1.9351082736	1.9351082736e+0
14.02	1.9364895072	1.9364895072e+0
14.03	1.9378707408	1.9378707408e+0
14.04	1.9392519744	1.9392519744e+0
14.05	1.940633208	1.940633208e+0
14.06	1.9420144416	1.9420144416e+0
14.07	1.9433956752	1.9433956752e+0
14.08	1.9447769088	1.9447769088e+0
14.09	1.9461581424	1.9461581424e+0
14.1	1.947539376	1.947539376e+0
14.11	1.9489206096	1.9489206096e+0
14.12	1.9503018432	1.9503018432e+0
14.13	1.9516830768	1.9516830768e+0
14.14	1.9530643104	1.9530643104e+0
14.15	1.954445544	1.954445544e+0
14.16	1.9558267776	1.9558267776e+0
14.17	1.9572080112	1.9572080112e+0
14.18	1.9585892448	1.9585892448e+0
14.19	1.9599704784	1.9599704784e+0
14.2	1.961351712	1.961351712e+0

14.21	1.9627329456	1.9627329456e+0
14.22	1.9641141792	1.9641141792e+0
14.23	1.9654954128	1.9654954128e+0
14.24	1.9668766464	1.9668766464e+0
14.25	1.96825788	1.96825788e+0
14.26	1.9696391136	1.9696391136e+0
14.27	1.9710203472	1.9710203472e+0
14.28	1.9724015808	1.9724015808e+0
14.29	1.9737828144	1.9737828144e+0
14.3	1.975164048	1.975164048e+0
14.31	1.9765452816	1.9765452816e+0
14.32	1.9779265152	1.9779265152e+0
14.33	1.9793077488	1.9793077488e+0
14.34	1.9806889824	1.9806889824e+0
14.35	1.982070216	1.982070216e+0
14.36	1.9834514496	1.9834514496e+0
14.37	1.9848326832	1.9848326832e+0
14.38	1.9862139168	1.9862139168e+0
14.39	1.9875951504	1.9875951504e+0
14.4	1.988976384	1.988976384e+0
14.41	1.9903576176	1.9903576176e+0
14.42	1.9917388512	1.9917388512e+0
14.43	1.9931200848	1.9931200848e+0
14.44	1.9945013184	1.9945013184e+0
14.45	1.995882552	1.995882552e+0
14.46	1.9972637856	1.9972637856e+0
14.47	1.9986450192	1.9986450192e+0
14.48	2.0000262528	2.0000262528e+0
14.49	2.0014074864	2.0014074864e+0
14.5	2.00278872	2.00278872e+0
14.51	2.0041699536	2.0041699536e+0
14.52	2.0055511872	2.0055511872e+0
14.53	2.0069324208	2.0069324208e+0
14.54	2.0083136544	2.0083136544e+0
14.55	2.009694888	2.009694888e+0
14.56	2.0110761216	2.0110761216e+0
14.57	2.0124573552	2.0124573552e+0
14.58	2.0138385888	2.0138385888e+0

14.59	2.0152198224	2.0152198224e+0
14.6	2.016601056	2.016601056e+0
14.61	2.0179822896	2.0179822896e+0
14.62	2.0193635232	2.0193635232e+0
14.63	2.0207447568	2.0207447568e+0
14.64	2.0221259904	2.0221259904e+0
14.65	2.023507224	2.023507224e+0
14.66	2.0248884576	2.0248884576e+0
14.67	2.0262696912	2.0262696912e+0
14.68	2.0276509248	2.0276509248e+0
14.69	2.0290321584	2.0290321584e+0
14.7	2.030413392	2.030413392e+0
14.71	2.0317946256	2.0317946256e+0
14.72	2.0331758592	2.0331758592e+0
14.73	2.0345570928	2.0345570928e+0
14.74	2.0359383264	2.0359383264e+0
14.75	2.03731956	2.03731956e+0
14.76	2.0387007936	2.0387007936e+0
14.77	2.0400820272	2.0400820272e+0
14.78	2.0414632608	2.0414632608e+0
14.79	2.0428444944	2.0428444944e+0
14.8	2.044225728	2.044225728e+0
14.81	2.0456069616	2.0456069616e+0
14.82	2.0469881952	2.0469881952e+0
14.83	2.0483694288	2.0483694288e+0
14.84	2.0497506624	2.0497506624e+0
14.85	2.051131896	2.051131896e+0
14.86	2.0525131296	2.0525131296e+0
14.87	2.0538943632	2.0538943632e+0
14.88	2.0552755968	2.0552755968e+0
14.89	2.0566568304	2.0566568304e+0
14.9	2.058038064	2.058038064e+0
14.91	2.0594192976	2.0594192976e+0
14.92	2.0608005312	2.0608005312e+0
14.93	2.0621817648	2.0621817648e+0
14.94	2.0635629984	2.0635629984e+0
14.95	2.064944232	2.064944232e+0
14.96	2.0663254656	2.0663254656e+0

14.97	2.0677066992	2.0677066992e+0
14.98	2.0690879328	2.0690879328e+0
14.99	2.0704691664	2.0704691664e+0
15	2.0718504	2.0718504e+0
15.01	2.0732316336	2.0732316336e+0
15.02	2.0746128672	2.0746128672e+0
15.03	2.0759941008	2.0759941008e+0
15.04	2.0773753344	2.0773753344e+0
15.05	2.078756568	2.078756568e+0
15.06	2.0801378016	2.0801378016e+0
15.07	2.0815190352	2.0815190352e+0
15.08	2.0829002688	2.0829002688e+0
15.09	2.0842815024	2.0842815024e+0
15.1	2.085662736	2.085662736e+0
15.11	2.0870439696	2.0870439696e+0
15.12	2.0884252032	2.0884252032e+0
15.13	2.0898064368	2.0898064368e+0
15.14	2.0911876704	2.0911876704e+0
15.15	2.092568904	2.092568904e+0
15.16	2.0939501376	2.0939501376e+0
15.17	2.0953313712	2.0953313712e+0
15.18	2.0967126048	2.0967126048e+0
15.19	2.0980938384	2.0980938384e+0
15.2	2.099475072	2.099475072e+0
15.21	2.1008563056	2.1008563056e+0
15.22	2.1022375392	2.1022375392e+0
15.23	2.1036187728	2.1036187728e+0
15.24	2.1050000064	2.1050000064e+0
15.25	2.10638124	2.10638124e+0
15.26	2.1077624736	2.1077624736e+0
15.27	2.1091437072	2.1091437072e+0
15.28	2.1105249408	2.1105249408e+0
15.29	2.1119061744	2.1119061744e+0
15.3	2.113287408	2.113287408e+0
15.31	2.1146686416	2.1146686416e+0
15.32	2.1160498752	2.1160498752e+0
15.33	2.1174311088	2.1174311088e+0
15.34	2.1188123424	2.1188123424e+0

15.35	2.120193576	2.120193576e+0
15.36	2.1215748096	2.1215748096e+0
15.37	2.1229560432	2.1229560432e+0
15.38	2.1243372768	2.1243372768e+0
15.39	2.1257185104	2.1257185104e+0
15.4	2.127099744	2.127099744e+0
15.41	2.1284809776	2.1284809776e+0
15.42	2.1298622112	2.1298622112e+0
15.43	2.1312434448	2.1312434448e+0
15.44	2.1326246784	2.1326246784e+0
15.45	2.134005912	2.134005912e+0
15.46	2.1353871456	2.1353871456e+0
15.47	2.1367683792	2.1367683792e+0
15.48	2.1381496128	2.1381496128e+0
15.49	2.1395308464	2.1395308464e+0
15.5	2.14091208	2.14091208e+0
15.51	2.1422933136	2.1422933136e+0
15.52	2.1436745472	2.1436745472e+0
15.53	2.1450557808	2.1450557808e+0
15.54	2.1464370144	2.1464370144e+0
15.55	2.147818248	2.147818248e+0
15.56	2.1491994816	2.1491994816e+0
15.57	2.1505807152	2.1505807152e+0
15.58	2.1519619488	2.1519619488e+0
15.59	2.1533431824	2.1533431824e+0
15.6	2.154724416	2.154724416e+0
15.61	2.1561056496	2.1561056496e+0
15.62	2.1574868832	2.1574868832e+0
15.63	2.1588681168	2.1588681168e+0
15.64	2.1602493504	2.1602493504e+0
15.65	2.161630584	2.161630584e+0
15.66	2.1630118176	2.1630118176e+0
15.67	2.1643930512	2.1643930512e+0
15.68	2.1657742848	2.1657742848e+0
15.69	2.1671555184	2.1671555184e+0
15.7	2.168536752	2.168536752e+0
15.71	2.1699179856	2.1699179856e+0
15.72	2.1712992192	2.1712992192e+0

15.73	2.1726804528	2.1726804528e+0
15.74	2.1740616864	2.1740616864e+0
15.75	2.17544292	2.17544292e+0
15.76	2.1768241536	2.1768241536e+0
15.77	2.1782053872	2.1782053872e+0
15.78	2.1795866208	2.1795866208e+0
15.79	2.1809678544	2.1809678544e+0
15.8	2.182349088	2.182349088e+0
15.81	2.1837303216	2.1837303216e+0
15.82	2.1851115552	2.1851115552e+0
15.83	2.1864927888	2.1864927888e+0
15.84	2.1878740224	2.1878740224e+0
15.85	2.189255256	2.189255256e+0
15.86	2.1906364896	2.1906364896e+0
15.87	2.1920177232	2.1920177232e+0
15.88	2.1933989568	2.1933989568e+0
15.89	2.1947801904	2.1947801904e+0
15.9	2.196161424	2.196161424e+0
15.91	2.1975426576	2.1975426576e+0
15.92	2.1989238912	2.1989238912e+0
15.93	2.2003051248	2.2003051248e+0
15.94	2.2016863584	2.2016863584e+0
15.95	2.203067592	2.203067592e+0
15.96	2.2044488256	2.2044488256e+0
15.97	2.2058300592	2.2058300592e+0
15.98	2.2072112928	2.2072112928e+0
15.99	2.2085925264	2.2085925264e+0
16	2.20997376	2.20997376e+0
16.01	2.2113549936	2.2113549936e+0
16.02	2.2127362272	2.2127362272e+0
16.03	2.2141174608	2.2141174608e+0
16.04	2.2154986944	2.2154986944e+0
16.05	2.216879928	2.216879928e+0
16.06	2.2182611616	2.2182611616e+0
16.07	2.2196423952	2.2196423952e+0
16.08	2.2210236288	2.2210236288e+0
16.09	2.2224048624	2.2224048624e+0
16.1	2.223786096	2.223786096e+0

16.11	2.2251673296	2.2251673296e+0
16.12	2.2265485632	2.2265485632e+0
16.13	2.2279297968	2.2279297968e+0
16.14	2.2293110304	2.2293110304e+0
16.15	2.230692264	2.230692264e+0
16.16	2.2320734976	2.2320734976e+0
16.17	2.2334547312	2.2334547312e+0
16.18	2.2348359648	2.2348359648e+0
16.19	2.2362171984	2.2362171984e+0
16.2	2.237598432	2.237598432e+0
16.21	2.2389796656	2.2389796656e+0
16.22	2.2403608992	2.2403608992e+0
16.23	2.2417421328	2.2417421328e+0
16.24	2.2431233664	2.2431233664e+0
16.25	2.2445046	2.2445046e+0
16.26	2.2458858336	2.2458858336e+0
16.27	2.2472670672	2.2472670672e+0
16.28	2.2486483008	2.2486483008e+0
16.29	2.2500295344	2.2500295344e+0
16.3	2.251410768	2.251410768e+0
16.31	2.2527920016	2.2527920016e+0
16.32	2.2541732352	2.2541732352e+0
16.33	2.2555544688	2.2555544688e+0
16.34	2.2569357024	2.2569357024e+0
16.35	2.258316936	2.258316936e+0
16.36	2.2596981696	2.2596981696e+0
16.37	2.2610794032	2.2610794032e+0
16.38	2.2624606368	2.2624606368e+0
16.39	2.2638418704	2.2638418704e+0
16.4	2.265223104	2.265223104e+0
16.41	2.2666043376	2.2666043376e+0
16.42	2.2679855712	2.2679855712e+0
16.43	2.2693668048	2.2693668048e+0
16.44	2.2707480384	2.2707480384e+0
16.45	2.272129272	2.272129272e+0
16.46	2.2735105056	2.2735105056e+0
16.47	2.2748917392	2.2748917392e+0
16.48	2.2762729728	2.2762729728e+0

16.49	2.2776542064	2.2776542064e+0
16.5	2.27903544	2.27903544e+0
16.51	2.2804166736	2.2804166736e+0
16.52	2.2817979072	2.2817979072e+0
16.53	2.2831791408	2.2831791408e+0
16.54	2.2845603744	2.2845603744e+0
16.55	2.285941608	2.285941608e+0
16.56	2.2873228416	2.2873228416e+0
16.57	2.2887040752	2.2887040752e+0
16.58	2.2900853088	2.2900853088e+0
16.59	2.2914665424	2.2914665424e+0
16.6	2.292847776	2.292847776e+0
16.61	2.2942290096	2.2942290096e+0
16.62	2.2956102432	2.2956102432e+0
16.63	2.2969914768	2.2969914768e+0
16.64	2.2983727104	2.2983727104e+0
16.65	2.299753944	2.299753944e+0
16.66	2.3011351776	2.3011351776e+0
16.67	2.3025164112	2.3025164112e+0
16.68	2.3038976448	2.3038976448e+0
16.69	2.3052788784	2.3052788784e+0
16.7	2.306660112	2.306660112e+0
16.71	2.3080413456	2.3080413456e+0
16.72	2.3094225792	2.3094225792e+0
16.73	2.3108038128	2.3108038128e+0
16.74	2.3121850464	2.3121850464e+0
16.75	2.31356628	2.31356628e+0
16.76	2.3149475136	2.3149475136e+0
16.77	2.3163287472	2.3163287472e+0
16.78	2.3177099808	2.3177099808e+0
16.79	2.3190912144	2.3190912144e+0
16.8	2.320472448	2.320472448e+0
16.81	2.3218536816	2.3218536816e+0
16.82	2.3232349152	2.3232349152e+0
16.83	2.3246161488	2.3246161488e+0
16.84	2.3259973824	2.3259973824e+0
16.85	2.327378616	2.327378616e+0
16.86	2.3287598496	2.3287598496e+0

16.87	2.3301410832	2.3301410832e+0
16.88	2.3315223168	2.3315223168e+0
16.89	2.3329035504	2.3329035504e+0
16.9	2.334284784	2.334284784e+0
16.91	2.3356660176	2.3356660176e+0
16.92	2.3370472512	2.3370472512e+0
16.93	2.3384284848	2.3384284848e+0
16.94	2.3398097184	2.3398097184e+0
16.95	2.341190952	2.341190952e+0
16.96	2.3425721856	2.3425721856e+0
16.97	2.3439534192	2.3439534192e+0
16.98	2.3453346528	2.3453346528e+0
16.99	2.3467158864	2.3467158864e+0
17	2.34809712	2.34809712e+0
17.01	2.3494783536	2.3494783536e+0
17.02	2.3508595872	2.3508595872e+0
17.03	2.3522408208	2.3522408208e+0
17.04	2.3536220544	2.3536220544e+0
17.05	2.355003288	2.355003288e+0
17.06	2.3563845216	2.3563845216e+0
17.07	2.3577657552	2.3577657552e+0
17.08	2.3591469888	2.3591469888e+0
17.09	2.3605282224	2.3605282224e+0
17.1	2.361909456	2.361909456e+0
17.11	2.3632906896	2.3632906896e+0
17.12	2.3646719232	2.3646719232e+0
17.13	2.3660531568	2.3660531568e+0
17.14	2.3674343904	2.3674343904e+0
17.15	2.368815624	2.368815624e+0
17.16	2.3701968576	2.3701968576e+0
17.17	2.3715780912	2.3715780912e+0
17.18	2.3729593248	2.3729593248e+0
17.19	2.3743405584	2.3743405584e+0
17.2	2.375721792	2.375721792e+0
17.21	2.3771030256	2.3771030256e+0
17.22	2.3784842592	2.3784842592e+0
17.23	2.3798654928	2.3798654928e+0
17.24	2.3812467264	2.3812467264e+0

17.25	2.38262796	2.38262796e+0
17.26	2.3840091936	2.3840091936e+0
17.27	2.3853904272	2.3853904272e+0
17.28	2.3867716608	2.3867716608e+0
17.29	2.3881528944	2.3881528944e+0
17.3	2.389534128	2.389534128e+0
17.31	2.3909153616	2.3909153616e+0
17.32	2.3922965952	2.3922965952e+0
17.33	2.3936778288	2.3936778288e+0
17.34	2.3950590624	2.3950590624e+0
17.35	2.396440296	2.396440296e+0
17.36	2.3978215296	2.3978215296e+0
17.37	2.3992027632	2.3992027632e+0
17.38	2.4005839968	2.4005839968e+0
17.39	2.4019652304	2.4019652304e+0
17.4	2.403346464	2.403346464e+0
17.41	2.4047276976	2.4047276976e+0
17.42	2.4061089312	2.4061089312e+0
17.43	2.4074901648	2.4074901648e+0
17.44	2.4088713984	2.4088713984e+0
17.45	2.410252632	2.410252632e+0
17.46	2.4116338656	2.4116338656e+0
17.47	2.4130150992	2.4130150992e+0
17.48	2.4143963328	2.4143963328e+0
17.49	2.4157775664	2.4157775664e+0
17.5	2.4171588	2.4171588e+0
17.51	2.4185400336	2.4185400336e+0
17.52	2.4199212672	2.4199212672e+0
17.53	2.4213025008	2.4213025008e+0
17.54	2.4226837344	2.4226837344e+0
17.55	2.424064968	2.424064968e+0
17.56	2.4254462016	2.4254462016e+0
17.57	2.4268274352	2.4268274352e+0
17.58	2.4282086688	2.4282086688e+0
17.59	2.4295899024	2.4295899024e+0
17.6	2.430971136	2.430971136e+0
17.61	2.4323523696	2.4323523696e+0
17.62	2.4337336032	2.4337336032e+0

17.63	2.4351148368	2.4351148368e+0
17.64	2.4364960704	2.4364960704e+0
17.65	2.437877304	2.437877304e+0
17.66	2.4392585376	2.4392585376e+0
17.67	2.4406397712	2.4406397712e+0
17.68	2.4420210048	2.4420210048e+0
17.69	2.4434022384	2.4434022384e+0
17.7	2.444783472	2.444783472e+0
17.71	2.4461647056	2.4461647056e+0
17.72	2.4475459392	2.4475459392e+0
17.73	2.4489271728	2.4489271728e+0
17.74	2.4503084064	2.4503084064e+0
17.75	2.45168964	2.45168964e+0
17.76	2.4530708736	2.4530708736e+0
17.77	2.4544521072	2.4544521072e+0
17.78	2.4558333408	2.4558333408e+0
17.79	2.4572145744	2.4572145744e+0
17.8	2.458595808	2.458595808e+0
17.81	2.4599770416	2.4599770416e+0
17.82	2.4613582752	2.4613582752e+0
17.83	2.4627395088	2.4627395088e+0
17.84	2.4641207424	2.4641207424e+0
17.85	2.465501976	2.465501976e+0
17.86	2.4668832096	2.4668832096e+0
17.87	2.4682644432	2.4682644432e+0
17.88	2.4696456768	2.4696456768e+0
17.89	2.4710269104	2.4710269104e+0
17.9	2.472408144	2.472408144e+0
17.91	2.4737893776	2.4737893776e+0
17.92	2.4751706112	2.4751706112e+0
17.93	2.4765518448	2.4765518448e+0
17.94	2.4779330784	2.4779330784e+0
17.95	2.479314312	2.479314312e+0
17.96	2.4806955456	2.4806955456e+0
17.97	2.4820767792	2.4820767792e+0
17.98	2.4834580128	2.4834580128e+0
17.99	2.4848392464	2.4848392464e+0
18	2.48622048	2.48622048e+0

18.01	2.4876017136	2.4876017136e+0
18.02	2.4889829472	2.4889829472e+0
18.03	2.4903641808	2.4903641808e+0
18.04	2.4917454144	2.4917454144e+0
18.05	2.493126648	2.493126648e+0
18.06	2.4945078816	2.4945078816e+0
18.07	2.4958891152	2.4958891152e+0
18.08	2.4972703488	2.4972703488e+0
18.09	2.4986515824	2.4986515824e+0
18.1	2.500032816	2.500032816e+0
18.11	2.5014140496	2.5014140496e+0
18.12	2.5027952832	2.5027952832e+0
18.13	2.5041765168	2.5041765168e+0
18.14	2.5055577504	2.5055577504e+0
18.15	2.506938984	2.506938984e+0
18.16	2.5083202176	2.5083202176e+0
18.17	2.5097014512	2.5097014512e+0
18.18	2.5110826848	2.5110826848e+0
18.19	2.5124639184	2.5124639184e+0
18.2	2.513845152	2.513845152e+0
18.21	2.5152263856	2.5152263856e+0
18.22	2.5166076192	2.5166076192e+0
18.23	2.5179888528	2.5179888528e+0
18.24	2.5193700864	2.5193700864e+0
18.25	2.52075132	2.52075132e+0
18.26	2.5221325536	2.5221325536e+0
18.27	2.5235137872	2.5235137872e+0
18.28	2.5248950208	2.5248950208e+0
18.29	2.5262762544	2.5262762544e+0
18.3	2.527657488	2.527657488e+0
18.31	2.5290387216	2.5290387216e+0
18.32	2.5304199552	2.5304199552e+0
18.33	2.5318011888	2.5318011888e+0
18.34	2.5331824224	2.5331824224e+0
18.35	2.534563656	2.534563656e+0
18.36	2.5359448896	2.5359448896e+0
18.37	2.5373261232	2.5373261232e+0
18.38	2.5387073568	2.5387073568e+0

18.39	2.5400885904	2.5400885904e+0
18.4	2.541469824	2.541469824e+0
18.41	2.5428510576	2.5428510576e+0
18.42	2.5442322912	2.5442322912e+0
18.43	2.5456135248	2.5456135248e+0
18.44	2.5469947584	2.5469947584e+0
18.45	2.548375992	2.548375992e+0
18.46	2.5497572256	2.5497572256e+0
18.47	2.5511384592	2.5511384592e+0
18.48	2.5525196928	2.5525196928e+0
18.49	2.5539009264	2.5539009264e+0
18.5	2.55528216	2.55528216e+0
18.51	2.5566633936	2.5566633936e+0
18.52	2.5580446272	2.5580446272e+0
18.53	2.5594258608	2.5594258608e+0
18.54	2.5608070944	2.5608070944e+0
18.55	2.562188328	2.562188328e+0
18.56	2.5635695616	2.5635695616e+0
18.57	2.5649507952	2.5649507952e+0
18.58	2.5663320288	2.5663320288e+0
18.59	2.5677132624	2.5677132624e+0
18.6	2.569094496	2.569094496e+0
18.61	2.5704757296	2.5704757296e+0
18.62	2.5718569632	2.5718569632e+0
18.63	2.5732381968	2.5732381968e+0
18.64	2.5746194304	2.5746194304e+0
18.65	2.576000664	2.576000664e+0
18.66	2.5773818976	2.5773818976e+0
18.67	2.5787631312	2.5787631312e+0
18.68	2.5801443648	2.5801443648e+0
18.69	2.5815255984	2.5815255984e+0
18.7	2.582906832	2.582906832e+0
18.71	2.5842880656	2.5842880656e+0
18.72	2.5856692992	2.5856692992e+0
18.73	2.5870505328	2.5870505328e+0
18.74	2.5884317664	2.5884317664e+0
18.75	2.589813	2.589813e+0
18.76	2.5911942336	2.5911942336e+0

18.77	2.5925754672	2.5925754672e+0
18.78	2.5939567008	2.5939567008e+0
18.79	2.5953379344	2.5953379344e+0
18.8	2.596719168	2.596719168e+0
18.81	2.5981004016	2.5981004016e+0
18.82	2.5994816352	2.5994816352e+0
18.83	2.6008628688	2.6008628688e+0
18.84	2.6022441024	2.6022441024e+0
18.85	2.603625336	2.603625336e+0
18.86	2.6050065696	2.6050065696e+0
18.87	2.6063878032	2.6063878032e+0
18.88	2.6077690368	2.6077690368e+0
18.89	2.6091502704	2.6091502704e+0
18.9	2.610531504	2.610531504e+0
18.91	2.6119127376	2.6119127376e+0
18.92	2.6132939712	2.6132939712e+0
18.93	2.6146752048	2.6146752048e+0
18.94	2.6160564384	2.6160564384e+0
18.95	2.617437672	2.617437672e+0
18.96	2.6188189056	2.6188189056e+0
18.97	2.6202001392	2.6202001392e+0
18.98	2.6215813728	2.6215813728e+0
18.99	2.6229626064	2.6229626064e+0
19	2.62434384	2.62434384e+0
19.01	2.6257250736	2.6257250736e+0
19.02	2.6271063072	2.6271063072e+0
19.03	2.6284875408	2.6284875408e+0
19.04	2.6298687744	2.6298687744e+0
19.05	2.631250008	2.631250008e+0
19.06	2.6326312416	2.6326312416e+0
19.07	2.6340124752	2.6340124752e+0
19.08	2.6353937088	2.6353937088e+0
19.09	2.6367749424	2.6367749424e+0
19.1	2.638156176	2.638156176e+0
19.11	2.6395374096	2.6395374096e+0
19.12	2.6409186432	2.6409186432e+0
19.13	2.6422998768	2.6422998768e+0
19.14	2.6436811104	2.6436811104e+0

19.15	2.645062344	2.645062344e+0
19.16	2.6464435776	2.6464435776e+0
19.17	2.6478248112	2.6478248112e+0
19.18	2.6492060448	2.6492060448e+0
19.19	2.6505872784	2.6505872784e+0
19.2	2.651968512	2.651968512e+0
19.21	2.6533497456	2.6533497456e+0
19.22	2.6547309792	2.6547309792e+0
19.23	2.6561122128	2.6561122128e+0
19.24	2.6574934464	2.6574934464e+0
19.25	2.65887468	2.65887468e+0
19.26	2.6602559136	2.6602559136e+0
19.27	2.6616371472	2.6616371472e+0
19.28	2.6630183808	2.6630183808e+0
19.29	2.6643996144	2.6643996144e+0
19.3	2.665780848	2.665780848e+0
19.31	2.6671620816	2.6671620816e+0
19.32	2.6685433152	2.6685433152e+0
19.33	2.6699245488	2.6699245488e+0
19.34	2.6713057824	2.6713057824e+0
19.35	2.672687016	2.672687016e+0
19.36	2.6740682496	2.6740682496e+0
19.37	2.6754494832	2.6754494832e+0
19.38	2.6768307168	2.6768307168e+0
19.39	2.6782119504	2.6782119504e+0
19.4	2.679593184	2.679593184e+0
19.41	2.6809744176	2.6809744176e+0
19.42	2.6823556512	2.6823556512e+0
19.43	2.6837368848	2.6837368848e+0
19.44	2.6851181184	2.6851181184e+0
19.45	2.686499352	2.686499352e+0
19.46	2.6878805856	2.6878805856e+0
19.47	2.6892618192	2.6892618192e+0
19.48	2.6906430528	2.6906430528e+0
19.49	2.6920242864	2.6920242864e+0
19.5	2.69340552	2.69340552e+0
19.51	2.6947867536	2.6947867536e+0
19.52	2.6961679872	2.6961679872e+0

19.53	2.6975492208	2.6975492208e+0
19.54	2.6989304544	2.6989304544e+0
19.55	2.700311688	2.700311688e+0
19.56	2.7016929216	2.7016929216e+0
19.57	2.7030741552	2.7030741552e+0
19.58	2.7044553888	2.7044553888e+0
19.59	2.7058366224	2.7058366224e+0
19.6	2.707217856	2.707217856e+0
19.61	2.7085990896	2.7085990896e+0
19.62	2.7099803232	2.7099803232e+0
19.63	2.7113615568	2.7113615568e+0
19.64	2.7127427904	2.7127427904e+0
19.65	2.714124024	2.714124024e+0
19.66	2.7155052576	2.7155052576e+0
19.67	2.7168864912	2.7168864912e+0
19.68	2.7182677248	2.7182677248e+0
19.69	2.7196489584	2.7196489584e+0
19.7	2.721030192	2.721030192e+0
19.71	2.7224114256	2.7224114256e+0
19.72	2.7237926592	2.7237926592e+0
19.73	2.7251738928	2.7251738928e+0
19.74	2.7265551264	2.7265551264e+0
19.75	2.72793636	2.72793636e+0
19.76	2.7293175936	2.7293175936e+0
19.77	2.7306988272	2.7306988272e+0
19.78	2.7320800608	2.7320800608e+0
19.79	2.7334612944	2.7334612944e+0
19.8	2.734842528	2.734842528e+0
19.81	2.7362237616	2.7362237616e+0
19.82	2.7376049952	2.7376049952e+0
19.83	2.7389862288	2.7389862288e+0
19.84	2.7403674624	2.7403674624e+0
19.85	2.741748696	2.741748696e+0
19.86	2.7431299296	2.7431299296e+0
19.87	2.7445111632	2.7445111632e+0
19.88	2.7458923968	2.7458923968e+0
19.89	2.7472736304	2.7472736304e+0
19.9	2.748654864	2.748654864e+0

19.91	2.7500360976	2.7500360976e+0
19.92	2.7514173312	2.7514173312e+0
19.93	2.7527985648	2.7527985648e+0
19.94	2.7541797984	2.7541797984e+0
19.95	2.755561032	2.755561032e+0
19.96	2.7569422656	2.7569422656e+0
19.97	2.7583234992	2.7583234992e+0
19.98	2.7597047328	2.7597047328e+0
19.99	2.7610859664	2.7610859664e+0
20	2.7624672	2.7624672e+0
20.01	2.7638484336	2.7638484336e+0
20.02	2.7652296672	2.7652296672e+0
20.03	2.7666109008	2.7666109008e+0
20.04	2.7679921344	2.7679921344e+0
20.05	2.769373368	2.769373368e+0
20.06	2.7707546016	2.7707546016e+0
20.07	2.7721358352	2.7721358352e+0
20.08	2.7735170688	2.7735170688e+0
20.09	2.7748983024	2.7748983024e+0
20.1	2.776279536	2.776279536e+0
20.11	2.7776607696	2.7776607696e+0
20.12	2.7790420032	2.7790420032e+0
20.13	2.7804232368	2.7804232368e+0
20.14	2.7818044704	2.7818044704e+0
20.15	2.783185704	2.783185704e+0
20.16	2.7845669376	2.7845669376e+0
20.17	2.7859481712	2.7859481712e+0
20.18	2.7873294048	2.7873294048e+0
20.19	2.7887106384	2.7887106384e+0
20.2	2.790091872	2.790091872e+0
20.21	2.7914731056	2.7914731056e+0
20.22	2.7928543392	2.7928543392e+0
20.23	2.7942355728	2.7942355728e+0
20.24	2.7956168064	2.7956168064e+0
20.25	2.79699804	2.79699804e+0
20.26	2.7983792736	2.7983792736e+0
20.27	2.7997605072	2.7997605072e+0
20.28	2.8011417408	2.8011417408e+0

20.29	2.8025229744	2.8025229744e+0
20.3	2.803904208	2.803904208e+0
20.31	2.8052854416	2.8052854416e+0
20.32	2.8066666752	2.8066666752e+0
20.33	2.8080479088	2.8080479088e+0
20.34	2.8094291424	2.8094291424e+0
20.35	2.810810376	2.810810376e+0
20.36	2.8121916096	2.8121916096e+0
20.37	2.8135728432	2.8135728432e+0
20.38	2.8149540768	2.8149540768e+0
20.39	2.8163353104	2.8163353104e+0
20.4	2.817716544	2.817716544e+0
20.41	2.8190977776	2.8190977776e+0
20.42	2.8204790112	2.8204790112e+0
20.43	2.8218602448	2.8218602448e+0
20.44	2.8232414784	2.8232414784e+0
20.45	2.824622712	2.824622712e+0
20.46	2.8260039456	2.8260039456e+0
20.47	2.8273851792	2.8273851792e+0
20.48	2.8287664128	2.8287664128e+0
20.49	2.8301476464	2.8301476464e+0
20.5	2.83152888	2.83152888e+0
20.51	2.8329101136	2.8329101136e+0
20.52	2.8342913472	2.8342913472e+0
20.53	2.8356725808	2.8356725808e+0
20.54	2.8370538144	2.8370538144e+0
20.55	2.838435048	2.838435048e+0
20.56	2.8398162816	2.8398162816e+0
20.57	2.8411975152	2.8411975152e+0
20.58	2.8425787488	2.8425787488e+0
20.59	2.8439599824	2.8439599824e+0
20.6	2.845341216	2.845341216e+0
20.61	2.8467224496	2.8467224496e+0
20.62	2.8481036832	2.8481036832e+0
20.63	2.8494849168	2.8494849168e+0
20.64	2.8508661504	2.8508661504e+0
20.65	2.852247384	2.852247384e+0
20.66	2.8536286176	2.8536286176e+0

20.67	2.8550098512	2.8550098512e+0
20.68	2.8563910848	2.8563910848e+0
20.69	2.8577723184	2.8577723184e+0
20.7	2.859153552	2.859153552e+0
20.71	2.8605347856	2.8605347856e+0
20.72	2.8619160192	2.8619160192e+0
20.73	2.8632972528	2.8632972528e+0
20.74	2.8646784864	2.8646784864e+0
20.75	2.86605972	2.86605972e+0
20.76	2.8674409536	2.8674409536e+0
20.77	2.8688221872	2.8688221872e+0
20.78	2.8702034208	2.8702034208e+0
20.79	2.8715846544	2.8715846544e+0
20.8	2.872965888	2.872965888e+0
20.81	2.8743471216	2.8743471216e+0
20.82	2.8757283552	2.8757283552e+0
20.83	2.8771095888	2.8771095888e+0
20.84	2.8784908224	2.8784908224e+0
20.85	2.879872056	2.879872056e+0
20.86	2.8812532896	2.8812532896e+0
20.87	2.8826345232	2.8826345232e+0
20.88	2.8840157568	2.8840157568e+0
20.89	2.8853969904	2.8853969904e+0
20.9	2.886778224	2.886778224e+0
20.91	2.8881594576	2.8881594576e+0
20.92	2.8895406912	2.8895406912e+0
20.93	2.8909219248	2.8909219248e+0
20.94	2.8923031584	2.8923031584e+0
20.95	2.893684392	2.893684392e+0
20.96	2.8950656256	2.8950656256e+0
20.97	2.8964468592	2.8964468592e+0
20.98	2.8978280928	2.8978280928e+0
20.99	2.8992093264	2.8992093264e+0
21	2.90059056	2.90059056e+0
21.01	2.9019717936	2.9019717936e+0
21.02	2.9033530272	2.9033530272e+0
21.03	2.9047342608	2.9047342608e+0
21.04	2.9061154944	2.9061154944e+0

21.05	2.907496728	2.907496728e+0
21.06	2.9088779616	2.9088779616e+0
21.07	2.9102591952	2.9102591952e+0
21.08	2.9116404288	2.9116404288e+0
21.09	2.9130216624	2.9130216624e+0
21.1	2.914402896	2.914402896e+0
21.11	2.9157841296	2.9157841296e+0
21.12	2.9171653632	2.9171653632e+0
21.13	2.9185465968	2.9185465968e+0
21.14	2.9199278304	2.9199278304e+0
21.15	2.921309064	2.921309064e+0
21.16	2.9226902976	2.9226902976e+0
21.17	2.9240715312	2.9240715312e+0
21.18	2.9254527648	2.9254527648e+0
21.19	2.9268339984	2.9268339984e+0
21.2	2.928215232	2.928215232e+0
21.21	2.9295964656	2.9295964656e+0
21.22	2.9309776992	2.9309776992e+0
21.23	2.9323589328	2.9323589328e+0
21.24	2.9337401664	2.9337401664e+0
21.25	2.9351214	2.9351214e+0
21.26	2.9365026336	2.9365026336e+0
21.27	2.9378838672	2.9378838672e+0
21.28	2.9392651008	2.9392651008e+0
21.29	2.9406463344	2.9406463344e+0
21.3	2.942027568	2.942027568e+0
21.31	2.9434088016	2.9434088016e+0
21.32	2.9447900352	2.9447900352e+0
21.33	2.9461712688	2.9461712688e+0
21.34	2.9475525024	2.9475525024e+0
21.35	2.948933736	2.948933736e+0
21.36	2.9503149696	2.9503149696e+0
21.37	2.9516962032	2.9516962032e+0
21.38	2.9530774368	2.9530774368e+0
21.39	2.9544586704	2.9544586704e+0
21.4	2.955839904	2.955839904e+0
21.41	2.9572211376	2.9572211376e+0
21.42	2.9586023712	2.9586023712e+0

21.43	2.9599836048	2.9599836048e+0
21.44	2.9613648384	2.9613648384e+0
21.45	2.962746072	2.962746072e+0
21.46	2.9641273056	2.9641273056e+0
21.47	2.9655085392	2.9655085392e+0
21.48	2.9668897728	2.9668897728e+0
21.49	2.9682710064	2.9682710064e+0
21.5	2.96965224	2.96965224e+0
21.51	2.9710334736	2.9710334736e+0
21.52	2.9724147072	2.9724147072e+0
21.53	2.9737959408	2.9737959408e+0
21.54	2.9751771744	2.9751771744e+0
21.55	2.976558408	2.976558408e+0
21.56	2.9779396416	2.9779396416e+0
21.57	2.9793208752	2.9793208752e+0
21.58	2.9807021088	2.9807021088e+0
21.59	2.9820833424	2.9820833424e+0
21.6	2.983464576	2.983464576e+0
21.61	2.9848458096	2.9848458096e+0
21.62	2.9862270432	2.9862270432e+0
21.63	2.9876082768	2.9876082768e+0
21.64	2.9889895104	2.9889895104e+0
21.65	2.990370744	2.990370744e+0
21.66	2.9917519776	2.9917519776e+0
21.67	2.9931332112	2.9931332112e+0
21.68	2.9945144448	2.9945144448e+0
21.69	2.9958956784	2.9958956784e+0
21.7	2.997276912	2.997276912e+0
21.71	2.9986581456	2.9986581456e+0
21.72	3.0000393792	3.0000393792e+0
21.73	3.0014206128	3.0014206128e+0
21.74	3.0028018464	3.0028018464e+0
21.75	3.00418308	3.00418308e+0
21.76	3.0055643136	3.0055643136e+0
21.77	3.0069455472	3.0069455472e+0
21.78	3.0083267808	3.0083267808e+0
21.79	3.0097080144	3.0097080144e+0
21.8	3.011089248	3.011089248e+0

21.81	3.0124704816	3.0124704816e+0
21.82	3.0138517152	3.0138517152e+0
21.83	3.0152329488	3.0152329488e+0
21.84	3.0166141824	3.0166141824e+0
21.85	3.017995416	3.017995416e+0
21.86	3.0193766496	3.0193766496e+0
21.87	3.0207578832	3.0207578832e+0
21.88	3.0221391168	3.0221391168e+0
21.89	3.0235203504	3.0235203504e+0
21.9	3.024901584	3.024901584e+0
21.91	3.0262828176	3.0262828176e+0
21.92	3.0276640512	3.0276640512e+0
21.93	3.0290452848	3.0290452848e+0
21.94	3.0304265184	3.0304265184e+0
21.95	3.031807752	3.031807752e+0
21.96	3.0331889856	3.0331889856e+0
21.97	3.0345702192	3.0345702192e+0
21.98	3.0359514528	3.0359514528e+0
21.99	3.0373326864	3.0373326864e+0
22	3.03871392	3.03871392e+0
22.01	3.0400951536	3.0400951536e+0
22.02	3.0414763872	3.0414763872e+0
22.03	3.0428576208	3.0428576208e+0
22.04	3.0442388544	3.0442388544e+0
22.05	3.045620088	3.045620088e+0
22.06	3.0470013216	3.0470013216e+0
22.07	3.0483825552	3.0483825552e+0
22.08	3.0497637888	3.0497637888e+0
22.09	3.0511450224	3.0511450224e+0
22.1	3.052526256	3.052526256e+0
22.11	3.0539074896	3.0539074896e+0
22.12	3.0552887232	3.0552887232e+0
22.13	3.0566699568	3.0566699568e+0
22.14	3.0580511904	3.0580511904e+0
22.15	3.059432424	3.059432424e+0
22.16	3.0608136576	3.0608136576e+0
22.17	3.0621948912	3.0621948912e+0
22.18	3.0635761248	3.0635761248e+0

22.19	3.0649573584	3.0649573584e+0
22.2	3.066338592	3.066338592e+0
22.21	3.0677198256	3.0677198256e+0
22.22	3.0691010592	3.0691010592e+0
22.23	3.0704822928	3.0704822928e+0
22.24	3.0718635264	3.0718635264e+0
22.25	3.07324476	3.07324476e+0
22.26	3.0746259936	3.0746259936e+0
22.27	3.0760072272	3.0760072272e+0
22.28	3.0773884608	3.0773884608e+0
22.29	3.0787696944	3.0787696944e+0
22.3	3.080150928	3.080150928e+0
22.31	3.0815321616	3.0815321616e+0
22.32	3.0829133952	3.0829133952e+0
22.33	3.0842946288	3.0842946288e+0
22.34	3.0856758624	3.0856758624e+0
22.35	3.087057096	3.087057096e+0
22.36	3.0884383296	3.0884383296e+0
22.37	3.0898195632	3.0898195632e+0
22.38	3.0912007968	3.0912007968e+0
22.39	3.0925820304	3.0925820304e+0
22.4	3.093963264	3.093963264e+0
22.41	3.0953444976	3.0953444976e+0
22.42	3.0967257312	3.0967257312e+0
22.43	3.0981069648	3.0981069648e+0
22.44	3.0994881984	3.0994881984e+0
22.45	3.100869432	3.100869432e+0
22.46	3.1022506656	3.1022506656e+0
22.47	3.1036318992	3.1036318992e+0
22.48	3.1050131328	3.1050131328e+0
22.49	3.1063943664	3.1063943664e+0
22.5	3.1077756	3.1077756e+0
22.51	3.1091568336	3.1091568336e+0
22.52	3.1105380672	3.1105380672e+0
22.53	3.1119193008	3.1119193008e+0
22.54	3.1133005344	3.1133005344e+0
22.55	3.114681768	3.114681768e+0
22.56	3.1160630016	3.1160630016e+0

22.57	3.1174442352	3.1174442352e+0
22.58	3.1188254688	3.1188254688e+0
22.59	3.1202067024	3.1202067024e+0
22.6	3.121587936	3.121587936e+0
22.61	3.1229691696	3.1229691696e+0
22.62	3.1243504032	3.1243504032e+0
22.63	3.1257316368	3.1257316368e+0
22.64	3.1271128704	3.1271128704e+0
22.65	3.128494104	3.128494104e+0
22.66	3.1298753376	3.1298753376e+0
22.67	3.1312565712	3.1312565712e+0
22.68	3.1326378048	3.1326378048e+0
22.69	3.1340190384	3.1340190384e+0
22.7	3.135400272	3.135400272e+0
22.71	3.1367815056	3.1367815056e+0
22.72	3.1381627392	3.1381627392e+0
22.73	3.1395439728	3.1395439728e+0
22.74	3.1409252064	3.1409252064e+0
22.75	3.14230644	3.14230644e+0
22.76	3.1436876736	3.1436876736e+0
22.77	3.1450689072	3.1450689072e+0
22.78	3.1464501408	3.1464501408e+0
22.79	3.1478313744	3.1478313744e+0
22.8	3.149212608	3.149212608e+0
22.81	3.1505938416	3.1505938416e+0
22.82	3.1519750752	3.1519750752e+0
22.83	3.1533563088	3.1533563088e+0
22.84	3.1547375424	3.1547375424e+0
22.85	3.156118776	3.156118776e+0
22.86	3.1575000096	3.1575000096e+0
22.87	3.1588812432	3.1588812432e+0
22.88	3.1602624768	3.1602624768e+0
22.89	3.1616437104	3.1616437104e+0
22.9	3.163024944	3.163024944e+0
22.91	3.1644061776	3.1644061776e+0
22.92	3.1657874112	3.1657874112e+0
22.93	3.1671686448	3.1671686448e+0
22.94	3.1685498784	3.1685498784e+0

22.95	3.169931112	3.169931112e+0
22.96	3.1713123456	3.1713123456e+0
22.97	3.1726935792	3.1726935792e+0
22.98	3.1740748128	3.1740748128e+0
22.99	3.1754560464	3.1754560464e+0
23	3.17683728	3.17683728e+0
23.01	3.1782185136	3.1782185136e+0
23.02	3.1795997472	3.1795997472e+0
23.03	3.1809809808	3.1809809808e+0
23.04	3.1823622144	3.1823622144e+0
23.05	3.183743448	3.183743448e+0
23.06	3.1851246816	3.1851246816e+0
23.07	3.1865059152	3.1865059152e+0
23.08	3.1878871488	3.1878871488e+0
23.09	3.1892683824	3.1892683824e+0
23.1	3.190649616	3.190649616e+0
23.11	3.1920308496	3.1920308496e+0
23.12	3.1934120832	3.1934120832e+0
23.13	3.1947933168	3.1947933168e+0
23.14	3.1961745504	3.1961745504e+0
23.15	3.197555784	3.197555784e+0
23.16	3.1989370176	3.1989370176e+0
23.17	3.2003182512	3.2003182512e+0
23.18	3.2016994848	3.2016994848e+0
23.19	3.2030807184	3.2030807184e+0
23.2	3.204461952	3.204461952e+0
23.21	3.2058431856	3.2058431856e+0
23.22	3.2072244192	3.2072244192e+0
23.23	3.2086056528	3.2086056528e+0
23.24	3.2099868864	3.2099868864e+0
23.25	3.21136812	3.21136812e+0
23.26	3.2127493536	3.2127493536e+0
23.27	3.2141305872	3.2141305872e+0
23.28	3.2155118208	3.2155118208e+0
23.29	3.2168930544	3.2168930544e+0
23.3	3.218274288	3.218274288e+0
23.31	3.2196555216	3.2196555216e+0
23.32	3.2210367552	3.2210367552e+0

23.33	3.2224179888	3.2224179888e+0
23.34	3.2237992224	3.2237992224e+0
23.35	3.225180456	3.225180456e+0
23.36	3.2265616896	3.2265616896e+0
23.37	3.2279429232	3.2279429232e+0
23.38	3.2293241568	3.2293241568e+0
23.39	3.2307053904	3.2307053904e+0
23.4	3.232086624	3.232086624e+0
23.41	3.2334678576	3.2334678576e+0
23.42	3.2348490912	3.2348490912e+0
23.43	3.2362303248	3.2362303248e+0
23.44	3.2376115584	3.2376115584e+0
23.45	3.238992792	3.238992792e+0
23.46	3.2403740256	3.2403740256e+0
23.47	3.2417552592	3.2417552592e+0
23.48	3.2431364928	3.2431364928e+0
23.49	3.2445177264	3.2445177264e+0
23.5	3.24589896	3.24589896e+0
23.51	3.2472801936	3.2472801936e+0
23.52	3.2486614272	3.2486614272e+0
23.53	3.2500426608	3.2500426608e+0
23.54	3.2514238944	3.2514238944e+0
23.55	3.252805128	3.252805128e+0
23.56	3.2541863616	3.2541863616e+0
23.57	3.2555675952	3.2555675952e+0
23.58	3.2569488288	3.2569488288e+0
23.59	3.2583300624	3.2583300624e+0
23.6	3.259711296	3.259711296e+0
23.61	3.2610925296	3.2610925296e+0
23.62	3.2624737632	3.2624737632e+0
23.63	3.2638549968	3.2638549968e+0
23.64	3.2652362304	3.2652362304e+0
23.65	3.266617464	3.266617464e+0
23.66	3.2679986976	3.2679986976e+0
23.67	3.2693799312	3.2693799312e+0
23.68	3.2707611648	3.2707611648e+0
23.69	3.2721423984	3.2721423984e+0
23.7	3.273523632	3.273523632e+0

23.71	3.2749048656	3.2749048656e+0
23.72	3.2762860992	3.2762860992e+0
23.73	3.2776673328	3.2776673328e+0
23.74	3.2790485664	3.2790485664e+0
23.75	3.2804298	3.2804298e+0
23.76	3.2818110336	3.2818110336e+0
23.77	3.2831922672	3.2831922672e+0
23.78	3.2845735008	3.2845735008e+0
23.79	3.2859547344	3.2859547344e+0
23.8	3.287335968	3.287335968e+0
23.81	3.2887172016	3.2887172016e+0
23.82	3.2900984352	3.2900984352e+0
23.83	3.2914796688	3.2914796688e+0
23.84	3.2928609024	3.2928609024e+0
23.85	3.294242136	3.294242136e+0
23.86	3.2956233696	3.2956233696e+0
23.87	3.2970046032	3.2970046032e+0
23.88	3.2983858368	3.2983858368e+0
23.89	3.2997670704	3.2997670704e+0
23.9	3.301148304	3.301148304e+0
23.91	3.3025295376	3.3025295376e+0
23.92	3.3039107712	3.3039107712e+0
23.93	3.3052920048	3.3052920048e+0
23.94	3.3066732384	3.3066732384e+0
23.95	3.308054472	3.308054472e+0
23.96	3.3094357056	3.3094357056e+0
23.97	3.3108169392	3.3108169392e+0
23.98	3.3121981728	3.3121981728e+0
23.99	3.3135794064	3.3135794064e+0
24	3.31496064	3.31496064e+0
24.01	3.3163418736	3.3163418736e+0
24.02	3.3177231072	3.3177231072e+0
24.03	3.3191043408	3.3191043408e+0
24.04	3.3204855744	3.3204855744e+0
24.05	3.321866808	3.321866808e+0
24.06	3.3232480416	3.3232480416e+0
24.07	3.3246292752	3.3246292752e+0
24.08	3.3260105088	3.3260105088e+0

24.09	3.3273917424	3.3273917424e+0
24.1	3.328772976	3.328772976e+0
24.11	3.3301542096	3.3301542096e+0
24.12	3.3315354432	3.3315354432e+0
24.13	3.3329166768	3.3329166768e+0
24.14	3.3342979104	3.3342979104e+0
24.15	3.335679144	3.335679144e+0
24.16	3.3370603776	3.3370603776e+0
24.17	3.3384416112	3.3384416112e+0
24.18	3.3398228448	3.3398228448e+0
24.19	3.3412040784	3.3412040784e+0
24.2	3.342585312	3.342585312e+0
24.21	3.3439665456	3.3439665456e+0
24.22	3.3453477792	3.3453477792e+0
24.23	3.3467290128	3.3467290128e+0
24.24	3.3481102464	3.3481102464e+0
24.25	3.34949148	3.34949148e+0
24.26	3.3508727136	3.3508727136e+0
24.27	3.3522539472	3.3522539472e+0
24.28	3.3536351808	3.3536351808e+0
24.29	3.3550164144	3.3550164144e+0
24.3	3.356397648	3.356397648e+0
24.31	3.3577788816	3.3577788816e+0
24.32	3.3591601152	3.3591601152e+0
24.33	3.3605413488	3.3605413488e+0
24.34	3.3619225824	3.3619225824e+0
24.35	3.363303816	3.363303816e+0
24.36	3.3646850496	3.3646850496e+0
24.37	3.3660662832	3.3660662832e+0
24.38	3.3674475168	3.3674475168e+0
24.39	3.3688287504	3.3688287504e+0
24.4	3.370209984	3.370209984e+0
24.41	3.3715912176	3.3715912176e+0
24.42	3.3729724512	3.3729724512e+0
24.43	3.3743536848	3.3743536848e+0
24.44	3.3757349184	3.3757349184e+0
24.45	3.377116152	3.377116152e+0
24.46	3.3784973856	3.3784973856e+0

24.47	3.3798786192	3.3798786192e+0
24.48	3.3812598528	3.3812598528e+0
24.49	3.3826410864	3.3826410864e+0
24.5	3.38402232	3.38402232e+0
24.51	3.3854035536	3.3854035536e+0
24.52	3.3867847872	3.3867847872e+0
24.53	3.3881660208	3.3881660208e+0
24.54	3.3895472544	3.3895472544e+0
24.55	3.390928488	3.390928488e+0
24.56	3.3923097216	3.3923097216e+0
24.57	3.3936909552	3.3936909552e+0
24.58	3.3950721888	3.3950721888e+0
24.59	3.3964534224	3.3964534224e+0
24.6	3.397834656	3.397834656e+0
24.61	3.3992158896	3.3992158896e+0
24.62	3.4005971232	3.4005971232e+0
24.63	3.4019783568	3.4019783568e+0
24.64	3.4033595904	3.4033595904e+0
24.65	3.404740824	3.404740824e+0
24.66	3.4061220576	3.4061220576e+0
24.67	3.4075032912	3.4075032912e+0
24.68	3.4088845248	3.4088845248e+0
24.69	3.4102657584	3.4102657584e+0
24.7	3.411646992	3.411646992e+0
24.71	3.4130282256	3.4130282256e+0
24.72	3.4144094592	3.4144094592e+0
24.73	3.4157906928	3.4157906928e+0
24.74	3.4171719264	3.4171719264e+0
24.75	3.41855316	3.41855316e+0
24.76	3.4199343936	3.4199343936e+0
24.77	3.4213156272	3.4213156272e+0
24.78	3.4226968608	3.4226968608e+0
24.79	3.4240780944	3.4240780944e+0
24.8	3.425459328	3.425459328e+0
24.81	3.4268405616	3.4268405616e+0
24.82	3.4282217952	3.4282217952e+0
24.83	3.4296030288	3.4296030288e+0
24.84	3.4309842624	3.4309842624e+0

24.85	3.432365496	3.432365496e+0
24.86	3.4337467296	3.4337467296e+0
24.87	3.4351279632	3.4351279632e+0
24.88	3.4365091968	3.4365091968e+0
24.89	3.4378904304	3.4378904304e+0
24.9	3.439271664	3.439271664e+0
24.91	3.4406528976	3.4406528976e+0
24.92	3.4420341312	3.4420341312e+0
24.93	3.4434153648	3.4434153648e+0
24.94	3.4447965984	3.4447965984e+0
24.95	3.446177832	3.446177832e+0
24.96	3.4475590656	3.4475590656e+0
24.97	3.4489402992	3.4489402992e+0
24.98	3.4503215328	3.4503215328e+0
24.99	3.4517027664	3.4517027664e+0
25	3.453084	3.453084e+0
25.01	3.4544652336	3.4544652336e+0
25.02	3.4558464672	3.4558464672e+0
25.03	3.4572277008	3.4572277008e+0
25.04	3.4586089344	3.4586089344e+0
25.05	3.459990168	3.459990168e+0
25.06	3.4613714016	3.4613714016e+0
25.07	3.4627526352	3.4627526352e+0
25.08	3.4641338688	3.4641338688e+0
25.09	3.4655151024	3.4655151024e+0
25.1	3.466896336	3.466896336e+0
25.11	3.4682775696	3.4682775696e+0
25.12	3.4696588032	3.4696588032e+0
25.13	3.4710400368	3.4710400368e+0
25.14	3.4724212704	3.4724212704e+0
25.15	3.473802504	3.473802504e+0
25.16	3.4751837376	3.4751837376e+0
25.17	3.4765649712	3.4765649712e+0
25.18	3.4779462048	3.4779462048e+0
25.19	3.4793274384	3.4793274384e+0
25.2	3.480708672	3.480708672e+0
25.21	3.4820899056	3.4820899056e+0
25.22	3.4834711392	3.4834711392e+0

25.23	3.4848523728	3.4848523728e+0
25.24	3.4862336064	3.4862336064e+0
25.25	3.48761484	3.48761484e+0
25.26	3.4889960736	3.4889960736e+0
25.27	3.4903773072	3.4903773072e+0
25.28	3.4917585408	3.4917585408e+0
25.29	3.4931397744	3.4931397744e+0
25.3	3.494521008	3.494521008e+0
25.31	3.4959022416	3.4959022416e+0
25.32	3.4972834752	3.4972834752e+0
25.33	3.4986647088	3.4986647088e+0
25.34	3.5000459424	3.5000459424e+0
25.35	3.501427176	3.501427176e+0
25.36	3.5028084096	3.5028084096e+0
25.37	3.5041896432	3.5041896432e+0
25.38	3.5055708768	3.5055708768e+0
25.39	3.5069521104	3.5069521104e+0
25.4	3.508333344	3.508333344e+0
25.41	3.5097145776	3.5097145776e+0
25.42	3.5110958112	3.5110958112e+0
25.43	3.5124770448	3.5124770448e+0
25.44	3.5138582784	3.5138582784e+0
25.45	3.515239512	3.515239512e+0
25.46	3.5166207456	3.5166207456e+0
25.47	3.5180019792	3.5180019792e+0
25.48	3.5193832128	3.5193832128e+0
25.49	3.5207644464	3.5207644464e+0
25.5	3.52214568	3.52214568e+0
25.51	3.5235269136	3.5235269136e+0
25.52	3.5249081472	3.5249081472e+0
25.53	3.5262893808	3.5262893808e+0
25.54	3.5276706144	3.5276706144e+0
25.55	3.529051848	3.529051848e+0
25.56	3.5304330816	3.5304330816e+0
25.57	3.5318143152	3.5318143152e+0
25.58	3.5331955488	3.5331955488e+0
25.59	3.5345767824	3.5345767824e+0
25.6	3.535958016	3.535958016e+0

25.61	3.5373392496	3.5373392496e+0
25.62	3.5387204832	3.5387204832e+0
25.63	3.5401017168	3.5401017168e+0
25.64	3.5414829504	3.5414829504e+0
25.65	3.542864184	3.542864184e+0
25.66	3.5442454176	3.5442454176e+0
25.67	3.5456266512	3.5456266512e+0
25.68	3.5470078848	3.5470078848e+0
25.69	3.5483891184	3.5483891184e+0
25.7	3.549770352	3.549770352e+0
25.71	3.5511515856	3.5511515856e+0
25.72	3.5525328192	3.5525328192e+0
25.73	3.5539140528	3.5539140528e+0
25.74	3.5552952864	3.5552952864e+0
25.75	3.55667652	3.55667652e+0
25.76	3.5580577536	3.5580577536e+0
25.77	3.5594389872	3.5594389872e+0
25.78	3.5608202208	3.5608202208e+0
25.79	3.5622014544	3.5622014544e+0
25.8	3.563582688	3.563582688e+0
25.81	3.5649639216	3.5649639216e+0
25.82	3.5663451552	3.5663451552e+0
25.83	3.5677263888	3.5677263888e+0
25.84	3.5691076224	3.5691076224e+0
25.85	3.570488856	3.570488856e+0
25.86	3.5718700896	3.5718700896e+0
25.87	3.5732513232	3.5732513232e+0
25.88	3.5746325568	3.5746325568e+0
25.89	3.5760137904	3.5760137904e+0
25.9	3.577395024	3.577395024e+0
25.91	3.5787762576	3.5787762576e+0
25.92	3.5801574912	3.5801574912e+0
25.93	3.5815387248	3.5815387248e+0
25.94	3.5829199584	3.5829199584e+0
25.95	3.584301192	3.584301192e+0
25.96	3.5856824256	3.5856824256e+0
25.97	3.5870636592	3.5870636592e+0
25.98	3.5884448928	3.5884448928e+0

25.99	3.5898261264	3.5898261264e+0
26	3.59120736	3.59120736e+0
26.01	3.5925885936	3.5925885936e+0
26.02	3.5939698272	3.5939698272e+0
26.03	3.5953510608	3.5953510608e+0
26.04	3.5967322944	3.5967322944e+0
26.05	3.598113528	3.598113528e+0
26.06	3.5994947616	3.5994947616e+0
26.07	3.6008759952	3.6008759952e+0
26.08	3.6022572288	3.6022572288e+0
26.09	3.6036384624	3.6036384624e+0
26.1	3.605019696	3.605019696e+0
26.11	3.6064009296	3.6064009296e+0
26.12	3.6077821632	3.6077821632e+0
26.13	3.6091633968	3.6091633968e+0
26.14	3.6105446304	3.6105446304e+0
26.15	3.611925864	3.611925864e+0
26.16	3.6133070976	3.6133070976e+0
26.17	3.6146883312	3.6146883312e+0
26.18	3.6160695648	3.6160695648e+0
26.19	3.6174507984	3.6174507984e+0
26.2	3.618832032	3.618832032e+0
26.21	3.6202132656	3.6202132656e+0
26.22	3.6215944992	3.6215944992e+0
26.23	3.6229757328	3.6229757328e+0
26.24	3.6243569664	3.6243569664e+0
26.25	3.6257382	3.6257382e+0
26.26	3.6271194336	3.6271194336e+0
26.27	3.6285006672	3.6285006672e+0
26.28	3.6298819008	3.6298819008e+0
26.29	3.6312631344	3.6312631344e+0
26.3	3.632644368	3.632644368e+0
26.31	3.6340256016	3.6340256016e+0
26.32	3.6354068352	3.6354068352e+0
26.33	3.6367880688	3.6367880688e+0
26.34	3.6381693024	3.6381693024e+0
26.35	3.639550536	3.639550536e+0
26.36	3.6409317696	3.6409317696e+0

26.37	3.6423130032	3.6423130032e+0
26.38	3.6436942368	3.6436942368e+0
26.39	3.6450754704	3.6450754704e+0
26.4	3.646456704	3.646456704e+0
26.41	3.6478379376	3.6478379376e+0
26.42	3.6492191712	3.6492191712e+0
26.43	3.6506004048	3.6506004048e+0
26.44	3.6519816384	3.6519816384e+0
26.45	3.653362872	3.653362872e+0
26.46	3.6547441056	3.6547441056e+0
26.47	3.6561253392	3.6561253392e+0
26.48	3.6575065728	3.6575065728e+0
26.49	3.6588878064	3.6588878064e+0
26.5	3.66026904	3.66026904e+0
26.51	3.6616502736	3.6616502736e+0
26.52	3.6630315072	3.6630315072e+0
26.53	3.6644127408	3.6644127408e+0
26.54	3.6657939744	3.6657939744e+0
26.55	3.667175208	3.667175208e+0
26.56	3.6685564416	3.6685564416e+0
26.57	3.6699376752	3.6699376752e+0
26.58	3.6713189088	3.6713189088e+0
26.59	3.6727001424	3.6727001424e+0
26.6	3.674081376	3.674081376e+0
26.61	3.6754626096	3.6754626096e+0
26.62	3.6768438432	3.6768438432e+0
26.63	3.6782250768	3.6782250768e+0
26.64	3.6796063104	3.6796063104e+0
26.65	3.680987544	3.680987544e+0
26.66	3.6823687776	3.6823687776e+0
26.67	3.6837500112	3.6837500112e+0
26.68	3.6851312448	3.6851312448e+0
26.69	3.6865124784	3.6865124784e+0
26.7	3.687893712	3.687893712e+0
26.71	3.6892749456	3.6892749456e+0
26.72	3.6906561792	3.6906561792e+0
26.73	3.6920374128	3.6920374128e+0
26.74	3.6934186464	3.6934186464e+0

26.75	3.69479988	3.69479988e+0
26.76	3.6961811136	3.6961811136e+0
26.77	3.6975623472	3.6975623472e+0
26.78	3.6989435808	3.6989435808e+0
26.79	3.7003248144	3.7003248144e+0
26.8	3.701706048	3.701706048e+0
26.81	3.7030872816	3.7030872816e+0
26.82	3.7044685152	3.7044685152e+0
26.83	3.7058497488	3.7058497488e+0
26.84	3.7072309824	3.7072309824e+0
26.85	3.708612216	3.708612216e+0
26.86	3.7099934496	3.7099934496e+0
26.87	3.7113746832	3.7113746832e+0
26.88	3.7127559168	3.7127559168e+0
26.89	3.7141371504	3.7141371504e+0
26.9	3.715518384	3.715518384e+0
26.91	3.7168996176	3.7168996176e+0
26.92	3.7182808512	3.7182808512e+0
26.93	3.7196620848	3.7196620848e+0
26.94	3.7210433184	3.7210433184e+0
26.95	3.722424552	3.722424552e+0
26.96	3.7238057856	3.7238057856e+0
26.97	3.7251870192	3.7251870192e+0
26.98	3.7265682528	3.7265682528e+0
26.99	3.7279494864	3.7279494864e+0
27	3.72933072	3.72933072e+0
27.01	3.7307119536	3.7307119536e+0
27.02	3.7320931872	3.7320931872e+0
27.03	3.7334744208	3.7334744208e+0
27.04	3.7348556544	3.7348556544e+0
27.05	3.736236888	3.736236888e+0
27.06	3.7376181216	3.7376181216e+0
27.07	3.7389993552	3.7389993552e+0
27.08	3.7403805888	3.7403805888e+0
27.09	3.7417618224	3.7417618224e+0
27.1	3.743143056	3.743143056e+0
27.11	3.7445242896	3.7445242896e+0
27.12	3.7459055232	3.7459055232e+0

27.13	3.7472867568	3.7472867568e+0
27.14	3.7486679904	3.7486679904e+0
27.15	3.750049224	3.750049224e+0
27.16	3.7514304576	3.7514304576e+0
27.17	3.7528116912	3.7528116912e+0
27.18	3.7541929248	3.7541929248e+0
27.19	3.7555741584	3.7555741584e+0
27.2	3.756955392	3.756955392e+0
27.21	3.7583366256	3.7583366256e+0
27.22	3.7597178592	3.7597178592e+0
27.23	3.7610990928	3.7610990928e+0
27.24	3.7624803264	3.7624803264e+0
27.25	3.76386156	3.76386156e+0
27.26	3.7652427936	3.7652427936e+0
27.27	3.7666240272	3.7666240272e+0
27.28	3.7680052608	3.7680052608e+0
27.29	3.7693864944	3.7693864944e+0
27.3	3.770767728	3.770767728e+0
27.31	3.7721489616	3.7721489616e+0
27.32	3.7735301952	3.7735301952e+0
27.33	3.7749114288	3.7749114288e+0
27.34	3.7762926624	3.7762926624e+0
27.35	3.777673896	3.777673896e+0
27.36	3.7790551296	3.7790551296e+0
27.37	3.7804363632	3.7804363632e+0
27.38	3.7818175968	3.7818175968e+0
27.39	3.7831988304	3.7831988304e+0
27.4	3.784580064	3.784580064e+0
27.41	3.7859612976	3.7859612976e+0
27.42	3.7873425312	3.7873425312e+0
27.43	3.7887237648	3.7887237648e+0
27.44	3.7901049984	3.7901049984e+0
27.45	3.791486232	3.791486232e+0
27.46	3.7928674656	3.7928674656e+0
27.47	3.7942486992	3.7942486992e+0
27.48	3.7956299328	3.7956299328e+0
27.49	3.7970111664	3.7970111664e+0
27.5	3.7983924	3.7983924e+0

27.51	3.7997736336	3.7997736336e+0
27.52	3.8011548672	3.8011548672e+0
27.53	3.8025361008	3.8025361008e+0
27.54	3.8039173344	3.8039173344e+0
27.55	3.805298568	3.805298568e+0
27.56	3.8066798016	3.8066798016e+0
27.57	3.8080610352	3.8080610352e+0
27.58	3.8094422688	3.8094422688e+0
27.59	3.8108235024	3.8108235024e+0
27.6	3.812204736	3.812204736e+0
27.61	3.8135859696	3.8135859696e+0
27.62	3.8149672032	3.8149672032e+0
27.63	3.8163484368	3.8163484368e+0
27.64	3.8177296704	3.8177296704e+0
27.65	3.819110904	3.819110904e+0
27.66	3.8204921376	3.8204921376e+0
27.67	3.8218733712	3.8218733712e+0
27.68	3.8232546048	3.8232546048e+0
27.69	3.8246358384	3.8246358384e+0
27.7	3.826017072	3.826017072e+0
27.71	3.8273983056	3.8273983056e+0
27.72	3.8287795392	3.8287795392e+0
27.73	3.8301607728	3.8301607728e+0
27.74	3.8315420064	3.8315420064e+0
27.75	3.83292324	3.83292324e+0
27.76	3.8343044736	3.8343044736e+0
27.77	3.8356857072	3.8356857072e+0
27.78	3.8370669408	3.8370669408e+0
27.79	3.8384481744	3.8384481744e+0
27.8	3.839829408	3.839829408e+0
27.81	3.8412106416	3.8412106416e+0
27.82	3.8425918752	3.8425918752e+0
27.83	3.8439731088	3.8439731088e+0
27.84	3.8453543424	3.8453543424e+0
27.85	3.846735576	3.846735576e+0
27.86	3.8481168096	3.8481168096e+0
27.87	3.8494980432	3.8494980432e+0
27.88	3.8508792768	3.8508792768e+0

27.89	3.8522605104	3.8522605104e+0
27.9	3.853641744	3.853641744e+0
27.91	3.8550229776	3.8550229776e+0
27.92	3.8564042112	3.8564042112e+0
27.93	3.8577854448	3.8577854448e+0
27.94	3.8591666784	3.8591666784e+0
27.95	3.860547912	3.860547912e+0
27.96	3.8619291456	3.8619291456e+0
27.97	3.8633103792	3.8633103792e+0
27.98	3.8646916128	3.8646916128e+0
27.99	3.8660728464	3.8660728464e+0
28	3.86745408	3.86745408e+0
28.01	3.8688353136	3.8688353136e+0
28.02	3.8702165472	3.8702165472e+0
28.03	3.8715977808	3.8715977808e+0
28.04	3.8729790144	3.8729790144e+0
28.05	3.874360248	3.874360248e+0
28.06	3.8757414816	3.8757414816e+0
28.07	3.8771227152	3.8771227152e+0
28.08	3.8785039488	3.8785039488e+0
28.09	3.8798851824	3.8798851824e+0
28.1	3.881266416	3.881266416e+0
28.11	3.8826476496	3.8826476496e+0
28.12	3.8840288832	3.8840288832e+0
28.13	3.8854101168	3.8854101168e+0
28.14	3.8867913504	3.8867913504e+0
28.15	3.888172584	3.888172584e+0
28.16	3.8895538176	3.8895538176e+0
28.17	3.8909350512	3.8909350512e+0
28.18	3.8923162848	3.8923162848e+0
28.19	3.8936975184	3.8936975184e+0
28.2	3.895078752	3.895078752e+0
28.21	3.8964599856	3.8964599856e+0
28.22	3.8978412192	3.8978412192e+0
28.23	3.8992224528	3.8992224528e+0
28.24	3.9006036864	3.9006036864e+0
28.25	3.90198492	3.90198492e+0
28.26	3.9033661536	3.9033661536e+0

28.27	3.9047473872	3.9047473872e+0
28.28	3.9061286208	3.9061286208e+0
28.29	3.9075098544	3.9075098544e+0
28.3	3.908891088	3.908891088e+0
28.31	3.9102723216	3.9102723216e+0
28.32	3.9116535552	3.9116535552e+0
28.33	3.9130347888	3.9130347888e+0
28.34	3.9144160224	3.9144160224e+0
28.35	3.915797256	3.915797256e+0
28.36	3.9171784896	3.9171784896e+0
28.37	3.9185597232	3.9185597232e+0
28.38	3.9199409568	3.9199409568e+0
28.39	3.9213221904	3.9213221904e+0
28.4	3.922703424	3.922703424e+0
28.41	3.9240846576	3.9240846576e+0
28.42	3.9254658912	3.9254658912e+0
28.43	3.9268471248	3.9268471248e+0
28.44	3.9282283584	3.9282283584e+0
28.45	3.929609592	3.929609592e+0
28.46	3.9309908256	3.9309908256e+0
28.47	3.9323720592	3.9323720592e+0
28.48	3.9337532928	3.9337532928e+0
28.49	3.9351345264	3.9351345264e+0
28.5	3.93651576	3.93651576e+0
28.51	3.9378969936	3.9378969936e+0
28.52	3.9392782272	3.9392782272e+0
28.53	3.9406594608	3.9406594608e+0
28.54	3.9420406944	3.9420406944e+0
28.55	3.943421928	3.943421928e+0
28.56	3.9448031616	3.9448031616e+0
28.57	3.9461843952	3.9461843952e+0
28.58	3.9475656288	3.9475656288e+0
28.59	3.9489468624	3.9489468624e+0
28.6	3.950328096	3.950328096e+0
28.61	3.9517093296	3.9517093296e+0
28.62	3.9530905632	3.9530905632e+0
28.63	3.9544717968	3.9544717968e+0
28.64	3.9558530304	3.9558530304e+0

28.65	3.957234264	3.957234264e+0
28.66	3.9586154976	3.9586154976e+0
28.67	3.9599967312	3.9599967312e+0
28.68	3.9613779648	3.9613779648e+0
28.69	3.9627591984	3.9627591984e+0
28.7	3.964140432	3.964140432e+0
28.71	3.9655216656	3.9655216656e+0
28.72	3.9669028992	3.9669028992e+0
28.73	3.9682841328	3.9682841328e+0
28.74	3.9696653664	3.9696653664e+0
28.75	3.9710466	3.9710466e+0
28.76	3.9724278336	3.9724278336e+0
28.77	3.9738090672	3.9738090672e+0
28.78	3.9751903008	3.9751903008e+0
28.79	3.9765715344	3.9765715344e+0
28.8	3.977952768	3.977952768e+0
28.81	3.9793340016	3.9793340016e+0
28.82	3.9807152352	3.9807152352e+0
28.83	3.9820964688	3.9820964688e+0
28.84	3.9834777024	3.9834777024e+0
28.85	3.984858936	3.984858936e+0
28.86	3.9862401696	3.9862401696e+0
28.87	3.9876214032	3.9876214032e+0
28.88	3.9890026368	3.9890026368e+0
28.89	3.9903838704	3.9903838704e+0
28.9	3.991765104	3.991765104e+0
28.91	3.9931463376	3.9931463376e+0
28.92	3.9945275712	3.9945275712e+0
28.93	3.9959088048	3.9959088048e+0
28.94	3.9972900384	3.9972900384e+0
28.95	3.998671272	3.998671272e+0
28.96	4.0000525056	4.0000525056e+0
28.97	4.0014337392	4.0014337392e+0
28.98	4.0028149728	4.0028149728e+0
28.99	4.0041962064	4.0041962064e+0
29	4.00557744	4.00557744e+0
29.01	4.0069586736	4.0069586736e+0
29.02	4.0083399072	4.0083399072e+0

29.03	4.0097211408	4.0097211408e+0
29.04	4.0111023744	4.0111023744e+0
29.05	4.012483608	4.012483608e+0
29.06	4.0138648416	4.0138648416e+0
29.07	4.0152460752	4.0152460752e+0
29.08	4.0166273088	4.0166273088e+0
29.09	4.0180085424	4.0180085424e+0
29.1	4.019389776	4.019389776e+0
29.11	4.0207710096	4.0207710096e+0
29.12	4.0221522432	4.0221522432e+0
29.13	4.0235334768	4.0235334768e+0
29.14	4.0249147104	4.0249147104e+0
29.15	4.026295944	4.026295944e+0
29.16	4.0276771776	4.0276771776e+0
29.17	4.0290584112	4.0290584112e+0
29.18	4.0304396448	4.0304396448e+0
29.19	4.0318208784	4.0318208784e+0
29.2	4.033202112	4.033202112e+0
29.21	4.0345833456	4.0345833456e+0
29.22	4.0359645792	4.0359645792e+0
29.23	4.0373458128	4.0373458128e+0
29.24	4.0387270464	4.0387270464e+0
29.25	4.04010828	4.04010828e+0
29.26	4.0414895136	4.0414895136e+0
29.27	4.0428707472	4.0428707472e+0
29.28	4.0442519808	4.0442519808e+0
29.29	4.0456332144	4.0456332144e+0
29.3	4.047014448	4.047014448e+0
29.31	4.0483956816	4.0483956816e+0
29.32	4.0497769152	4.0497769152e+0
29.33	4.0511581488	4.0511581488e+0
29.34	4.0525393824	4.0525393824e+0
29.35	4.053920616	4.053920616e+0
29.36	4.0553018496	4.0553018496e+0
29.37	4.0566830832	4.0566830832e+0
29.38	4.0580643168	4.0580643168e+0
29.39	4.0594455504	4.0594455504e+0
29.4	4.060826784	4.060826784e+0

29.41	4.0622080176	4.0622080176e+0
29.42	4.0635892512	4.0635892512e+0
29.43	4.0649704848	4.0649704848e+0
29.44	4.0663517184	4.0663517184e+0
29.45	4.067732952	4.067732952e+0
29.46	4.0691141856	4.0691141856e+0
29.47	4.0704954192	4.0704954192e+0
29.48	4.0718766528	4.0718766528e+0
29.49	4.0732578864	4.0732578864e+0
29.5	4.07463912	4.07463912e+0
29.51	4.0760203536	4.0760203536e+0
29.52	4.0774015872	4.0774015872e+0
29.53	4.0787828208	4.0787828208e+0
29.54	4.0801640544	4.0801640544e+0
29.55	4.081545288	4.081545288e+0
29.56	4.0829265216	4.0829265216e+0
29.57	4.0843077552	4.0843077552e+0
29.58	4.0856889888	4.0856889888e+0
29.59	4.0870702224	4.0870702224e+0
29.6	4.088451456	4.088451456e+0
29.61	4.0898326896	4.0898326896e+0
29.62	4.0912139232	4.0912139232e+0
29.63	4.0925951568	4.0925951568e+0
29.64	4.0939763904	4.0939763904e+0
29.65	4.095357624	4.095357624e+0
29.66	4.0967388576	4.0967388576e+0
29.67	4.0981200912	4.0981200912e+0
29.68	4.0995013248	4.0995013248e+0
29.69	4.1008825584	4.1008825584e+0
29.7	4.102263792	4.102263792e+0
29.71	4.1036450256	4.1036450256e+0
29.72	4.1050262592	4.1050262592e+0
29.73	4.1064074928	4.1064074928e+0
29.74	4.1077887264	4.1077887264e+0
29.75	4.10916996	4.10916996e+0
29.76	4.1105511936	4.1105511936e+0
29.77	4.1119324272	4.1119324272e+0
29.78	4.1133136608	4.1133136608e+0

29.79	4.1146948944	4.1146948944e+0
29.8	4.116076128	4.116076128e+0
29.81	4.1174573616	4.1174573616e+0
29.82	4.1188385952	4.1188385952e+0
29.83	4.1202198288	4.1202198288e+0
29.84	4.1216010624	4.1216010624e+0
29.85	4.122982296	4.122982296e+0
29.86	4.1243635296	4.1243635296e+0
29.87	4.1257447632	4.1257447632e+0
29.88	4.1271259968	4.1271259968e+0
29.89	4.1285072304	4.1285072304e+0
29.9	4.129888464	4.129888464e+0
29.91	4.1312696976	4.1312696976e+0
29.92	4.1326509312	4.1326509312e+0
29.93	4.1340321648	4.1340321648e+0
29.94	4.1354133984	4.1354133984e+0
29.95	4.136794632	4.136794632e+0
29.96	4.1381758656	4.1381758656e+0
29.97	4.1395570992	4.1395570992e+0
29.98	4.1409383328	4.1409383328e+0
29.99	4.1423195664	4.1423195664e+0
30	4.1437008	4.1437008e+0
30.01	4.1450820336	4.1450820336e+0
30.02	4.1464632672	4.1464632672e+0
30.03	4.1478445008	4.1478445008e+0
30.04	4.1492257344	4.1492257344e+0
30.05	4.150606968	4.150606968e+0
30.06	4.1519882016	4.1519882016e+0
30.07	4.1533694352	4.1533694352e+0
30.08	4.1547506688	4.1547506688e+0
30.09	4.1561319024	4.1561319024e+0
30.1	4.157513136	4.157513136e+0
30.11	4.1588943696	4.1588943696e+0
30.12	4.1602756032	4.1602756032e+0
30.13	4.1616568368	4.1616568368e+0
30.14	4.1630380704	4.1630380704e+0
30.15	4.164419304	4.164419304e+0
30.16	4.1658005376	4.1658005376e+0

30.17	4.1671817712	4.1671817712e+0
30.18	4.1685630048	4.1685630048e+0
30.19	4.1699442384	4.1699442384e+0
30.2	4.171325472	4.171325472e+0
30.21	4.1727067056	4.1727067056e+0
30.22	4.1740879392	4.1740879392e+0
30.23	4.1754691728	4.1754691728e+0
30.24	4.1768504064	4.1768504064e+0
30.25	4.17823164	4.17823164e+0
30.26	4.1796128736	4.1796128736e+0
30.27	4.1809941072	4.1809941072e+0
30.28	4.1823753408	4.1823753408e+0
30.29	4.1837565744	4.1837565744e+0
30.3	4.185137808	4.185137808e+0
30.31	4.1865190416	4.1865190416e+0
30.32	4.1879002752	4.1879002752e+0
30.33	4.1892815088	4.1892815088e+0
30.34	4.1906627424	4.1906627424e+0
30.35	4.192043976	4.192043976e+0
30.36	4.1934252096	4.1934252096e+0
30.37	4.1948064432	4.1948064432e+0
30.38	4.1961876768	4.1961876768e+0
30.39	4.1975689104	4.1975689104e+0
30.4	4.198950144	4.198950144e+0
30.41	4.2003313776	4.2003313776e+0
30.42	4.2017126112	4.2017126112e+0
30.43	4.2030938448	4.2030938448e+0
30.44	4.2044750784	4.2044750784e+0
30.45	4.205856312	4.205856312e+0
30.46	4.2072375456	4.2072375456e+0
30.47	4.2086187792	4.2086187792e+0
30.48	4.2100000128	4.2100000128e+0
30.49	4.2113812464	4.2113812464e+0
30.5	4.21276248	4.21276248e+0
30.51	4.2141437136	4.2141437136e+0
30.52	4.2155249472	4.2155249472e+0
30.53	4.2169061808	4.2169061808e+0
30.54	4.2182874144	4.2182874144e+0

30.55	4.219668648	4.219668648e+0
30.56	4.2210498816	4.2210498816e+0
30.57	4.2224311152	4.2224311152e+0
30.58	4.2238123488	4.2238123488e+0
30.59	4.2251935824	4.2251935824e+0
30.6	4.226574816	4.226574816e+0
30.61	4.2279560496	4.2279560496e+0
30.62	4.2293372832	4.2293372832e+0
30.63	4.2307185168	4.2307185168e+0
30.64	4.2320997504	4.2320997504e+0
30.65	4.233480984	4.233480984e+0
30.66	4.2348622176	4.2348622176e+0
30.67	4.2362434512	4.2362434512e+0
30.68	4.2376246848	4.2376246848e+0
30.69	4.2390059184	4.2390059184e+0
30.7	4.240387152	4.240387152e+0
30.71	4.2417683856	4.2417683856e+0
30.72	4.2431496192	4.2431496192e+0
30.73	4.2445308528	4.2445308528e+0
30.74	4.2459120864	4.2459120864e+0
30.75	4.24729332	4.24729332e+0
30.76	4.2486745536	4.2486745536e+0
30.77	4.2500557872	4.2500557872e+0
30.78	4.2514370208	4.2514370208e+0
30.79	4.2528182544	4.2528182544e+0
30.8	4.254199488	4.254199488e+0
30.81	4.2555807216	4.2555807216e+0
30.82	4.2569619552	4.2569619552e+0
30.83	4.2583431888	4.2583431888e+0
30.84	4.2597244224	4.2597244224e+0
30.85	4.261105656	4.261105656e+0
30.86	4.2624868896	4.2624868896e+0
30.87	4.2638681232	4.2638681232e+0
30.88	4.2652493568	4.2652493568e+0
30.89	4.2666305904	4.2666305904e+0
30.9	4.268011824	4.268011824e+0
30.91	4.2693930576	4.2693930576e+0
30.92	4.2707742912	4.2707742912e+0

30.93	4.2721555248	4.2721555248e+0
30.94	4.2735367584	4.2735367584e+0
30.95	4.274917992	4.274917992e+0
30.96	4.2762992256	4.2762992256e+0
30.97	4.2776804592	4.2776804592e+0
30.98	4.2790616928	4.2790616928e+0
30.99	4.2804429264	4.2804429264e+0
31	4.28182416	4.28182416e+0
31.01	4.2832053936	4.2832053936e+0
31.02	4.2845866272	4.2845866272e+0
31.03	4.2859678608	4.2859678608e+0
31.04	4.2873490944	4.2873490944e+0
31.05	4.288730328	4.288730328e+0
31.06	4.2901115616	4.2901115616e+0
31.07	4.2914927952	4.2914927952e+0
31.08	4.2928740288	4.2928740288e+0
31.09	4.2942552624	4.2942552624e+0
31.1	4.295636496	4.295636496e+0
31.11	4.2970177296	4.2970177296e+0
31.12	4.2983989632	4.2983989632e+0
31.13	4.2997801968	4.2997801968e+0
31.14	4.3011614304	4.3011614304e+0
31.15	4.302542664	4.302542664e+0
31.16	4.3039238976	4.3039238976e+0
31.17	4.3053051312	4.3053051312e+0
31.18	4.3066863648	4.3066863648e+0
31.19	4.3080675984	4.3080675984e+0
31.2	4.309448832	4.309448832e+0
31.21	4.3108300656	4.3108300656e+0
31.22	4.3122112992	4.3122112992e+0
31.23	4.3135925328	4.3135925328e+0
31.24	4.3149737664	4.3149737664e+0
31.25	4.316355	4.316355e+0
31.26	4.3177362336	4.3177362336e+0
31.27	4.3191174672	4.3191174672e+0
31.28	4.3204987008	4.3204987008e+0
31.29	4.3218799344	4.3218799344e+0
31.3	4.323261168	4.323261168e+0

31.31	4.3246424016	4.3246424016e+0
31.32	4.3260236352	4.3260236352e+0
31.33	4.3274048688	4.3274048688e+0
31.34	4.3287861024	4.3287861024e+0
31.35	4.330167336	4.330167336e+0
31.36	4.3315485696	4.3315485696e+0
31.37	4.3329298032	4.3329298032e+0
31.38	4.3343110368	4.3343110368e+0
31.39	4.3356922704	4.3356922704e+0
31.4	4.337073504	4.337073504e+0
31.41	4.3384547376	4.3384547376e+0
31.42	4.3398359712	4.3398359712e+0
31.43	4.3412172048	4.3412172048e+0
31.44	4.3425984384	4.3425984384e+0
31.45	4.343979672	4.343979672e+0
31.46	4.3453609056	4.3453609056e+0
31.47	4.3467421392	4.3467421392e+0
31.48	4.3481233728	4.3481233728e+0
31.49	4.3495046064	4.3495046064e+0
31.5	4.35088584	4.35088584e+0
31.51	4.3522670736	4.3522670736e+0
31.52	4.3536483072	4.3536483072e+0
31.53	4.3550295408	4.3550295408e+0
31.54	4.3564107744	4.3564107744e+0
31.55	4.357792008	4.357792008e+0
31.56	4.3591732416	4.3591732416e+0
31.57	4.3605544752	4.3605544752e+0
31.58	4.3619357088	4.3619357088e+0
31.59	4.3633169424	4.3633169424e+0
31.6	4.364698176	4.364698176e+0
31.61	4.3660794096	4.3660794096e+0
31.62	4.3674606432	4.3674606432e+0
31.63	4.3688418768	4.3688418768e+0
31.64	4.3702231104	4.3702231104e+0
31.65	4.371604344	4.371604344e+0
31.66	4.3729855776	4.3729855776e+0
31.67	4.3743668112	4.3743668112e+0
31.68	4.3757480448	4.3757480448e+0

31.69	4.3771292784	4.3771292784e+0
31.7	4.378510512	4.378510512e+0
31.71	4.3798917456	4.3798917456e+0
31.72	4.3812729792	4.3812729792e+0
31.73	4.3826542128	4.3826542128e+0
31.74	4.3840354464	4.3840354464e+0
31.75	4.38541668	4.38541668e+0
31.76	4.3867979136	4.3867979136e+0
31.77	4.3881791472	4.3881791472e+0
31.78	4.3895603808	4.3895603808e+0
31.79	4.3909416144	4.3909416144e+0
31.8	4.392322848	4.392322848e+0
31.81	4.3937040816	4.3937040816e+0
31.82	4.3950853152	4.3950853152e+0
31.83	4.3964665488	4.3964665488e+0
31.84	4.3978477824	4.3978477824e+0
31.85	4.399229016	4.399229016e+0
31.86	4.4006102496	4.4006102496e+0
31.87	4.4019914832	4.4019914832e+0
31.88	4.4033727168	4.4033727168e+0
31.89	4.4047539504	4.4047539504e+0
31.9	4.406135184	4.406135184e+0
31.91	4.4075164176	4.4075164176e+0
31.92	4.4088976512	4.4088976512e+0
31.93	4.4102788848	4.4102788848e+0
31.94	4.4116601184	4.4116601184e+0
31.95	4.413041352	4.413041352e+0
31.96	4.4144225856	4.4144225856e+0
31.97	4.4158038192	4.4158038192e+0
31.98	4.4171850528	4.4171850528e+0
31.99	4.4185662864	4.4185662864e+0
32	4.41994752	4.41994752e+0
32.01	4.4213287536	4.4213287536e+0
32.02	4.4227099872	4.4227099872e+0
32.03	4.4240912208	4.4240912208e+0
32.04	4.4254724544	4.4254724544e+0
32.05	4.426853688	4.426853688e+0
32.06	4.4282349216	4.4282349216e+0

32.07	4.4296161552	4.4296161552e+0
32.08	4.4309973888	4.4309973888e+0
32.09	4.4323786224	4.4323786224e+0
32.1	4.433759856	4.433759856e+0
32.11	4.4351410896	4.4351410896e+0
32.12	4.4365223232	4.4365223232e+0
32.13	4.4379035568	4.4379035568e+0
32.14	4.4392847904	4.4392847904e+0
32.15	4.440666024	4.440666024e+0
32.16	4.4420472576	4.4420472576e+0
32.17	4.4434284912	4.4434284912e+0
32.18	4.4448097248	4.4448097248e+0
32.19	4.4461909584	4.4461909584e+0
32.2	4.447572192	4.447572192e+0
32.21	4.4489534256	4.4489534256e+0
32.22	4.4503346592	4.4503346592e+0
32.23	4.4517158928	4.4517158928e+0
32.24	4.4530971264	4.4530971264e+0
32.25	4.45447836	4.45447836e+0
32.26	4.4558595936	4.4558595936e+0
32.27	4.4572408272	4.4572408272e+0
32.28	4.4586220608	4.4586220608e+0
32.29	4.4600032944	4.4600032944e+0
32.3	4.461384528	4.461384528e+0
32.31	4.4627657616	4.4627657616e+0
32.32	4.4641469952	4.4641469952e+0
32.33	4.4655282288	4.4655282288e+0
32.34	4.4669094624	4.4669094624e+0
32.35	4.468290696	4.468290696e+0
32.36	4.4696719296	4.4696719296e+0
32.37	4.4710531632	4.4710531632e+0
32.38	4.4724343968	4.4724343968e+0
32.39	4.4738156304	4.4738156304e+0
32.4	4.475196864	4.475196864e+0
32.41	4.4765780976	4.4765780976e+0
32.42	4.4779593312	4.4779593312e+0
32.43	4.4793405648	4.4793405648e+0
32.44	4.4807217984	4.4807217984e+0

32.45	4.482103032	4.482103032e+0
32.46	4.4834842656	4.4834842656e+0
32.47	4.4848654992	4.4848654992e+0
32.48	4.4862467328	4.4862467328e+0
32.49	4.4876279664	4.4876279664e+0
32.5	4.4890092	4.4890092e+0
32.51	4.4903904336	4.4903904336e+0
32.52	4.4917716672	4.4917716672e+0
32.53	4.4931529008	4.4931529008e+0
32.54	4.4945341344	4.4945341344e+0
32.55	4.495915368	4.495915368e+0
32.56	4.4972966016	4.4972966016e+0
32.57	4.4986778352	4.4986778352e+0
32.58	4.5000590688	4.5000590688e+0
32.59	4.5014403024	4.5014403024e+0
32.6	4.502821536	4.502821536e+0
32.61	4.5042027696	4.5042027696e+0
32.62	4.5055840032	4.5055840032e+0
32.63	4.5069652368	4.5069652368e+0
32.64	4.5083464704	4.5083464704e+0
32.65	4.509727704	4.509727704e+0
32.66	4.5111089376	4.5111089376e+0
32.67	4.5124901712	4.5124901712e+0
32.68	4.5138714048	4.5138714048e+0
32.69	4.5152526384	4.5152526384e+0
32.7	4.516633872	4.516633872e+0
32.71	4.5180151056	4.5180151056e+0
32.72	4.5193963392	4.5193963392e+0
32.73	4.5207775728	4.5207775728e+0
32.74	4.5221588064	4.5221588064e+0
32.75	4.52354004	4.52354004e+0
32.76	4.5249212736	4.5249212736e+0
32.77	4.5263025072	4.5263025072e+0
32.78	4.5276837408	4.5276837408e+0
32.79	4.5290649744	4.5290649744e+0
32.8	4.530446208	4.530446208e+0
32.81	4.5318274416	4.5318274416e+0
32.82	4.5332086752	4.5332086752e+0

32.83	4.5345899088	4.5345899088e+0
32.84	4.5359711424	4.5359711424e+0
32.85	4.537352376	4.537352376e+0
32.86	4.5387336096	4.5387336096e+0
32.87	4.5401148432	4.5401148432e+0
32.88	4.5414960768	4.5414960768e+0
32.89	4.5428773104	4.5428773104e+0
32.9	4.544258544	4.544258544e+0
32.91	4.5456397776	4.5456397776e+0
32.92	4.5470210112	4.5470210112e+0
32.93	4.5484022448	4.5484022448e+0
32.94	4.5497834784	4.5497834784e+0
32.95	4.551164712	4.551164712e+0
32.96	4.5525459456	4.5525459456e+0
32.97	4.5539271792	4.5539271792e+0
32.98	4.5553084128	4.5553084128e+0
32.99	4.5566896464	4.5566896464e+0
33	4.55807088	4.55807088e+0
33.01	4.5594521136	4.5594521136e+0
33.02	4.5608333472	4.5608333472e+0
33.03	4.5622145808	4.5622145808e+0
33.04	4.5635958144	4.5635958144e+0
33.05	4.564977048	4.564977048e+0
33.06	4.5663582816	4.5663582816e+0
33.07	4.5677395152	4.5677395152e+0
33.08	4.5691207488	4.5691207488e+0
33.09	4.5705019824	4.5705019824e+0
33.1	4.571883216	4.571883216e+0
33.11	4.5732644496	4.5732644496e+0
33.12	4.5746456832	4.5746456832e+0
33.13	4.5760269168	4.5760269168e+0
33.14	4.5774081504	4.5774081504e+0
33.15	4.578789384	4.578789384e+0
33.16	4.5801706176	4.5801706176e+0
33.17	4.5815518512	4.5815518512e+0
33.18	4.5829330848	4.5829330848e+0
33.19	4.5843143184	4.5843143184e+0
33.2	4.585695552	4.585695552e+0

33.21	4.5870767856	4.5870767856e+0
33.22	4.5884580192	4.5884580192e+0
33.23	4.5898392528	4.5898392528e+0
33.24	4.5912204864	4.5912204864e+0
33.25	4.59260172	4.59260172e+0
33.26	4.5939829536	4.5939829536e+0
33.27	4.5953641872	4.5953641872e+0
33.28	4.5967454208	4.5967454208e+0
33.29	4.5981266544	4.5981266544e+0
33.3	4.599507888	4.599507888e+0
33.31	4.6008891216	4.6008891216e+0
33.32	4.6022703552	4.6022703552e+0
33.33	4.6036515888	4.6036515888e+0
33.34	4.6050328224	4.6050328224e+0
33.35	4.606414056	4.606414056e+0
33.36	4.6077952896	4.6077952896e+0
33.37	4.6091765232	4.6091765232e+0
33.38	4.6105577568	4.6105577568e+0
33.39	4.6119389904	4.6119389904e+0
33.4	4.613320224	4.613320224e+0
33.41	4.6147014576	4.6147014576e+0
33.42	4.6160826912	4.6160826912e+0
33.43	4.6174639248	4.6174639248e+0
33.44	4.6188451584	4.6188451584e+0
33.45	4.620226392	4.620226392e+0
33.46	4.6216076256	4.6216076256e+0
33.47	4.6229888592	4.6229888592e+0
33.48	4.6243700928	4.6243700928e+0
33.49	4.6257513264	4.6257513264e+0
33.5	4.62713256	4.62713256e+0
33.51	4.6285137936	4.6285137936e+0
33.52	4.6298950272	4.6298950272e+0
33.53	4.6312762608	4.6312762608e+0
33.54	4.6326574944	4.6326574944e+0
33.55	4.634038728	4.634038728e+0
33.56	4.6354199616	4.6354199616e+0
33.57	4.6368011952	4.6368011952e+0
33.58	4.6381824288	4.6381824288e+0

33.59	4.6395636624	4.6395636624e+0
33.6	4.640944896	4.640944896e+0
33.61	4.6423261296	4.6423261296e+0
33.62	4.6437073632	4.6437073632e+0
33.63	4.6450885968	4.6450885968e+0
33.64	4.6464698304	4.6464698304e+0
33.65	4.647851064	4.647851064e+0
33.66	4.6492322976	4.6492322976e+0
33.67	4.6506135312	4.6506135312e+0
33.68	4.6519947648	4.6519947648e+0
33.69	4.6533759984	4.6533759984e+0
33.7	4.654757232	4.654757232e+0
33.71	4.6561384656	4.6561384656e+0
33.72	4.6575196992	4.6575196992e+0
33.73	4.6589009328	4.6589009328e+0
33.74	4.6602821664	4.6602821664e+0
33.75	4.6616634	4.6616634e+0
33.76	4.6630446336	4.6630446336e+0
33.77	4.6644258672	4.6644258672e+0
33.78	4.6658071008	4.6658071008e+0
33.79	4.6671883344	4.6671883344e+0
33.8	4.668569568	4.668569568e+0
33.81	4.6699508016	4.6699508016e+0
33.82	4.6713320352	4.6713320352e+0
33.83	4.6727132688	4.6727132688e+0
33.84	4.6740945024	4.6740945024e+0
33.85	4.675475736	4.675475736e+0
33.86	4.6768569696	4.6768569696e+0
33.87	4.6782382032	4.6782382032e+0
33.88	4.6796194368	4.6796194368e+0
33.89	4.6810006704	4.6810006704e+0
33.9	4.682381904	4.682381904e+0
33.91	4.6837631376	4.6837631376e+0
33.92	4.6851443712	4.6851443712e+0
33.93	4.6865256048	4.6865256048e+0
33.94	4.6879068384	4.6879068384e+0
33.95	4.689288072	4.689288072e+0
33.96	4.6906693056	4.6906693056e+0

33.97	4.6920505392	4.6920505392e+0
33.98	4.6934317728	4.6934317728e+0
33.99	4.6948130064	4.6948130064e+0
34	4.69619424	4.69619424e+0
34.01	4.6975754736	4.6975754736e+0
34.02	4.6989567072	4.6989567072e+0
34.03	4.7003379408	4.7003379408e+0
34.04	4.7017191744	4.7017191744e+0
34.05	4.703100408	4.703100408e+0
34.06	4.7044816416	4.7044816416e+0
34.07	4.7058628752	4.7058628752e+0
34.08	4.7072441088	4.7072441088e+0
34.09	4.7086253424	4.7086253424e+0
34.1	4.710006576	4.710006576e+0
34.11	4.7113878096	4.7113878096e+0
34.12	4.7127690432	4.7127690432e+0
34.13	4.7141502768	4.7141502768e+0
34.14	4.7155315104	4.7155315104e+0
34.15	4.716912744	4.716912744e+0
34.16	4.7182939776	4.7182939776e+0
34.17	4.7196752112	4.7196752112e+0
34.18	4.7210564448	4.7210564448e+0
34.19	4.7224376784	4.7224376784e+0
34.2	4.723818912	4.723818912e+0
34.21	4.7252001456	4.7252001456e+0
34.22	4.7265813792	4.7265813792e+0
34.23	4.7279626128	4.7279626128e+0
34.24	4.7293438464	4.7293438464e+0
34.25	4.73072508	4.73072508e+0
34.26	4.7321063136	4.7321063136e+0
34.27	4.7334875472	4.7334875472e+0
34.28	4.7348687808	4.7348687808e+0
34.29	4.7362500144	4.7362500144e+0
34.3	4.737631248	4.737631248e+0
34.31	4.7390124816	4.7390124816e+0
34.32	4.7403937152	4.7403937152e+0
34.33	4.7417749488	4.7417749488e+0
34.34	4.7431561824	4.7431561824e+0

34.35	4.744537416	4.744537416e+0
34.36	4.7459186496	4.7459186496e+0
34.37	4.7472998832	4.7472998832e+0
34.38	4.7486811168	4.7486811168e+0
34.39	4.7500623504	4.7500623504e+0
34.4	4.751443584	4.751443584e+0
34.41	4.7528248176	4.7528248176e+0
34.42	4.7542060512	4.7542060512e+0
34.43	4.7555872848	4.7555872848e+0
34.44	4.7569685184	4.7569685184e+0
34.45	4.758349752	4.758349752e+0
34.46	4.7597309856	4.7597309856e+0
34.47	4.7611122192	4.7611122192e+0
34.48	4.7624934528	4.7624934528e+0
34.49	4.7638746864	4.7638746864e+0
34.5	4.76525592	4.76525592e+0
34.51	4.7666371536	4.7666371536e+0
34.52	4.7680183872	4.7680183872e+0
34.53	4.7693996208	4.7693996208e+0
34.54	4.7707808544	4.7707808544e+0
34.55	4.772162088	4.772162088e+0
34.56	4.7735433216	4.7735433216e+0
34.57	4.7749245552	4.7749245552e+0
34.58	4.7763057888	4.7763057888e+0
34.59	4.7776870224	4.7776870224e+0
34.6	4.779068256	4.779068256e+0
34.61	4.7804494896	4.7804494896e+0
34.62	4.7818307232	4.7818307232e+0
34.63	4.7832119568	4.7832119568e+0
34.64	4.7845931904	4.7845931904e+0
34.65	4.785974424	4.785974424e+0
34.66	4.7873556576	4.7873556576e+0
34.67	4.7887368912	4.7887368912e+0
34.68	4.7901181248	4.7901181248e+0
34.69	4.7914993584	4.7914993584e+0
34.7	4.792880592	4.792880592e+0
34.71	4.7942618256	4.7942618256e+0
34.72	4.7956430592	4.7956430592e+0

34.73	4.7970242928	4.7970242928e+0
34.74	4.7984055264	4.7984055264e+0
34.75	4.79978676	4.79978676e+0
34.76	4.8011679936	4.8011679936e+0
34.77	4.8025492272	4.8025492272e+0
34.78	4.8039304608	4.8039304608e+0
34.79	4.8053116944	4.8053116944e+0
34.8	4.806692928	4.806692928e+0
34.81	4.8080741616	4.8080741616e+0
34.82	4.8094553952	4.8094553952e+0
34.83	4.8108366288	4.8108366288e+0
34.84	4.8122178624	4.8122178624e+0
34.85	4.813599096	4.813599096e+0
34.86	4.8149803296	4.8149803296e+0
34.87	4.8163615632	4.8163615632e+0
34.88	4.8177427968	4.8177427968e+0
34.89	4.8191240304	4.8191240304e+0
34.9	4.820505264	4.820505264e+0
34.91	4.8218864976	4.8218864976e+0
34.92	4.8232677312	4.8232677312e+0
34.93	4.8246489648	4.8246489648e+0
34.94	4.8260301984	4.8260301984e+0
34.95	4.827411432	4.827411432e+0
34.96	4.8287926656	4.8287926656e+0
34.97	4.8301738992	4.8301738992e+0
34.98	4.8315551328	4.8315551328e+0
34.99	4.8329363664	4.8329363664e+0
35	4.8343176	4.8343176e+0
35.01	4.8356988336	4.8356988336e+0
35.02	4.8370800672	4.8370800672e+0
35.03	4.8384613008	4.8384613008e+0
35.04	4.8398425344	4.8398425344e+0
35.05	4.841223768	4.841223768e+0
35.06	4.8426050016	4.8426050016e+0
35.07	4.8439862352	4.8439862352e+0
35.08	4.8453674688	4.8453674688e+0
35.09	4.8467487024	4.8467487024e+0
35.1	4.848129936	4.848129936e+0

35.11	4.8495111696	4.8495111696e+0
35.12	4.8508924032	4.8508924032e+0
35.13	4.8522736368	4.8522736368e+0
35.14	4.8536548704	4.8536548704e+0
35.15	4.855036104	4.855036104e+0
35.16	4.8564173376	4.8564173376e+0
35.17	4.8577985712	4.8577985712e+0
35.18	4.8591798048	4.8591798048e+0
35.19	4.8605610384	4.8605610384e+0
35.2	4.861942272	4.861942272e+0
35.21	4.8633235056	4.8633235056e+0
35.22	4.8647047392	4.8647047392e+0
35.23	4.8660859728	4.8660859728e+0
35.24	4.8674672064	4.8674672064e+0
35.25	4.86884844	4.86884844e+0
35.26	4.8702296736	4.8702296736e+0
35.27	4.8716109072	4.8716109072e+0
35.28	4.8729921408	4.8729921408e+0
35.29	4.8743733744	4.8743733744e+0
35.3	4.875754608	4.875754608e+0
35.31	4.8771358416	4.8771358416e+0
35.32	4.8785170752	4.8785170752e+0
35.33	4.8798983088	4.8798983088e+0
35.34	4.8812795424	4.8812795424e+0
35.35	4.882660776	4.882660776e+0
35.36	4.8840420096	4.8840420096e+0
35.37	4.8854232432	4.8854232432e+0
35.38	4.8868044768	4.8868044768e+0
35.39	4.8881857104	4.8881857104e+0
35.4	4.889566944	4.889566944e+0
35.41	4.8909481776	4.8909481776e+0
35.42	4.8923294112	4.8923294112e+0
35.43	4.8937106448	4.8937106448e+0
35.44	4.8950918784	4.8950918784e+0
35.45	4.896473112	4.896473112e+0
35.46	4.8978543456	4.8978543456e+0
35.47	4.8992355792	4.8992355792e+0
35.48	4.9006168128	4.9006168128e+0

35.49	4.9019980464	4.9019980464e+0
35.5	4.90337928	4.90337928e+0
35.51	4.9047605136	4.9047605136e+0
35.52	4.9061417472	4.9061417472e+0
35.53	4.9075229808	4.9075229808e+0
35.54	4.9089042144	4.9089042144e+0
35.55	4.910285448	4.910285448e+0
35.56	4.9116666816	4.9116666816e+0
35.57	4.9130479152	4.9130479152e+0
35.58	4.9144291488	4.9144291488e+0
35.59	4.9158103824	4.9158103824e+0
35.6	4.917191616	4.917191616e+0
35.61	4.9185728496	4.9185728496e+0
35.62	4.9199540832	4.9199540832e+0
35.63	4.9213353168	4.9213353168e+0
35.64	4.9227165504	4.9227165504e+0
35.65	4.924097784	4.924097784e+0
35.66	4.9254790176	4.9254790176e+0
35.67	4.9268602512	4.9268602512e+0
35.68	4.9282414848	4.9282414848e+0
35.69	4.9296227184	4.9296227184e+0
35.7	4.931003952	4.931003952e+0
35.71	4.9323851856	4.9323851856e+0
35.72	4.9337664192	4.9337664192e+0
35.73	4.9351476528	4.9351476528e+0
35.74	4.9365288864	4.9365288864e+0
35.75	4.93791012	4.93791012e+0
35.76	4.9392913536	4.9392913536e+0
35.77	4.9406725872	4.9406725872e+0
35.78	4.9420538208	4.9420538208e+0
35.79	4.9434350544	4.9434350544e+0
35.8	4.944816288	4.944816288e+0
35.81	4.9461975216	4.9461975216e+0
35.82	4.9475787552	4.9475787552e+0
35.83	4.9489599888	4.9489599888e+0
35.84	4.9503412224	4.9503412224e+0
35.85	4.951722456	4.951722456e+0
35.86	4.9531036896	4.9531036896e+0

35.87	4.9544849232	4.9544849232e+0
35.88	4.9558661568	4.9558661568e+0
35.89	4.9572473904	4.9572473904e+0
35.9	4.958628624	4.958628624e+0
35.91	4.9600098576	4.9600098576e+0
35.92	4.9613910912	4.9613910912e+0
35.93	4.9627723248	4.9627723248e+0
35.94	4.9641535584	4.9641535584e+0
35.95	4.965534792	4.965534792e+0
35.96	4.9669160256	4.9669160256e+0
35.97	4.9682972592	4.9682972592e+0
35.98	4.9696784928	4.9696784928e+0
35.99	4.9710597264	4.9710597264e+0
36	4.97244096	4.97244096e+0
36.01	4.9738221936	4.9738221936e+0
36.02	4.9752034272	4.9752034272e+0
36.03	4.9765846608	4.9765846608e+0
36.04	4.9779658944	4.9779658944e+0
36.05	4.979347128	4.979347128e+0
36.06	4.9807283616	4.9807283616e+0
36.07	4.9821095952	4.9821095952e+0
36.08	4.9834908288	4.9834908288e+0
36.09	4.9848720624	4.9848720624e+0
36.1	4.986253296	4.986253296e+0
36.11	4.9876345296	4.9876345296e+0
36.12	4.9890157632	4.9890157632e+0
36.13	4.9903969968	4.9903969968e+0
36.14	4.9917782304	4.9917782304e+0
36.15	4.993159464	4.993159464e+0
36.16	4.9945406976	4.9945406976e+0
36.17	4.9959219312	4.9959219312e+0
36.18	4.9973031648	4.9973031648e+0
36.19	4.9986843984	4.9986843984e+0
36.2	5.000065632	5.000065632e+0
36.21	5.0014468656	5.0014468656e+0
36.22	5.0028280992	5.0028280992e+0
36.23	5.0042093328	5.0042093328e+0
36.24	5.0055905664	5.0055905664e+0

36.25	5.0069718	5.0069718e+0
36.26	5.0083530336	5.0083530336e+0
36.27	5.0097342672	5.0097342672e+0
36.28	5.0111155008	5.0111155008e+0
36.29	5.0124967344	5.0124967344e+0
36.3	5.013877968	5.013877968e+0
36.31	5.0152592016	5.0152592016e+0
36.32	5.0166404352	5.0166404352e+0
36.33	5.0180216688	5.0180216688e+0
36.34	5.0194029024	5.0194029024e+0
36.35	5.020784136	5.020784136e+0
36.36	5.0221653696	5.0221653696e+0
36.37	5.0235466032	5.0235466032e+0
36.38	5.0249278368	5.0249278368e+0
36.39	5.0263090704	5.0263090704e+0
36.4	5.027690304	5.027690304e+0
36.41	5.0290715376	5.0290715376e+0
36.42	5.0304527712	5.0304527712e+0
36.43	5.0318340048	5.0318340048e+0
36.44	5.0332152384	5.0332152384e+0
36.45	5.034596472	5.034596472e+0
36.46	5.0359777056	5.0359777056e+0
36.47	5.0373589392	5.0373589392e+0
36.48	5.0387401728	5.0387401728e+0
36.49	5.0401214064	5.0401214064e+0
36.5	5.04150264	5.04150264e+0
36.51	5.0428838736	5.0428838736e+0
36.52	5.0442651072	5.0442651072e+0
36.53	5.0456463408	5.0456463408e+0
36.54	5.0470275744	5.0470275744e+0
36.55	5.048408808	5.048408808e+0
36.56	5.0497900416	5.0497900416e+0
36.57	5.0511712752	5.0511712752e+0
36.58	5.0525525088	5.0525525088e+0
36.59	5.0539337424	5.0539337424e+0
36.6	5.055314976	5.055314976e+0
36.61	5.0566962096	5.0566962096e+0
36.62	5.0580774432	5.0580774432e+0

36.63	5.0594586768	5.0594586768e+0
36.64	5.0608399104	5.0608399104e+0
36.65	5.062221144	5.062221144e+0
36.66	5.0636023776	5.0636023776e+0
36.67	5.0649836112	5.0649836112e+0
36.68	5.0663648448	5.0663648448e+0
36.69	5.0677460784	5.0677460784e+0
36.7	5.069127312	5.069127312e+0
36.71	5.0705085456	5.0705085456e+0
36.72	5.0718897792	5.0718897792e+0
36.73	5.0732710128	5.0732710128e+0
36.74	5.0746522464	5.0746522464e+0
36.75	5.07603348	5.07603348e+0
36.76	5.0774147136	5.0774147136e+0
36.77	5.0787959472	5.0787959472e+0
36.78	5.0801771808	5.0801771808e+0
36.79	5.0815584144	5.0815584144e+0
36.8	5.082939648	5.082939648e+0
36.81	5.0843208816	5.0843208816e+0
36.82	5.0857021152	5.0857021152e+0
36.83	5.0870833488	5.0870833488e+0
36.84	5.0884645824	5.0884645824e+0
36.85	5.089845816	5.089845816e+0
36.86	5.0912270496	5.0912270496e+0
36.87	5.0926082832	5.0926082832e+0
36.88	5.0939895168	5.0939895168e+0
36.89	5.0953707504	5.0953707504e+0
36.9	5.096751984	5.096751984e+0
36.91	5.0981332176	5.0981332176e+0
36.92	5.0995144512	5.0995144512e+0
36.93	5.1008956848	5.1008956848e+0
36.94	5.1022769184	5.1022769184e+0
36.95	5.103658152	5.103658152e+0
36.96	5.1050393856	5.1050393856e+0
36.97	5.1064206192	5.1064206192e+0
36.98	5.1078018528	5.1078018528e+0
36.99	5.1091830864	5.1091830864e+0
37	5.11056432	5.11056432e+0

37.01	5.1119455536	5.1119455536e+0
37.02	5.1133267872	5.1133267872e+0
37.03	5.1147080208	5.1147080208e+0
37.04	5.1160892544	5.1160892544e+0
37.05	5.117470488	5.117470488e+0
37.06	5.1188517216	5.1188517216e+0
37.07	5.1202329552	5.1202329552e+0
37.08	5.1216141888	5.1216141888e+0
37.09	5.1229954224	5.1229954224e+0
37.1	5.124376656	5.124376656e+0
37.11	5.1257578896	5.1257578896e+0
37.12	5.1271391232	5.1271391232e+0
37.13	5.1285203568	5.1285203568e+0
37.14	5.1299015904	5.1299015904e+0
37.15	5.131282824	5.131282824e+0
37.16	5.1326640576	5.1326640576e+0
37.17	5.1340452912	5.1340452912e+0
37.18	5.1354265248	5.1354265248e+0
37.19	5.1368077584	5.1368077584e+0
37.2	5.138188992	5.138188992e+0
37.21	5.1395702256	5.1395702256e+0
37.22	5.1409514592	5.1409514592e+0
37.23	5.1423326928	5.1423326928e+0
37.24	5.1437139264	5.1437139264e+0
37.25	5.14509516	5.14509516e+0
37.26	5.1464763936	5.1464763936e+0
37.27	5.1478576272	5.1478576272e+0
37.28	5.1492388608	5.1492388608e+0
37.29	5.1506200944	5.1506200944e+0
37.3	5.152001328	5.152001328e+0
37.31	5.1533825616	5.1533825616e+0
37.32	5.1547637952	5.1547637952e+0
37.33	5.1561450288	5.1561450288e+0
37.34	5.1575262624	5.1575262624e+0
37.35	5.158907496	5.158907496e+0
37.36	5.1602887296	5.1602887296e+0
37.37	5.1616699632	5.1616699632e+0
37.38	5.1630511968	5.1630511968e+0

37.39	5.1644324304	5.1644324304e+0
37.4	5.165813664	5.165813664e+0
37.41	5.1671948976	5.1671948976e+0
37.42	5.1685761312	5.1685761312e+0
37.43	5.1699573648	5.1699573648e+0
37.44	5.1713385984	5.1713385984e+0
37.45	5.172719832	5.172719832e+0
37.46	5.1741010656	5.1741010656e+0
37.47	5.1754822992	5.1754822992e+0
37.48	5.1768635328	5.1768635328e+0
37.49	5.1782447664	5.1782447664e+0
37.5	5.179626	5.179626e+0
37.51	5.1810072336	5.1810072336e+0
37.52	5.1823884672	5.1823884672e+0
37.53	5.1837697008	5.1837697008e+0
37.54	5.1851509344	5.1851509344e+0
37.55	5.186532168	5.186532168e+0
37.56	5.1879134016	5.1879134016e+0
37.57	5.1892946352	5.1892946352e+0
37.58	5.1906758688	5.1906758688e+0
37.59	5.1920571024	5.1920571024e+0
37.6	5.193438336	5.193438336e+0
37.61	5.1948195696	5.1948195696e+0
37.62	5.1962008032	5.1962008032e+0
37.63	5.1975820368	5.1975820368e+0
37.64	5.1989632704	5.1989632704e+0
37.65	5.200344504	5.200344504e+0
37.66	5.2017257376	5.2017257376e+0
37.67	5.2031069712	5.2031069712e+0
37.68	5.2044882048	5.2044882048e+0
37.69	5.2058694384	5.2058694384e+0
37.7	5.207250672	5.207250672e+0
37.71	5.2086319056	5.2086319056e+0
37.72	5.2100131392	5.2100131392e+0
37.73	5.2113943728	5.2113943728e+0
37.74	5.2127756064	5.2127756064e+0
37.75	5.21415684	5.21415684e+0
37.76	5.2155380736	5.2155380736e+0

37.77	5.2169193072	5.2169193072e+0
37.78	5.2183005408	5.2183005408e+0
37.79	5.2196817744	5.2196817744e+0
37.8	5.221063008	5.221063008e+0
37.81	5.2224442416	5.2224442416e+0
37.82	5.2238254752	5.2238254752e+0
37.83	5.2252067088	5.2252067088e+0
37.84	5.2265879424	5.2265879424e+0
37.85	5.227969176	5.227969176e+0
37.86	5.2293504096	5.2293504096e+0
37.87	5.2307316432	5.2307316432e+0
37.88	5.2321128768	5.2321128768e+0
37.89	5.2334941104	5.2334941104e+0
37.9	5.234875344	5.234875344e+0
37.91	5.2362565776	5.2362565776e+0
37.92	5.2376378112	5.2376378112e+0
37.93	5.2390190448	5.2390190448e+0
37.94	5.2404002784	5.2404002784e+0
37.95	5.241781512	5.241781512e+0
37.96	5.2431627456	5.2431627456e+0
37.97	5.2445439792	5.2445439792e+0
37.98	5.2459252128	5.2459252128e+0
37.99	5.2473064464	5.2473064464e+0
38	5.24868768	5.24868768e+0
38.01	5.2500689136	5.2500689136e+0
38.02	5.2514501472	5.2514501472e+0
38.03	5.2528313808	5.2528313808e+0
38.04	5.2542126144	5.2542126144e+0
38.05	5.255593848	5.255593848e+0
38.06	5.2569750816	5.2569750816e+0
38.07	5.2583563152	5.2583563152e+0
38.08	5.2597375488	5.2597375488e+0
38.09	5.2611187824	5.2611187824e+0
38.1	5.262500016	5.262500016e+0
38.11	5.2638812496	5.2638812496e+0
38.12	5.2652624832	5.2652624832e+0
38.13	5.2666437168	5.2666437168e+0
38.14	5.2680249504	5.2680249504e+0

38.15	5.269406184	5.269406184e+0
38.16	5.2707874176	5.2707874176e+0
38.17	5.2721686512	5.2721686512e+0
38.18	5.2735498848	5.2735498848e+0
38.19	5.2749311184	5.2749311184e+0
38.2	5.276312352	5.276312352e+0
38.21	5.2776935856	5.2776935856e+0
38.22	5.2790748192	5.2790748192e+0
38.23	5.2804560528	5.2804560528e+0
38.24	5.2818372864	5.2818372864e+0
38.25	5.28321852	5.28321852e+0
38.26	5.2845997536	5.2845997536e+0
38.27	5.2859809872	5.2859809872e+0
38.28	5.2873622208	5.2873622208e+0
38.29	5.2887434544	5.2887434544e+0
38.3	5.290124688	5.290124688e+0
38.31	5.2915059216	5.2915059216e+0
38.32	5.2928871552	5.2928871552e+0
38.33	5.2942683888	5.2942683888e+0
38.34	5.2956496224	5.2956496224e+0
38.35	5.297030856	5.297030856e+0
38.36	5.2984120896	5.2984120896e+0
38.37	5.2997933232	5.2997933232e+0
38.38	5.3011745568	5.3011745568e+0
38.39	5.3025557904	5.3025557904e+0
38.4	5.303937024	5.303937024e+0
38.41	5.3053182576	5.3053182576e+0
38.42	5.3066994912	5.3066994912e+0
38.43	5.3080807248	5.3080807248e+0
38.44	5.3094619584	5.3094619584e+0
38.45	5.310843192	5.310843192e+0
38.46	5.3122244256	5.3122244256e+0
38.47	5.3136056592	5.3136056592e+0
38.48	5.3149868928	5.3149868928e+0
38.49	5.3163681264	5.3163681264e+0
38.5	5.31774936	5.31774936e+0
38.51	5.3191305936	5.3191305936e+0
38.52	5.3205118272	5.3205118272e+0

38.53	5.3218930608	5.3218930608e+0
38.54	5.3232742944	5.3232742944e+0
38.55	5.324655528	5.324655528e+0
38.56	5.3260367616	5.3260367616e+0
38.57	5.3274179952	5.3274179952e+0
38.58	5.3287992288	5.3287992288e+0
38.59	5.3301804624	5.3301804624e+0
38.6	5.331561696	5.331561696e+0
38.61	5.3329429296	5.3329429296e+0
38.62	5.3343241632	5.3343241632e+0
38.63	5.3357053968	5.3357053968e+0
38.64	5.3370866304	5.3370866304e+0
38.65	5.338467864	5.338467864e+0
38.66	5.3398490976	5.3398490976e+0
38.67	5.3412303312	5.3412303312e+0
38.68	5.3426115648	5.3426115648e+0
38.69	5.3439927984	5.3439927984e+0
38.7	5.345374032	5.345374032e+0
38.71	5.3467552656	5.3467552656e+0
38.72	5.3481364992	5.3481364992e+0
38.73	5.3495177328	5.3495177328e+0
38.74	5.3508989664	5.3508989664e+0
38.75	5.3522802	5.3522802e+0
38.76	5.3536614336	5.3536614336e+0
38.77	5.3550426672	5.3550426672e+0
38.78	5.3564239008	5.3564239008e+0
38.79	5.3578051344	5.3578051344e+0
38.8	5.359186368	5.359186368e+0
38.81	5.3605676016	5.3605676016e+0
38.82	5.3619488352	5.3619488352e+0
38.83	5.3633300688	5.3633300688e+0
38.84	5.3647113024	5.3647113024e+0
38.85	5.366092536	5.366092536e+0
38.86	5.3674737696	5.3674737696e+0
38.87	5.3688550032	5.3688550032e+0
38.88	5.3702362368	5.3702362368e+0
38.89	5.3716174704	5.3716174704e+0
38.9	5.372998704	5.372998704e+0

38.91	5.3743799376	5.3743799376e+0
38.92	5.3757611712	5.3757611712e+0
38.93	5.3771424048	5.3771424048e+0
38.94	5.3785236384	5.3785236384e+0
38.95	5.379904872	5.379904872e+0
38.96	5.3812861056	5.3812861056e+0
38.97	5.3826673392	5.3826673392e+0
38.98	5.3840485728	5.3840485728e+0
38.99	5.3854298064	5.3854298064e+0
39	5.38681104	5.38681104e+0
39.01	5.3881922736	5.3881922736e+0
39.02	5.3895735072	5.3895735072e+0
39.03	5.3909547408	5.3909547408e+0
39.04	5.3923359744	5.3923359744e+0
39.05	5.393717208	5.393717208e+0
39.06	5.3950984416	5.3950984416e+0
39.07	5.3964796752	5.3964796752e+0
39.08	5.3978609088	5.3978609088e+0
39.09	5.3992421424	5.3992421424e+0
39.1	5.400623376	5.400623376e+0
39.11	5.4020046096	5.4020046096e+0
39.12	5.4033858432	5.4033858432e+0
39.13	5.4047670768	5.4047670768e+0
39.14	5.4061483104	5.4061483104e+0
39.15	5.407529544	5.407529544e+0
39.16	5.4089107776	5.4089107776e+0
39.17	5.4102920112	5.4102920112e+0
39.18	5.4116732448	5.4116732448e+0
39.19	5.4130544784	5.4130544784e+0
39.2	5.414435712	5.414435712e+0
39.21	5.4158169456	5.4158169456e+0
39.22	5.4171981792	5.4171981792e+0
39.23	5.4185794128	5.4185794128e+0
39.24	5.4199606464	5.4199606464e+0
39.25	5.42134188	5.42134188e+0
39.26	5.4227231136	5.4227231136e+0
39.27	5.4241043472	5.4241043472e+0
39.28	5.4254855808	5.4254855808e+0

39.29	5.4268668144	5.4268668144e+0
39.3	5.428248048	5.428248048e+0
39.31	5.4296292816	5.4296292816e+0
39.32	5.4310105152	5.4310105152e+0
39.33	5.4323917488	5.4323917488e+0
39.34	5.4337729824	5.4337729824e+0
39.35	5.435154216	5.435154216e+0
39.36	5.4365354496	5.4365354496e+0
39.37	5.4379166832	5.4379166832e+0
39.38	5.4392979168	5.4392979168e+0
39.39	5.4406791504	5.4406791504e+0
39.4	5.442060384	5.442060384e+0
39.41	5.4434416176	5.4434416176e+0
39.42	5.4448228512	5.4448228512e+0
39.43	5.4462040848	5.4462040848e+0
39.44	5.4475853184	5.4475853184e+0
39.45	5.448966552	5.448966552e+0
39.46	5.4503477856	5.4503477856e+0
39.47	5.4517290192	5.4517290192e+0
39.48	5.4531102528	5.4531102528e+0
39.49	5.4544914864	5.4544914864e+0
39.5	5.45587272	5.45587272e+0
39.51	5.4572539536	5.4572539536e+0
39.52	5.4586351872	5.4586351872e+0
39.53	5.4600164208	5.4600164208e+0
39.54	5.4613976544	5.4613976544e+0
39.55	5.462778888	5.462778888e+0
39.56	5.4641601216	5.4641601216e+0
39.57	5.4655413552	5.4655413552e+0
39.58	5.4669225888	5.4669225888e+0
39.59	5.4683038224	5.4683038224e+0
39.6	5.469685056	5.469685056e+0
39.61	5.4710662896	5.4710662896e+0
39.62	5.4724475232	5.4724475232e+0
39.63	5.4738287568	5.4738287568e+0
39.64	5.4752099904	5.4752099904e+0
39.65	5.476591224	5.476591224e+0
39.66	5.4779724576	5.4779724576e+0

39.67	5.4793536912	5.4793536912e+0
39.68	5.4807349248	5.4807349248e+0
39.69	5.4821161584	5.4821161584e+0
39.7	5.483497392	5.483497392e+0
39.71	5.4848786256	5.4848786256e+0
39.72	5.4862598592	5.4862598592e+0
39.73	5.4876410928	5.4876410928e+0
39.74	5.4890223264	5.4890223264e+0
39.75	5.49040356	5.49040356e+0
39.76	5.4917847936	5.4917847936e+0
39.77	5.4931660272	5.4931660272e+0
39.78	5.4945472608	5.4945472608e+0
39.79	5.4959284944	5.4959284944e+0
39.8	5.497309728	5.497309728e+0
39.81	5.4986909616	5.4986909616e+0
39.82	5.5000721952	5.5000721952e+0
39.83	5.5014534288	5.5014534288e+0
39.84	5.5028346624	5.5028346624e+0
39.85	5.504215896	5.504215896e+0
39.86	5.5055971296	5.5055971296e+0
39.87	5.5069783632	5.5069783632e+0
39.88	5.5083595968	5.5083595968e+0
39.89	5.5097408304	5.5097408304e+0
39.9	5.511122064	5.511122064e+0
39.91	5.5125032976	5.5125032976e+0
39.92	5.5138845312	5.5138845312e+0
39.93	5.5152657648	5.5152657648e+0
39.94	5.5166469984	5.5166469984e+0
39.95	5.518028232	5.518028232e+0
39.96	5.5194094656	5.5194094656e+0
39.97	5.5207906992	5.5207906992e+0
39.98	5.5221719328	5.5221719328e+0
39.99	5.5235531664	5.5235531664e+0
40	5.5249344	5.5249344e+0
40.01	5.5263156336	5.5263156336e+0
40.02	5.5276968672	5.5276968672e+0
40.03	5.5290781008	5.5290781008e+0
40.04	5.5304593344	5.5304593344e+0

40.05	5.531840568	5.531840568e+0
40.06	5.5332218016	5.5332218016e+0
40.07	5.5346030352	5.5346030352e+0
40.08	5.5359842688	5.5359842688e+0
40.09	5.5373655024	5.5373655024e+0
40.1	5.538746736	5.538746736e+0
40.11	5.5401279696	5.5401279696e+0
40.12	5.5415092032	5.5415092032e+0
40.13	5.5428904368	5.5428904368e+0
40.14	5.5442716704	5.5442716704e+0
40.15	5.545652904	5.545652904e+0
40.16	5.5470341376	5.5470341376e+0
40.17	5.5484153712	5.5484153712e+0
40.18	5.5497966048	5.5497966048e+0
40.19	5.5511778384	5.5511778384e+0
40.2	5.552559072	5.552559072e+0
40.21	5.5539403056	5.5539403056e+0
40.22	5.5553215392	5.5553215392e+0
40.23	5.5567027728	5.5567027728e+0
40.24	5.5580840064	5.5580840064e+0
40.25	5.55946524	5.55946524e+0
40.26	5.5608464736	5.5608464736e+0
40.27	5.5622277072	5.5622277072e+0
40.28	5.5636089408	5.5636089408e+0
40.29	5.5649901744	5.5649901744e+0
40.3	5.566371408	5.566371408e+0
40.31	5.5677526416	5.5677526416e+0
40.32	5.5691338752	5.5691338752e+0
40.33	5.5705151088	5.5705151088e+0
40.34	5.5718963424	5.5718963424e+0
40.35	5.573277576	5.573277576e+0
40.36	5.5746588096	5.5746588096e+0
40.37	5.5760400432	5.5760400432e+0
40.38	5.5774212768	5.5774212768e+0
40.39	5.5788025104	5.5788025104e+0
40.4	5.580183744	5.580183744e+0
40.41	5.5815649776	5.5815649776e+0
40.42	5.5829462112	5.5829462112e+0

40.43	5.5843274448	5.5843274448e+0
40.44	5.5857086784	5.5857086784e+0
40.45	5.587089912	5.587089912e+0
40.46	5.5884711456	5.5884711456e+0
40.47	5.5898523792	5.5898523792e+0
40.48	5.5912336128	5.5912336128e+0
40.49	5.5926148464	5.5926148464e+0
40.5	5.59399608	5.59399608e+0
40.51	5.5953773136	5.5953773136e+0
40.52	5.5967585472	5.5967585472e+0
40.53	5.5981397808	5.5981397808e+0
40.54	5.5995210144	5.5995210144e+0
40.55	5.600902248	5.600902248e+0
40.56	5.6022834816	5.6022834816e+0
40.57	5.6036647152	5.6036647152e+0
40.58	5.6050459488	5.6050459488e+0
40.59	5.6064271824	5.6064271824e+0
40.6	5.607808416	5.607808416e+0
40.61	5.6091896496	5.6091896496e+0
40.62	5.6105708832	5.6105708832e+0
40.63	5.6119521168	5.6119521168e+0
40.64	5.6133333504	5.6133333504e+0
40.65	5.614714584	5.614714584e+0
40.66	5.6160958176	5.6160958176e+0
40.67	5.6174770512	5.6174770512e+0
40.68	5.6188582848	5.6188582848e+0
40.69	5.6202395184	5.6202395184e+0
40.7	5.621620752	5.621620752e+0
40.71	5.6230019856	5.6230019856e+0
40.72	5.6243832192	5.6243832192e+0
40.73	5.6257644528	5.6257644528e+0
40.74	5.6271456864	5.6271456864e+0
40.75	5.62852692	5.62852692e+0
40.76	5.6299081536	5.6299081536e+0
40.77	5.6312893872	5.6312893872e+0
40.78	5.6326706208	5.6326706208e+0
40.79	5.6340518544	5.6340518544e+0
40.8	5.635433088	5.635433088e+0

40.81	5.6368143216	5.6368143216e+0
40.82	5.6381955552	5.6381955552e+0
40.83	5.6395767888	5.6395767888e+0
40.84	5.6409580224	5.6409580224e+0
40.85	5.642339256	5.642339256e+0
40.86	5.6437204896	5.6437204896e+0
40.87	5.6451017232	5.6451017232e+0
40.88	5.6464829568	5.6464829568e+0
40.89	5.6478641904	5.6478641904e+0
40.9	5.649245424	5.649245424e+0
40.91	5.6506266576	5.6506266576e+0
40.92	5.6520078912	5.6520078912e+0
40.93	5.6533891248	5.6533891248e+0
40.94	5.6547703584	5.6547703584e+0
40.95	5.656151592	5.656151592e+0
40.96	5.6575328256	5.6575328256e+0
40.97	5.6589140592	5.6589140592e+0
40.98	5.6602952928	5.6602952928e+0
40.99	5.6616765264	5.6616765264e+0
41	5.66305776	5.66305776e+0
41.01	5.6644389936	5.6644389936e+0
41.02	5.6658202272	5.6658202272e+0
41.03	5.6672014608	5.6672014608e+0
41.04	5.6685826944	5.6685826944e+0
41.05	5.669963928	5.669963928e+0
41.06	5.6713451616	5.6713451616e+0
41.07	5.6727263952	5.6727263952e+0
41.08	5.6741076288	5.6741076288e+0
41.09	5.6754888624	5.6754888624e+0
41.1	5.676870096	5.676870096e+0
41.11	5.6782513296	5.6782513296e+0
41.12	5.6796325632	5.6796325632e+0
41.13	5.6810137968	5.6810137968e+0
41.14	5.6823950304	5.6823950304e+0
41.15	5.683776264	5.683776264e+0
41.16	5.6851574976	5.6851574976e+0
41.17	5.6865387312	5.6865387312e+0
41.18	5.6879199648	5.6879199648e+0

41.19	5.6893011984	5.6893011984e+0
41.2	5.690682432	5.690682432e+0
41.21	5.6920636656	5.6920636656e+0
41.22	5.6934448992	5.6934448992e+0
41.23	5.6948261328	5.6948261328e+0
41.24	5.6962073664	5.6962073664e+0
41.25	5.6975886	5.6975886e+0
41.26	5.6989698336	5.6989698336e+0
41.27	5.7003510672	5.7003510672e+0
41.28	5.7017323008	5.7017323008e+0
41.29	5.7031135344	5.7031135344e+0
41.3	5.704494768	5.704494768e+0
41.31	5.7058760016	5.7058760016e+0
41.32	5.7072572352	5.7072572352e+0
41.33	5.7086384688	5.7086384688e+0
41.34	5.7100197024	5.7100197024e+0
41.35	5.711400936	5.711400936e+0
41.36	5.7127821696	5.7127821696e+0
41.37	5.7141634032	5.7141634032e+0
41.38	5.7155446368	5.7155446368e+0
41.39	5.7169258704	5.7169258704e+0
41.4	5.718307104	5.718307104e+0
41.41	5.7196883376	5.7196883376e+0
41.42	5.7210695712	5.7210695712e+0
41.43	5.7224508048	5.7224508048e+0
41.44	5.7238320384	5.7238320384e+0
41.45	5.725213272	5.725213272e+0
41.46	5.7265945056	5.7265945056e+0
41.47	5.7279757392	5.7279757392e+0
41.48	5.7293569728	5.7293569728e+0
41.49	5.7307382064	5.7307382064e+0
41.5	5.73211944	5.73211944e+0
41.51	5.7335006736	5.7335006736e+0
41.52	5.7348819072	5.7348819072e+0
41.53	5.7362631408	5.7362631408e+0
41.54	5.7376443744	5.7376443744e+0
41.55	5.739025608	5.739025608e+0
41.56	5.7404068416	5.7404068416e+0

41.57	5.7417880752	5.7417880752e+0
41.58	5.7431693088	5.7431693088e+0
41.59	5.7445505424	5.7445505424e+0
41.6	5.745931776	5.745931776e+0
41.61	5.7473130096	5.7473130096e+0
41.62	5.7486942432	5.7486942432e+0
41.63	5.7500754768	5.7500754768e+0
41.64	5.7514567104	5.7514567104e+0
41.65	5.752837944	5.752837944e+0
41.66	5.7542191776	5.7542191776e+0
41.67	5.7556004112	5.7556004112e+0
41.68	5.7569816448	5.7569816448e+0
41.69	5.7583628784	5.7583628784e+0
41.7	5.759744112	5.759744112e+0
41.71	5.7611253456	5.7611253456e+0
41.72	5.7625065792	5.7625065792e+0
41.73	5.7638878128	5.7638878128e+0
41.74	5.7652690464	5.7652690464e+0
41.75	5.76665028	5.76665028e+0
41.76	5.7680315136	5.7680315136e+0
41.77	5.7694127472	5.7694127472e+0
41.78	5.7707939808	5.7707939808e+0
41.79	5.7721752144	5.7721752144e+0
41.8	5.773556448	5.773556448e+0
41.81	5.7749376816	5.7749376816e+0
41.82	5.7763189152	5.7763189152e+0
41.83	5.7777001488	5.7777001488e+0
41.84	5.7790813824	5.7790813824e+0
41.85	5.780462616	5.780462616e+0
41.86	5.7818438496	5.7818438496e+0
41.87	5.7832250832	5.7832250832e+0
41.88	5.7846063168	5.7846063168e+0
41.89	5.7859875504	5.7859875504e+0
41.9	5.787368784	5.787368784e+0
41.91	5.7887500176	5.7887500176e+0
41.92	5.7901312512	5.7901312512e+0
41.93	5.7915124848	5.7915124848e+0
41.94	5.7928937184	5.7928937184e+0

41.95	5.794274952	5.794274952e+0
41.96	5.7956561856	5.7956561856e+0
41.97	5.7970374192	5.7970374192e+0
41.98	5.7984186528	5.7984186528e+0
41.99	5.7997998864	5.7997998864e+0
42	5.80118112	5.80118112e+0
42.01	5.8025623536	5.8025623536e+0
42.02	5.8039435872	5.8039435872e+0
42.03	5.8053248208	5.8053248208e+0
42.04	5.8067060544	5.8067060544e+0
42.05	5.808087288	5.808087288e+0
42.06	5.8094685216	5.8094685216e+0
42.07	5.8108497552	5.8108497552e+0
42.08	5.8122309888	5.8122309888e+0
42.09	5.8136122224	5.8136122224e+0
42.1	5.814993456	5.814993456e+0
42.11	5.8163746896	5.8163746896e+0
42.12	5.8177559232	5.8177559232e+0
42.13	5.8191371568	5.8191371568e+0
42.14	5.8205183904	5.8205183904e+0
42.15	5.821899624	5.821899624e+0
42.16	5.8232808576	5.8232808576e+0
42.17	5.8246620912	5.8246620912e+0
42.18	5.8260433248	5.8260433248e+0
42.19	5.8274245584	5.8274245584e+0
42.2	5.828805792	5.828805792e+0
42.21	5.8301870256	5.8301870256e+0
42.22	5.8315682592	5.8315682592e+0
42.23	5.8329494928	5.8329494928e+0
42.24	5.8343307264	5.8343307264e+0
42.25	5.83571196	5.83571196e+0
42.26	5.8370931936	5.8370931936e+0
42.27	5.8384744272	5.8384744272e+0
42.28	5.8398556608	5.8398556608e+0
42.29	5.8412368944	5.8412368944e+0
42.3	5.842618128	5.842618128e+0
42.31	5.8439993616	5.8439993616e+0
42.32	5.8453805952	5.8453805952e+0

42.33	5.8467618288	5.8467618288e+0
42.34	5.8481430624	5.8481430624e+0
42.35	5.849524296	5.849524296e+0
42.36	5.8509055296	5.8509055296e+0
42.37	5.8522867632	5.8522867632e+0
42.38	5.8536679968	5.8536679968e+0
42.39	5.8550492304	5.8550492304e+0
42.4	5.856430464	5.856430464e+0
42.41	5.8578116976	5.8578116976e+0
42.42	5.8591929312	5.8591929312e+0
42.43	5.8605741648	5.8605741648e+0
42.44	5.8619553984	5.8619553984e+0
42.45	5.863336632	5.863336632e+0
42.46	5.8647178656	5.8647178656e+0
42.47	5.8660990992	5.8660990992e+0
42.48	5.8674803328	5.8674803328e+0
42.49	5.8688615664	5.8688615664e+0
42.5	5.8702428	5.8702428e+0
42.51	5.8716240336	5.8716240336e+0
42.52	5.8730052672	5.8730052672e+0
42.53	5.8743865008	5.8743865008e+0
42.54	5.8757677344	5.8757677344e+0
42.55	5.877148968	5.877148968e+0
42.56	5.8785302016	5.8785302016e+0
42.57	5.8799114352	5.8799114352e+0
42.58	5.8812926688	5.8812926688e+0
42.59	5.8826739024	5.8826739024e+0
42.6	5.884055136	5.884055136e+0
42.61	5.8854363696	5.8854363696e+0
42.62	5.8868176032	5.8868176032e+0
42.63	5.8881988368	5.8881988368e+0
42.64	5.8895800704	5.8895800704e+0
42.65	5.890961304	5.890961304e+0
42.66	5.8923425376	5.8923425376e+0
42.67	5.8937237712	5.8937237712e+0
42.68	5.8951050048	5.8951050048e+0
42.69	5.8964862384	5.8964862384e+0
42.7	5.897867472	5.897867472e+0

42.71	5.8992487056	5.8992487056e+0
42.72	5.9006299392	5.9006299392e+0
42.73	5.9020111728	5.9020111728e+0
42.74	5.9033924064	5.9033924064e+0
42.75	5.90477364	5.90477364e+0
42.76	5.9061548736	5.9061548736e+0
42.77	5.9075361072	5.9075361072e+0
42.78	5.9089173408	5.9089173408e+0
42.79	5.9102985744	5.9102985744e+0
42.8	5.911679808	5.911679808e+0
42.81	5.9130610416	5.9130610416e+0
42.82	5.9144422752	5.9144422752e+0
42.83	5.9158235088	5.9158235088e+0
42.84	5.9172047424	5.9172047424e+0
42.85	5.918585976	5.918585976e+0
42.86	5.9199672096	5.9199672096e+0
42.87	5.9213484432	5.9213484432e+0
42.88	5.9227296768	5.9227296768e+0
42.89	5.9241109104	5.9241109104e+0
42.9	5.925492144	5.925492144e+0
42.91	5.9268733776	5.9268733776e+0
42.92	5.9282546112	5.9282546112e+0
42.93	5.9296358448	5.9296358448e+0
42.94	5.9310170784	5.9310170784e+0
42.95	5.932398312	5.932398312e+0
42.96	5.9337795456	5.9337795456e+0
42.97	5.9351607792	5.9351607792e+0
42.98	5.9365420128	5.9365420128e+0
42.99	5.9379232464	5.9379232464e+0
43	5.93930448	5.93930448e+0
43.01	5.9406857136	5.9406857136e+0
43.02	5.9420669472	5.9420669472e+0
43.03	5.9434481808	5.9434481808e+0
43.04	5.9448294144	5.9448294144e+0
43.05	5.946210648	5.946210648e+0
43.06	5.9475918816	5.9475918816e+0
43.07	5.9489731152	5.9489731152e+0
43.08	5.9503543488	5.9503543488e+0

43.09	5.9517355824	5.9517355824e+0
43.1	5.953116816	5.953116816e+0
43.11	5.9544980496	5.9544980496e+0
43.12	5.9558792832	5.9558792832e+0
43.13	5.9572605168	5.9572605168e+0
43.14	5.9586417504	5.9586417504e+0
43.15	5.960022984	5.960022984e+0
43.16	5.9614042176	5.9614042176e+0
43.17	5.9627854512	5.9627854512e+0
43.18	5.9641666848	5.9641666848e+0
43.19	5.9655479184	5.9655479184e+0
43.2	5.966929152	5.966929152e+0
43.21	5.9683103856	5.9683103856e+0
43.22	5.9696916192	5.9696916192e+0
43.23	5.9710728528	5.9710728528e+0
43.24	5.9724540864	5.9724540864e+0
43.25	5.97383532	5.97383532e+0
43.26	5.9752165536	5.9752165536e+0
43.27	5.9765977872	5.9765977872e+0
43.28	5.9779790208	5.9779790208e+0
43.29	5.9793602544	5.9793602544e+0
43.3	5.980741488	5.980741488e+0
43.31	5.9821227216	5.9821227216e+0
43.32	5.9835039552	5.9835039552e+0
43.33	5.9848851888	5.9848851888e+0
43.34	5.9862664224	5.9862664224e+0
43.35	5.987647656	5.987647656e+0
43.36	5.9890288896	5.9890288896e+0
43.37	5.9904101232	5.9904101232e+0
43.38	5.9917913568	5.9917913568e+0
43.39	5.9931725904	5.9931725904e+0
43.4	5.994553824	5.994553824e+0
43.41	5.9959350576	5.9959350576e+0
43.42	5.9973162912	5.9973162912e+0
43.43	5.9986975248	5.9986975248e+0
43.44	6.0000787584	6.0000787584e+0
43.45	6.001459992	6.001459992e+0
43.46	6.0028412256	6.0028412256e+0

43.47	6.0042224592	6.0042224592e+0
43.48	6.0056036928	6.0056036928e+0
43.49	6.0069849264	6.0069849264e+0
43.5	6.00836616	6.00836616e+0
43.51	6.0097473936	6.0097473936e+0
43.52	6.0111286272	6.0111286272e+0
43.53	6.0125098608	6.0125098608e+0
43.54	6.0138910944	6.0138910944e+0
43.55	6.015272328	6.015272328e+0
43.56	6.0166535616	6.0166535616e+0
43.57	6.0180347952	6.0180347952e+0
43.58	6.0194160288	6.0194160288e+0
43.59	6.0207972624	6.0207972624e+0
43.6	6.022178496	6.022178496e+0
43.61	6.0235597296	6.0235597296e+0
43.62	6.0249409632	6.0249409632e+0
43.63	6.0263221968	6.0263221968e+0
43.64	6.0277034304	6.0277034304e+0
43.65	6.029084664	6.029084664e+0
43.66	6.0304658976	6.0304658976e+0
43.67	6.0318471312	6.0318471312e+0
43.68	6.0332283648	6.0332283648e+0
43.69	6.0346095984	6.0346095984e+0
43.7	6.035990832	6.035990832e+0
43.71	6.0373720656	6.0373720656e+0
43.72	6.0387532992	6.0387532992e+0
43.73	6.0401345328	6.0401345328e+0
43.74	6.0415157664	6.0415157664e+0
43.75	6.042897	6.042897e+0
43.76	6.0442782336	6.0442782336e+0
43.77	6.0456594672	6.0456594672e+0
43.78	6.0470407008	6.0470407008e+0
43.79	6.0484219344	6.0484219344e+0
43.8	6.049803168	6.049803168e+0
43.81	6.0511844016	6.0511844016e+0
43.82	6.0525656352	6.0525656352e+0
43.83	6.0539468688	6.0539468688e+0
43.84	6.0553281024	6.0553281024e+0

43.85	6.056709336	6.056709336e+0
43.86	6.0580905696	6.0580905696e+0
43.87	6.0594718032	6.0594718032e+0
43.88	6.0608530368	6.0608530368e+0
43.89	6.0622342704	6.0622342704e+0
43.9	6.063615504	6.063615504e+0
43.91	6.0649967376	6.0649967376e+0
43.92	6.0663779712	6.0663779712e+0
43.93	6.0677592048	6.0677592048e+0
43.94	6.0691404384	6.0691404384e+0
43.95	6.070521672	6.070521672e+0
43.96	6.0719029056	6.0719029056e+0
43.97	6.0732841392	6.0732841392e+0
43.98	6.0746653728	6.0746653728e+0
43.99	6.0760466064	6.0760466064e+0
44	6.07742784	6.07742784e+0
44.01	6.0788090736	6.0788090736e+0
44.02	6.0801903072	6.0801903072e+0
44.03	6.0815715408	6.0815715408e+0
44.04	6.0829527744	6.0829527744e+0
44.05	6.084334008	6.084334008e+0
44.06	6.0857152416	6.0857152416e+0
44.07	6.0870964752	6.0870964752e+0
44.08	6.0884777088	6.0884777088e+0
44.09	6.0898589424	6.0898589424e+0
44.1	6.091240176	6.091240176e+0
44.11	6.0926214096	6.0926214096e+0
44.12	6.0940026432	6.0940026432e+0
44.13	6.0953838768	6.0953838768e+0
44.14	6.0967651104	6.0967651104e+0
44.15	6.098146344	6.098146344e+0
44.16	6.0995275776	6.0995275776e+0
44.17	6.1009088112	6.1009088112e+0
44.18	6.1022900448	6.1022900448e+0
44.19	6.1036712784	6.1036712784e+0
44.2	6.105052512	6.105052512e+0
44.21	6.1064337456	6.1064337456e+0
44.22	6.1078149792	6.1078149792e+0

44.23	6.1091962128	6.1091962128e+0
44.24	6.1105774464	6.1105774464e+0
44.25	6.11195868	6.11195868e+0
44.26	6.1133399136	6.1133399136e+0
44.27	6.1147211472	6.1147211472e+0
44.28	6.1161023808	6.1161023808e+0
44.29	6.1174836144	6.1174836144e+0
44.3	6.118864848	6.118864848e+0
44.31	6.1202460816	6.1202460816e+0
44.32	6.1216273152	6.1216273152e+0
44.33	6.1230085488	6.1230085488e+0
44.34	6.1243897824	6.1243897824e+0
44.35	6.125771016	6.125771016e+0
44.36	6.1271522496	6.1271522496e+0
44.37	6.1285334832	6.1285334832e+0
44.38	6.1299147168	6.1299147168e+0
44.39	6.1312959504	6.1312959504e+0
44.4	6.132677184	6.132677184e+0
44.41	6.1340584176	6.1340584176e+0
44.42	6.1354396512	6.1354396512e+0
44.43	6.1368208848	6.1368208848e+0
44.44	6.1382021184	6.1382021184e+0
44.45	6.139583352	6.139583352e+0
44.46	6.1409645856	6.1409645856e+0
44.47	6.1423458192	6.1423458192e+0
44.48	6.1437270528	6.1437270528e+0
44.49	6.1451082864	6.1451082864e+0
44.5	6.14648952	6.14648952e+0
44.51	6.1478707536	6.1478707536e+0
44.52	6.1492519872	6.1492519872e+0
44.53	6.1506332208	6.1506332208e+0
44.54	6.1520144544	6.1520144544e+0
44.55	6.153395688	6.153395688e+0
44.56	6.1547769216	6.1547769216e+0
44.57	6.1561581552	6.1561581552e+0
44.58	6.1575393888	6.1575393888e+0
44.59	6.1589206224	6.1589206224e+0
44.6	6.160301856	6.160301856e+0

44.61	6.1616830896	6.1616830896e+0
44.62	6.1630643232	6.1630643232e+0
44.63	6.1644455568	6.1644455568e+0
44.64	6.1658267904	6.1658267904e+0
44.65	6.167208024	6.167208024e+0
44.66	6.1685892576	6.1685892576e+0
44.67	6.1699704912	6.1699704912e+0
44.68	6.1713517248	6.1713517248e+0
44.69	6.1727329584	6.1727329584e+0
44.7	6.174114192	6.174114192e+0
44.71	6.1754954256	6.1754954256e+0
44.72	6.1768766592	6.1768766592e+0
44.73	6.1782578928	6.1782578928e+0
44.74	6.1796391264	6.1796391264e+0
44.75	6.18102036	6.18102036e+0
44.76	6.1824015936	6.1824015936e+0
44.77	6.1837828272	6.1837828272e+0
44.78	6.1851640608	6.1851640608e+0
44.79	6.1865452944	6.1865452944e+0
44.8	6.187926528	6.187926528e+0
44.81	6.1893077616	6.1893077616e+0
44.82	6.1906889952	6.1906889952e+0
44.83	6.1920702288	6.1920702288e+0
44.84	6.1934514624	6.1934514624e+0
44.85	6.194832696	6.194832696e+0
44.86	6.1962139296	6.1962139296e+0
44.87	6.1975951632	6.1975951632e+0
44.88	6.1989763968	6.1989763968e+0
44.89	6.2003576304	6.2003576304e+0
44.9	6.201738864	6.201738864e+0
44.91	6.2031200976	6.2031200976e+0
44.92	6.2045013312	6.2045013312e+0
44.93	6.2058825648	6.2058825648e+0
44.94	6.2072637984	6.2072637984e+0
44.95	6.208645032	6.208645032e+0
44.96	6.2100262656	6.2100262656e+0
44.97	6.2114074992	6.2114074992e+0
44.98	6.2127887328	6.2127887328e+0

44.99	6.2141699664	6.2141699664e+0
45	6.2155512	6.2155512e+0
45.01	6.2169324336	6.2169324336e+0
45.02	6.2183136672	6.2183136672e+0
45.03	6.2196949008	6.2196949008e+0
45.04	6.2210761344	6.2210761344e+0
45.05	6.222457368	6.222457368e+0
45.06	6.2238386016	6.2238386016e+0
45.07	6.2252198352	6.2252198352e+0
45.08	6.2266010688	6.2266010688e+0
45.09	6.2279823024	6.2279823024e+0
45.1	6.229363536	6.229363536e+0
45.11	6.2307447696	6.2307447696e+0
45.12	6.2321260032	6.2321260032e+0
45.13	6.2335072368	6.2335072368e+0
45.14	6.2348884704	6.2348884704e+0
45.15	6.236269704	6.236269704e+0
45.16	6.2376509376	6.2376509376e+0
45.17	6.2390321712	6.2390321712e+0
45.18	6.2404134048	6.2404134048e+0
45.19	6.2417946384	6.2417946384e+0
45.2	6.243175872	6.243175872e+0
45.21	6.2445571056	6.2445571056e+0
45.22	6.2459383392	6.2459383392e+0
45.23	6.2473195728	6.2473195728e+0
45.24	6.2487008064	6.2487008064e+0
45.25	6.25008204	6.25008204e+0
45.26	6.2514632736	6.2514632736e+0
45.27	6.2528445072	6.2528445072e+0
45.28	6.2542257408	6.2542257408e+0
45.29	6.2556069744	6.2556069744e+0
45.3	6.256988208	6.256988208e+0
45.31	6.2583694416	6.2583694416e+0
45.32	6.2597506752	6.2597506752e+0
45.33	6.2611319088	6.2611319088e+0
45.34	6.2625131424	6.2625131424e+0
45.35	6.263894376	6.263894376e+0
45.36	6.2652756096	6.2652756096e+0

45.37	6.2666568432	6.2666568432e+0
45.38	6.2680380768	6.2680380768e+0
45.39	6.2694193104	6.2694193104e+0
45.4	6.270800544	6.270800544e+0
45.41	6.2721817776	6.2721817776e+0
45.42	6.2735630112	6.2735630112e+0
45.43	6.2749442448	6.2749442448e+0
45.44	6.2763254784	6.2763254784e+0
45.45	6.277706712	6.277706712e+0
45.46	6.2790879456	6.2790879456e+0
45.47	6.2804691792	6.2804691792e+0
45.48	6.2818504128	6.2818504128e+0
45.49	6.2832316464	6.2832316464e+0
45.5	6.28461288	6.28461288e+0
45.51	6.2859941136	6.2859941136e+0
45.52	6.2873753472	6.2873753472e+0
45.53	6.2887565808	6.2887565808e+0
45.54	6.2901378144	6.2901378144e+0
45.55	6.291519048	6.291519048e+0
45.56	6.2929002816	6.2929002816e+0
45.57	6.2942815152	6.2942815152e+0
45.58	6.2956627488	6.2956627488e+0
45.59	6.2970439824	6.2970439824e+0
45.6	6.298425216	6.298425216e+0
45.61	6.2998064496	6.2998064496e+0
45.62	6.3011876832	6.3011876832e+0
45.63	6.3025689168	6.3025689168e+0
45.64	6.3039501504	6.3039501504e+0
45.65	6.305331384	6.305331384e+0
45.66	6.3067126176	6.3067126176e+0
45.67	6.3080938512	6.3080938512e+0
45.68	6.3094750848	6.3094750848e+0
45.69	6.3108563184	6.3108563184e+0
45.7	6.312237552	6.312237552e+0
45.71	6.3136187856	6.3136187856e+0
45.72	6.3150000192	6.3150000192e+0
45.73	6.3163812528	6.3163812528e+0
45.74	6.3177624864	6.3177624864e+0

45.75	6.31914372	6.31914372e+0
45.76	6.3205249536	6.3205249536e+0
45.77	6.3219061872	6.3219061872e+0
45.78	6.3232874208	6.3232874208e+0
45.79	6.3246686544	6.3246686544e+0
45.8	6.326049888	6.326049888e+0
45.81	6.3274311216	6.3274311216e+0
45.82	6.3288123552	6.3288123552e+0
45.83	6.3301935888	6.3301935888e+0
45.84	6.3315748224	6.3315748224e+0
45.85	6.332956056	6.332956056e+0
45.86	6.3343372896	6.3343372896e+0
45.87	6.3357185232	6.3357185232e+0
45.88	6.3370997568	6.3370997568e+0
45.89	6.3384809904	6.3384809904e+0
45.9	6.339862224	6.339862224e+0
45.91	6.3412434576	6.3412434576e+0
45.92	6.3426246912	6.3426246912e+0
45.93	6.3440059248	6.3440059248e+0
45.94	6.3453871584	6.3453871584e+0
45.95	6.346768392	6.346768392e+0
45.96	6.3481496256	6.3481496256e+0
45.97	6.3495308592	6.3495308592e+0
45.98	6.3509120928	6.3509120928e+0
45.99	6.3522933264	6.3522933264e+0
46	6.35367456	6.35367456e+0
46.01	6.3550557936	6.3550557936e+0
46.02	6.3564370272	6.3564370272e+0
46.03	6.3578182608	6.3578182608e+0
46.04	6.3591994944	6.3591994944e+0
46.05	6.360580728	6.360580728e+0
46.06	6.3619619616	6.3619619616e+0
46.07	6.3633431952	6.3633431952e+0
46.08	6.3647244288	6.3647244288e+0
46.09	6.3661056624	6.3661056624e+0
46.1	6.367486896	6.367486896e+0
46.11	6.3688681296	6.3688681296e+0
46.12	6.3702493632	6.3702493632e+0

46.13	6.3716305968	6.3716305968e+0
46.14	6.3730118304	6.3730118304e+0
46.15	6.374393064	6.374393064e+0
46.16	6.3757742976	6.3757742976e+0
46.17	6.3771555312	6.3771555312e+0
46.18	6.3785367648	6.3785367648e+0
46.19	6.3799179984	6.3799179984e+0
46.2	6.381299232	6.381299232e+0
46.21	6.3826804656	6.3826804656e+0
46.22	6.3840616992	6.3840616992e+0
46.23	6.3854429328	6.3854429328e+0
46.24	6.3868241664	6.3868241664e+0
46.25	6.3882054	6.3882054e+0
46.26	6.3895866336	6.3895866336e+0
46.27	6.3909678672	6.3909678672e+0
46.28	6.3923491008	6.3923491008e+0
46.29	6.3937303344	6.3937303344e+0
46.3	6.395111568	6.395111568e+0
46.31	6.3964928016	6.3964928016e+0
46.32	6.3978740352	6.3978740352e+0
46.33	6.3992552688	6.3992552688e+0
46.34	6.4006365024	6.4006365024e+0
46.35	6.402017736	6.402017736e+0
46.36	6.4033989696	6.4033989696e+0
46.37	6.4047802032	6.4047802032e+0
46.38	6.4061614368	6.4061614368e+0
46.39	6.4075426704	6.4075426704e+0
46.4	6.408923904	6.408923904e+0
46.41	6.4103051376	6.4103051376e+0
46.42	6.4116863712	6.4116863712e+0
46.43	6.4130676048	6.4130676048e+0
46.44	6.4144488384	6.4144488384e+0
46.45	6.415830072	6.415830072e+0
46.46	6.4172113056	6.4172113056e+0
46.47	6.4185925392	6.4185925392e+0
46.48	6.4199737728	6.4199737728e+0
46.49	6.4213550064	6.4213550064e+0
46.5	6.42273624	6.42273624e+0

46.51	6.4241174736	6.4241174736e+0
46.52	6.4254987072	6.4254987072e+0
46.53	6.4268799408	6.4268799408e+0
46.54	6.4282611744	6.4282611744e+0
46.55	6.429642408	6.429642408e+0
46.56	6.4310236416	6.4310236416e+0
46.57	6.4324048752	6.4324048752e+0
46.58	6.4337861088	6.4337861088e+0
46.59	6.4351673424	6.4351673424e+0
46.6	6.436548576	6.436548576e+0
46.61	6.4379298096	6.4379298096e+0
46.62	6.4393110432	6.4393110432e+0
46.63	6.4406922768	6.4406922768e+0
46.64	6.4420735104	6.4420735104e+0
46.65	6.443454744	6.443454744e+0
46.66	6.4448359776	6.4448359776e+0
46.67	6.4462172112	6.4462172112e+0
46.68	6.4475984448	6.4475984448e+0
46.69	6.4489796784	6.4489796784e+0
46.7	6.450360912	6.450360912e+0
46.71	6.4517421456	6.4517421456e+0
46.72	6.4531233792	6.4531233792e+0
46.73	6.4545046128	6.4545046128e+0
46.74	6.4558858464	6.4558858464e+0
46.75	6.45726708	6.45726708e+0
46.76	6.4586483136	6.4586483136e+0
46.77	6.4600295472	6.4600295472e+0
46.78	6.4614107808	6.4614107808e+0
46.79	6.4627920144	6.4627920144e+0
46.8	6.464173248	6.464173248e+0
46.81	6.4655544816	6.4655544816e+0
46.82	6.4669357152	6.4669357152e+0
46.83	6.4683169488	6.4683169488e+0
46.84	6.4696981824	6.4696981824e+0
46.85	6.471079416	6.471079416e+0
46.86	6.4724606496	6.4724606496e+0
46.87	6.4738418832	6.4738418832e+0
46.88	6.4752231168	6.4752231168e+0

46.89	6.4766043504	6.4766043504e+0
46.9	6.477985584	6.477985584e+0
46.91	6.4793668176	6.4793668176e+0
46.92	6.4807480512	6.4807480512e+0
46.93	6.4821292848	6.4821292848e+0
46.94	6.4835105184	6.4835105184e+0
46.95	6.484891752	6.484891752e+0
46.96	6.4862729856	6.4862729856e+0
46.97	6.4876542192	6.4876542192e+0
46.98	6.4890354528	6.4890354528e+0
46.99	6.4904166864	6.4904166864e+0
47	6.49179792	6.49179792e+0
47.01	6.4931791536	6.4931791536e+0
47.02	6.4945603872	6.4945603872e+0
47.03	6.4959416208	6.4959416208e+0
47.04	6.4973228544	6.4973228544e+0
47.05	6.498704088	6.498704088e+0
47.06	6.5000853216	6.5000853216e+0
47.07	6.5014665552	6.5014665552e+0
47.08	6.5028477888	6.5028477888e+0
47.09	6.5042290224	6.5042290224e+0
47.1	6.505610256	6.505610256e+0
47.11	6.5069914896	6.5069914896e+0
47.12	6.5083727232	6.5083727232e+0
47.13	6.5097539568	6.5097539568e+0
47.14	6.5111351904	6.5111351904e+0
47.15	6.512516424	6.512516424e+0
47.16	6.5138976576	6.5138976576e+0
47.17	6.5152788912	6.5152788912e+0
47.18	6.5166601248	6.5166601248e+0
47.19	6.5180413584	6.5180413584e+0
47.2	6.519422592	6.519422592e+0
47.21	6.5208038256	6.5208038256e+0
47.22	6.5221850592	6.5221850592e+0
47.23	6.5235662928	6.5235662928e+0
47.24	6.5249475264	6.5249475264e+0
47.25	6.52632876	6.52632876e+0
47.26	6.5277099936	6.5277099936e+0

47.27	6.5290912272	6.5290912272e+0
47.28	6.5304724608	6.5304724608e+0
47.29	6.5318536944	6.5318536944e+0
47.3	6.533234928	6.533234928e+0
47.31	6.5346161616	6.5346161616e+0
47.32	6.5359973952	6.5359973952e+0
47.33	6.5373786288	6.5373786288e+0
47.34	6.5387598624	6.5387598624e+0
47.35	6.540141096	6.540141096e+0
47.36	6.5415223296	6.5415223296e+0
47.37	6.5429035632	6.5429035632e+0
47.38	6.5442847968	6.5442847968e+0
47.39	6.5456660304	6.5456660304e+0
47.4	6.547047264	6.547047264e+0
47.41	6.5484284976	6.5484284976e+0
47.42	6.5498097312	6.5498097312e+0
47.43	6.5511909648	6.5511909648e+0
47.44	6.5525721984	6.5525721984e+0
47.45	6.553953432	6.553953432e+0
47.46	6.5553346656	6.5553346656e+0
47.47	6.5567158992	6.5567158992e+0
47.48	6.5580971328	6.5580971328e+0
47.49	6.5594783664	6.5594783664e+0
47.5	6.5608596	6.5608596e+0
47.51	6.5622408336	6.5622408336e+0
47.52	6.5636220672	6.5636220672e+0
47.53	6.5650033008	6.5650033008e+0
47.54	6.5663845344	6.5663845344e+0
47.55	6.567765768	6.567765768e+0
47.56	6.5691470016	6.5691470016e+0
47.57	6.5705282352	6.5705282352e+0
47.58	6.5719094688	6.5719094688e+0
47.59	6.5732907024	6.5732907024e+0
47.6	6.574671936	6.574671936e+0
47.61	6.5760531696	6.5760531696e+0
47.62	6.5774344032	6.5774344032e+0
47.63	6.5788156368	6.5788156368e+0
47.64	6.5801968704	6.5801968704e+0

47.65	6.581578104	6.581578104e+0
47.66	6.5829593376	6.5829593376e+0
47.67	6.5843405712	6.5843405712e+0
47.68	6.5857218048	6.5857218048e+0
47.69	6.5871030384	6.5871030384e+0
47.7	6.588484272	6.588484272e+0
47.71	6.5898655056	6.5898655056e+0
47.72	6.5912467392	6.5912467392e+0
47.73	6.5926279728	6.5926279728e+0
47.74	6.5940092064	6.5940092064e+0
47.75	6.59539044	6.59539044e+0
47.76	6.5967716736	6.5967716736e+0
47.77	6.5981529072	6.5981529072e+0
47.78	6.5995341408	6.5995341408e+0
47.79	6.6009153744	6.6009153744e+0
47.8	6.602296608	6.602296608e+0
47.81	6.6036778416	6.6036778416e+0
47.82	6.6050590752	6.6050590752e+0
47.83	6.6064403088	6.6064403088e+0
47.84	6.6078215424	6.6078215424e+0
47.85	6.609202776	6.609202776e+0
47.86	6.6105840096	6.6105840096e+0
47.87	6.6119652432	6.6119652432e+0
47.88	6.6133464768	6.6133464768e+0
47.89	6.6147277104	6.6147277104e+0
47.9	6.616108944	6.616108944e+0
47.91	6.6174901776	6.6174901776e+0
47.92	6.6188714112	6.6188714112e+0
47.93	6.6202526448	6.6202526448e+0
47.94	6.6216338784	6.6216338784e+0
47.95	6.623015112	6.623015112e+0
47.96	6.6243963456	6.6243963456e+0
47.97	6.6257775792	6.6257775792e+0
47.98	6.6271588128	6.6271588128e+0
47.99	6.6285400464	6.6285400464e+0
48	6.62992128	6.62992128e+0
48.01	6.6313025136	6.6313025136e+0
48.02	6.6326837472	6.6326837472e+0

48.03	6.6340649808	6.6340649808e+0
48.04	6.6354462144	6.6354462144e+0
48.05	6.636827448	6.636827448e+0
48.06	6.6382086816	6.6382086816e+0
48.07	6.6395899152	6.6395899152e+0
48.08	6.6409711488	6.6409711488e+0
48.09	6.6423523824	6.6423523824e+0
48.1	6.643733616	6.643733616e+0
48.11	6.6451148496	6.6451148496e+0
48.12	6.6464960832	6.6464960832e+0
48.13	6.6478773168	6.6478773168e+0
48.14	6.6492585504	6.6492585504e+0
48.15	6.650639784	6.650639784e+0
48.16	6.6520210176	6.6520210176e+0
48.17	6.6534022512	6.6534022512e+0
48.18	6.6547834848	6.6547834848e+0
48.19	6.6561647184	6.6561647184e+0
48.2	6.657545952	6.657545952e+0
48.21	6.6589271856	6.6589271856e+0
48.22	6.6603084192	6.6603084192e+0
48.23	6.6616896528	6.6616896528e+0
48.24	6.6630708864	6.6630708864e+0
48.25	6.66445212	6.66445212e+0
48.26	6.6658333536	6.6658333536e+0
48.27	6.6672145872	6.6672145872e+0
48.28	6.6685958208	6.6685958208e+0
48.29	6.6699770544	6.6699770544e+0
48.3	6.671358288	6.671358288e+0
48.31	6.6727395216	6.6727395216e+0
48.32	6.6741207552	6.6741207552e+0
48.33	6.6755019888	6.6755019888e+0
48.34	6.6768832224	6.6768832224e+0
48.35	6.678264456	6.678264456e+0
48.36	6.6796456896	6.6796456896e+0
48.37	6.6810269232	6.6810269232e+0
48.38	6.6824081568	6.6824081568e+0
48.39	6.6837893904	6.6837893904e+0
48.4	6.685170624	6.685170624e+0

48.41	6.6865518576	6.6865518576e+0
48.42	6.6879330912	6.6879330912e+0
48.43	6.6893143248	6.6893143248e+0
48.44	6.6906955584	6.6906955584e+0
48.45	6.692076792	6.692076792e+0
48.46	6.6934580256	6.6934580256e+0
48.47	6.6948392592	6.6948392592e+0
48.48	6.6962204928	6.6962204928e+0
48.49	6.6976017264	6.6976017264e+0
48.5	6.69898296	6.69898296e+0
48.51	6.7003641936	6.7003641936e+0
48.52	6.7017454272	6.7017454272e+0
48.53	6.7031266608	6.7031266608e+0
48.54	6.7045078944	6.7045078944e+0
48.55	6.705889128	6.705889128e+0
48.56	6.7072703616	6.7072703616e+0
48.57	6.7086515952	6.7086515952e+0
48.58	6.7100328288	6.7100328288e+0
48.59	6.7114140624	6.7114140624e+0
48.6	6.712795296	6.712795296e+0
48.61	6.7141765296	6.7141765296e+0
48.62	6.7155577632	6.7155577632e+0
48.63	6.7169389968	6.7169389968e+0
48.64	6.7183202304	6.7183202304e+0
48.65	6.719701464	6.719701464e+0
48.66	6.7210826976	6.7210826976e+0
48.67	6.7224639312	6.7224639312e+0
48.68	6.7238451648	6.7238451648e+0
48.69	6.7252263984	6.7252263984e+0
48.7	6.726607632	6.726607632e+0
48.71	6.7279888656	6.7279888656e+0
48.72	6.7293700992	6.7293700992e+0
48.73	6.7307513328	6.7307513328e+0
48.74	6.7321325664	6.7321325664e+0
48.75	6.7335138	6.7335138e+0
48.76	6.7348950336	6.7348950336e+0
48.77	6.7362762672	6.7362762672e+0
48.78	6.7376575008	6.7376575008e+0

48.79	6.7390387344	6.7390387344e+0
48.8	6.740419968	6.740419968e+0
48.81	6.7418012016	6.7418012016e+0
48.82	6.7431824352	6.7431824352e+0
48.83	6.7445636688	6.7445636688e+0
48.84	6.7459449024	6.7459449024e+0
48.85	6.747326136	6.747326136e+0
48.86	6.7487073696	6.7487073696e+0
48.87	6.7500886032	6.7500886032e+0
48.88	6.7514698368	6.7514698368e+0
48.89	6.7528510704	6.7528510704e+0
48.9	6.754232304	6.754232304e+0
48.91	6.7556135376	6.7556135376e+0
48.92	6.7569947712	6.7569947712e+0
48.93	6.7583760048	6.7583760048e+0
48.94	6.7597572384	6.7597572384e+0
48.95	6.761138472	6.761138472e+0
48.96	6.7625197056	6.7625197056e+0
48.97	6.7639009392	6.7639009392e+0
48.98	6.7652821728	6.7652821728e+0
48.99	6.7666634064	6.7666634064e+0
49	6.76804464	6.76804464e+0
49.01	6.7694258736	6.7694258736e+0
49.02	6.7708071072	6.7708071072e+0
49.03	6.7721883408	6.7721883408e+0
49.04	6.7735695744	6.7735695744e+0
49.05	6.774950808	6.774950808e+0
49.06	6.7763320416	6.7763320416e+0
49.07	6.7777132752	6.7777132752e+0
49.08	6.7790945088	6.7790945088e+0
49.09	6.7804757424	6.7804757424e+0
49.1	6.781856976	6.781856976e+0
49.11	6.7832382096	6.7832382096e+0
49.12	6.7846194432	6.7846194432e+0
49.13	6.7860006768	6.7860006768e+0
49.14	6.7873819104	6.7873819104e+0
49.15	6.788763144	6.788763144e+0
49.16	6.7901443776	6.7901443776e+0

49.17	6.7915256112	6.7915256112e+0
49.18	6.7929068448	6.7929068448e+0
49.19	6.7942880784	6.7942880784e+0
49.2	6.795669312	6.795669312e+0
49.21	6.7970505456	6.7970505456e+0
49.22	6.7984317792	6.7984317792e+0
49.23	6.7998130128	6.7998130128e+0
49.24	6.8011942464	6.8011942464e+0
49.25	6.80257548	6.80257548e+0
49.26	6.8039567136	6.8039567136e+0
49.27	6.8053379472	6.8053379472e+0
49.28	6.8067191808	6.8067191808e+0
49.29	6.8081004144	6.8081004144e+0
49.3	6.809481648	6.809481648e+0
49.31	6.8108628816	6.8108628816e+0
49.32	6.8122441152	6.8122441152e+0
49.33	6.8136253488	6.8136253488e+0
49.34	6.8150065824	6.8150065824e+0
49.35	6.816387816	6.816387816e+0
49.36	6.8177690496	6.8177690496e+0
49.37	6.8191502832	6.8191502832e+0
49.38	6.8205315168	6.8205315168e+0
49.39	6.8219127504	6.8219127504e+0
49.4	6.823293984	6.823293984e+0
49.41	6.8246752176	6.8246752176e+0
49.42	6.8260564512	6.8260564512e+0
49.43	6.8274376848	6.8274376848e+0
49.44	6.8288189184	6.8288189184e+0
49.45	6.830200152	6.830200152e+0
49.46	6.8315813856	6.8315813856e+0
49.47	6.8329626192	6.8329626192e+0
49.48	6.8343438528	6.8343438528e+0
49.49	6.8357250864	6.8357250864e+0
49.5	6.83710632	6.83710632e+0
49.51	6.8384875536	6.8384875536e+0
49.52	6.8398687872	6.8398687872e+0
49.53	6.8412500208	6.8412500208e+0
49.54	6.8426312544	6.8426312544e+0

49.55	6.844012488	6.844012488e+0
49.56	6.8453937216	6.8453937216e+0
49.57	6.8467749552	6.8467749552e+0
49.58	6.8481561888	6.8481561888e+0
49.59	6.8495374224	6.8495374224e+0
49.6	6.850918656	6.850918656e+0
49.61	6.8522998896	6.8522998896e+0
49.62	6.8536811232	6.8536811232e+0
49.63	6.8550623568	6.8550623568e+0
49.64	6.8564435904	6.8564435904e+0
49.65	6.857824824	6.857824824e+0
49.66	6.8592060576	6.8592060576e+0
49.67	6.8605872912	6.8605872912e+0
49.68	6.8619685248	6.8619685248e+0
49.69	6.8633497584	6.8633497584e+0
49.7	6.864730992	6.864730992e+0
49.71	6.8661122256	6.8661122256e+0
49.72	6.8674934592	6.8674934592e+0
49.73	6.8688746928	6.8688746928e+0
49.74	6.8702559264	6.8702559264e+0
49.75	6.87163716	6.87163716e+0
49.76	6.8730183936	6.8730183936e+0
49.77	6.8743996272	6.8743996272e+0
49.78	6.8757808608	6.8757808608e+0
49.79	6.8771620944	6.8771620944e+0
49.8	6.878543328	6.878543328e+0
49.81	6.8799245616	6.8799245616e+0
49.82	6.8813057952	6.8813057952e+0
49.83	6.8826870288	6.8826870288e+0
49.84	6.8840682624	6.8840682624e+0
49.85	6.885449496	6.885449496e+0
49.86	6.8868307296	6.8868307296e+0
49.87	6.8882119632	6.8882119632e+0
49.88	6.8895931968	6.8895931968e+0
49.89	6.8909744304	6.8909744304e+0
49.9	6.892355664	6.892355664e+0
49.91	6.8937368976	6.8937368976e+0
49.92	6.8951181312	6.8951181312e+0

49.93	6.8964993648	6.8964993648e+0
49.94	6.8978805984	6.8978805984e+0
49.95	6.899261832	6.899261832e+0
49.96	6.9006430656	6.9006430656e+0
49.97	6.9020242992	6.9020242992e+0
49.98	6.9034055328	6.9034055328e+0
49.99	6.9047867664	6.9047867664e+0
50	6.906168	6.906168e+0
50.01	6.9075492336	6.9075492336e+0
50.02	6.9089304672	6.9089304672e+0
50.03	6.9103117008	6.9103117008e+0
50.04	6.9116929344	6.9116929344e+0
50.05	6.913074168	6.913074168e+0
50.06	6.9144554016	6.9144554016e+0
50.07	6.9158366352	6.9158366352e+0
50.08	6.9172178688	6.9172178688e+0
50.09	6.9185991024	6.9185991024e+0
50.1	6.919980336	6.919980336e+0
50.11	6.9213615696	6.9213615696e+0
50.12	6.9227428032	6.9227428032e+0
50.13	6.9241240368	6.9241240368e+0
50.14	6.9255052704	6.9255052704e+0
50.15	6.926886504	6.926886504e+0
50.16	6.9282677376	6.9282677376e+0
50.17	6.9296489712	6.9296489712e+0
50.18	6.9310302048	6.9310302048e+0
50.19	6.9324114384	6.9324114384e+0
50.2	6.933792672	6.933792672e+0
50.21	6.9351739056	6.9351739056e+0
50.22	6.9365551392	6.9365551392e+0
50.23	6.9379363728	6.9379363728e+0
50.24	6.9393176064	6.9393176064e+0
50.25	6.940698884	6.940698884e+0
50.26	6.9420800736	6.9420800736e+0
50.27	6.9434613072	6.9434613072e+0
50.28	6.9448425408	6.9448425408e+0
50.29	6.9462237744	6.9462237744e+0
50.3	6.947605008	6.947605008e+0

50.31	6.9489862416	6.9489862416e+0
50.32	6.9503674752	6.9503674752e+0
50.33	6.9517487088	6.9517487088e+0
50.34	6.9531299424	6.9531299424e+0
50.35	6.954511176	6.954511176e+0
50.36	6.9558924096	6.9558924096e+0
50.37	6.9572736432	6.9572736432e+0
50.38	6.9586548768	6.9586548768e+0
50.39	6.9600361104	6.9600361104e+0
50.4	6.961417344	6.961417344e+0
50.41	6.9627985776	6.9627985776e+0
50.42	6.9641798112	6.9641798112e+0
50.43	6.9655610448	6.9655610448e+0
50.44	6.9669422784	6.9669422784e+0
50.45	6.968323512	6.968323512e+0
50.46	6.9697047456	6.9697047456e+0
50.47	6.9710859792	6.9710859792e+0
50.48	6.9724672128	6.9724672128e+0
50.49	6.9738484464	6.9738484464e+0
50.5	6.97522968	6.97522968e+0
50.51	6.9766109136	6.9766109136e+0
50.52	6.9779921472	6.9779921472e+0
50.53	6.9793733808	6.9793733808e+0
50.54	6.9807546144	6.9807546144e+0
50.55	6.982135848	6.982135848e+0
50.56	6.9835170816	6.9835170816e+0
50.57	6.9848983152	6.9848983152e+0
50.58	6.9862795488	6.9862795488e+0
50.59	6.9876607824	6.9876607824e+0
50.6	6.989042016	6.989042016e+0
50.61	6.9904232496	6.9904232496e+0
50.62	6.9918044832	6.9918044832e+0
50.63	6.9931857168	6.9931857168e+0
50.64	6.9945669504	6.9945669504e+0
50.65	6.995948184	6.995948184e+0
50.66	6.9973294176	6.9973294176e+0
50.67	6.9987106512	6.9987106512e+0
50.68	7.0000918848	7.0000918848e+0

50.69	7.0014731184	7.0014731184e+0
50.7	7.002854352	7.002854352e+0
50.71	7.0042355856	7.0042355856e+0
50.72	7.0056168192	7.0056168192e+0
50.73	7.0069980528	7.0069980528e+0
50.74	7.0083792864	7.0083792864e+0
50.75	7.00976052	7.00976052e+0
50.76	7.0111417536	7.0111417536e+0
50.77	7.0125229872	7.0125229872e+0
50.78	7.0139042208	7.0139042208e+0
50.79	7.0152854544	7.0152854544e+0
50.8	7.016666688	7.016666688e+0
50.81	7.0180479216	7.0180479216e+0
50.82	7.0194291552	7.0194291552e+0
50.83	7.0208103888	7.0208103888e+0
50.84	7.0221916224	7.0221916224e+0
50.85	7.023572856	7.023572856e+0
50.86	7.0249540896	7.0249540896e+0
50.87	7.0263353232	7.0263353232e+0
50.88	7.0277165568	7.0277165568e+0
50.89	7.0290977904	7.0290977904e+0
50.9	7.030479024	7.030479024e+0
50.91	7.0318602576	7.0318602576e+0
50.92	7.0332414912	7.0332414912e+0
50.93	7.0346227248	7.0346227248e+0
50.94	7.0360039584	7.0360039584e+0
50.95	7.037385192	7.037385192e+0
50.96	7.0387664256	7.0387664256e+0
50.97	7.0401476592	7.0401476592e+0
50.98	7.0415288928	7.0415288928e+0
50.99	7.0429101264	7.0429101264e+0
51	7.04429136	7.04429136e+0
51.01	7.0456725936	7.0456725936e+0
51.02	7.0470538272	7.0470538272e+0
51.03	7.0484350608	7.0484350608e+0
51.04	7.0498162944	7.0498162944e+0
51.05	7.051197528	7.051197528e+0
51.06	7.0525787616	7.0525787616e+0

51.07	7.0539599952	7.0539599952e+0
51.08	7.0553412288	7.0553412288e+0
51.09	7.0567224624	7.0567224624e+0
51.1	7.058103696	7.058103696e+0
51.11	7.0594849296	7.0594849296e+0
51.12	7.0608661632	7.0608661632e+0
51.13	7.0622473968	7.0622473968e+0
51.14	7.0636286304	7.0636286304e+0
51.15	7.065009864	7.065009864e+0
51.16	7.0663910976	7.0663910976e+0
51.17	7.0677723312	7.0677723312e+0
51.18	7.0691535648	7.0691535648e+0
51.19	7.0705347984	7.0705347984e+0
51.2	7.071916032	7.071916032e+0
51.21	7.0732972656	7.0732972656e+0
51.22	7.0746784992	7.0746784992e+0
51.23	7.0760597328	7.0760597328e+0
51.24	7.0774409664	7.0774409664e+0
51.25	7.0788222	7.0788222e+0
51.26	7.0802034336	7.0802034336e+0
51.27	7.0815846672	7.0815846672e+0
51.28	7.0829659008	7.0829659008e+0
51.29	7.0843471344	7.0843471344e+0
51.3	7.085728368	7.085728368e+0
51.31	7.0871096016	7.0871096016e+0
51.32	7.0884908352	7.0884908352e+0
51.33	7.0898720688	7.0898720688e+0
51.34	7.0912533024	7.0912533024e+0
51.35	7.092634536	7.092634536e+0
51.36	7.0940157696	7.0940157696e+0
51.37	7.0953970032	7.0953970032e+0
51.38	7.0967782368	7.0967782368e+0
51.39	7.0981594704	7.0981594704e+0
51.4	7.099540704	7.099540704e+0
51.41	7.1009219376	7.1009219376e+0
51.42	7.1023031712	7.1023031712e+0
51.43	7.1036844048	7.1036844048e+0
51.44	7.1050656384	7.1050656384e+0

51.45	7.106446872	7.106446872e+0
51.46	7.1078281056	7.1078281056e+0
51.47	7.1092093392	7.1092093392e+0
51.48	7.1105905728	7.1105905728e+0
51.49	7.1119718064	7.1119718064e+0
51.5	7.11335304	7.11335304e+0
51.51	7.1147342736	7.1147342736e+0
51.52	7.1161155072	7.1161155072e+0
51.53	7.1174967408	7.1174967408e+0
51.54	7.1188779744	7.1188779744e+0
51.55	7.120259208	7.120259208e+0
51.56	7.1216404416	7.1216404416e+0
51.57	7.1230216752	7.1230216752e+0
51.58	7.1244029088	7.1244029088e+0
51.59	7.1257841424	7.1257841424e+0
51.6	7.127165376	7.127165376e+0
51.61	7.1285466096	7.1285466096e+0
51.62	7.1299278432	7.1299278432e+0
51.63	7.1313090768	7.1313090768e+0
51.64	7.1326903104	7.1326903104e+0
51.65	7.134071544	7.134071544e+0
51.66	7.1354527776	7.1354527776e+0
51.67	7.1368340112	7.1368340112e+0
51.68	7.1382152448	7.1382152448e+0
51.69	7.1395964784	7.1395964784e+0
51.7	7.140977712	7.140977712e+0
51.71	7.1423589456	7.1423589456e+0
51.72	7.1437401792	7.1437401792e+0
51.73	7.1451214128	7.1451214128e+0
51.74	7.1465026464	7.1465026464e+0
51.75	7.14788388	7.14788388e+0
51.76	7.1492651136	7.1492651136e+0
51.77	7.1506463472	7.1506463472e+0
51.78	7.1520275808	7.1520275808e+0
51.79	7.1534088144	7.1534088144e+0
51.8	7.154790048	7.154790048e+0
51.81	7.1561712816	7.1561712816e+0
51.82	7.1575525152	7.1575525152e+0

51.83	7.1589337488	7.1589337488e+0
51.84	7.1603149824	7.1603149824e+0
51.85	7.161696216	7.161696216e+0
51.86	7.1630774496	7.1630774496e+0
51.87	7.1644586832	7.1644586832e+0
51.88	7.1658399168	7.1658399168e+0
51.89	7.1672211504	7.1672211504e+0
51.9	7.168602384	7.168602384e+0
51.91	7.1699836176	7.1699836176e+0
51.92	7.1713648512	7.1713648512e+0
51.93	7.1727460848	7.1727460848e+0
51.94	7.1741273184	7.1741273184e+0
51.95	7.175508552	7.175508552e+0
51.96	7.1768897856	7.1768897856e+0
51.97	7.1782710192	7.1782710192e+0
51.98	7.1796522528	7.1796522528e+0
51.99	7.1810334864	7.1810334864e+0
52	7.18241472	7.18241472e+0
52.01	7.1837959536	7.1837959536e+0
52.02	7.1851771872	7.1851771872e+0
52.03	7.1865584208	7.1865584208e+0
52.04	7.1879396544	7.1879396544e+0
52.05	7.189320888	7.189320888e+0
52.06	7.1907021216	7.1907021216e+0
52.07	7.1920833552	7.1920833552e+0
52.08	7.1934645888	7.1934645888e+0
52.09	7.1948458224	7.1948458224e+0
52.1	7.196227056	7.196227056e+0
52.11	7.1976082896	7.1976082896e+0
52.12	7.1989895232	7.1989895232e+0
52.13	7.2003707568	7.2003707568e+0
52.14	7.2017519904	7.2017519904e+0
52.15	7.203133224	7.203133224e+0
52.16	7.2045144576	7.2045144576e+0
52.17	7.2058956912	7.2058956912e+0
52.18	7.2072769248	7.2072769248e+0
52.19	7.2086581584	7.2086581584e+0
52.2	7.210039392	7.210039392e+0

52.21	7.2114206256	7.2114206256e+0
52.22	7.2128018592	7.2128018592e+0
52.23	7.2141830928	7.2141830928e+0
52.24	7.2155643264	7.2155643264e+0
52.25	7.21694556	7.21694556e+0
52.26	7.2183267936	7.2183267936e+0
52.27	7.2197080272	7.2197080272e+0
52.28	7.2210892608	7.2210892608e+0
52.29	7.2224704944	7.2224704944e+0
52.3	7.223851728	7.223851728e+0
52.31	7.2252329616	7.2252329616e+0
52.32	7.2266141952	7.2266141952e+0
52.33	7.2279954288	7.2279954288e+0
52.34	7.2293766624	7.2293766624e+0
52.35	7.230757896	7.230757896e+0
52.36	7.2321391296	7.2321391296e+0
52.37	7.2335203632	7.2335203632e+0
52.38	7.2349015968	7.2349015968e+0
52.39	7.2362828304	7.2362828304e+0
52.4	7.237664064	7.237664064e+0
52.41	7.2390452976	7.2390452976e+0
52.42	7.2404265312	7.2404265312e+0
52.43	7.2418077648	7.2418077648e+0
52.44	7.2431889984	7.2431889984e+0
52.45	7.244570232	7.244570232e+0
52.46	7.2459514656	7.2459514656e+0
52.47	7.2473326992	7.2473326992e+0
52.48	7.2487139328	7.2487139328e+0
52.49	7.2500951664	7.2500951664e+0
52.5	7.2514764	7.2514764e+0
52.51	7.2528576336	7.2528576336e+0
52.52	7.2542388672	7.2542388672e+0
52.53	7.2556201008	7.2556201008e+0
52.54	7.2570013344	7.2570013344e+0
52.55	7.258382568	7.258382568e+0
52.56	7.2597638016	7.2597638016e+0
52.57	7.2611450352	7.2611450352e+0
52.58	7.2625262688	7.2625262688e+0

52.59	7.2639075024	7.2639075024e+0
52.6	7.265288736	7.265288736e+0
52.61	7.2666699696	7.2666699696e+0
52.62	7.2680512032	7.2680512032e+0
52.63	7.2694324368	7.2694324368e+0
52.64	7.2708136704	7.2708136704e+0
52.65	7.272194904	7.272194904e+0
52.66	7.2735761376	7.2735761376e+0
52.67	7.2749573712	7.2749573712e+0
52.68	7.2763386048	7.2763386048e+0
52.69	7.2777198384	7.2777198384e+0
52.7	7.279101072	7.279101072e+0
52.71	7.2804823056	7.2804823056e+0
52.72	7.2818635392	7.2818635392e+0
52.73	7.2832447728	7.2832447728e+0
52.74	7.2846260064	7.2846260064e+0
52.75	7.28600724	7.28600724e+0
52.76	7.2873884736	7.2873884736e+0
52.77	7.2887697072	7.2887697072e+0
52.78	7.2901509408	7.2901509408e+0
52.79	7.2915321744	7.2915321744e+0
52.8	7.292913408	7.292913408e+0
52.81	7.2942946416	7.2942946416e+0
52.82	7.2956758752	7.2956758752e+0
52.83	7.2970571088	7.2970571088e+0
52.84	7.2984383424	7.2984383424e+0
52.85	7.299819576	7.299819576e+0
52.86	7.3012008096	7.3012008096e+0
52.87	7.3025820432	7.3025820432e+0
52.88	7.3039632768	7.3039632768e+0
52.89	7.3053445104	7.3053445104e+0
52.9	7.306725744	7.306725744e+0
52.91	7.3081069776	7.3081069776e+0
52.92	7.3094882112	7.3094882112e+0
52.93	7.3108694448	7.3108694448e+0
52.94	7.3122506784	7.3122506784e+0
52.95	7.313631912	7.313631912e+0
52.96	7.3150131456	7.3150131456e+0

52.97	7.3163943792	7.3163943792e+0
52.98	7.3177756128	7.3177756128e+0
52.99	7.3191568464	7.3191568464e+0
53	7.32053808	7.32053808e+0
53.01	7.3219193136	7.3219193136e+0
53.02	7.3233005472	7.3233005472e+0
53.03	7.3246817808	7.3246817808e+0
53.04	7.3260630144	7.3260630144e+0
53.05	7.327444248	7.327444248e+0
53.06	7.3288254816	7.3288254816e+0
53.07	7.3302067152	7.3302067152e+0
53.08	7.3315879488	7.3315879488e+0
53.09	7.3329691824	7.3329691824e+0
53.1	7.334350416	7.334350416e+0
53.11	7.3357316496	7.3357316496e+0
53.12	7.3371128832	7.3371128832e+0
53.13	7.3384941168	7.3384941168e+0
53.14	7.3398753504	7.3398753504e+0
53.15	7.341256584	7.341256584e+0
53.16	7.3426378176	7.3426378176e+0
53.17	7.3440190512	7.3440190512e+0
53.18	7.3454002848	7.3454002848e+0
53.19	7.3467815184	7.3467815184e+0
53.2	7.348162752	7.348162752e+0
53.21	7.3495439856	7.3495439856e+0
53.22	7.3509252192	7.3509252192e+0
53.23	7.3523064528	7.3523064528e+0
53.24	7.3536876864	7.3536876864e+0
53.25	7.35506892	7.35506892e+0
53.26	7.3564501536	7.3564501536e+0
53.27	7.3578313872	7.3578313872e+0
53.28	7.3592126208	7.3592126208e+0
53.29	7.3605938544	7.3605938544e+0
53.3	7.361975088	7.361975088e+0
53.31	7.3633563216	7.3633563216e+0
53.32	7.3647375552	7.3647375552e+0
53.33	7.3661187888	7.3661187888e+0
53.34	7.3675000224	7.3675000224e+0

53.35	7.368881256	7.368881256e+0
53.36	7.3702624896	7.3702624896e+0
53.37	7.3716437232	7.3716437232e+0
53.38	7.3730249568	7.3730249568e+0
53.39	7.3744061904	7.3744061904e+0
53.4	7.375787424	7.375787424e+0
53.41	7.3771686576	7.3771686576e+0
53.42	7.3785498912	7.3785498912e+0
53.43	7.3799311248	7.3799311248e+0
53.44	7.3813123584	7.3813123584e+0
53.45	7.382693592	7.382693592e+0
53.46	7.3840748256	7.3840748256e+0
53.47	7.3854560592	7.3854560592e+0
53.48	7.3868372928	7.3868372928e+0
53.49	7.3882185264	7.3882185264e+0
53.5	7.38959976	7.38959976e+0
53.51	7.3909809936	7.3909809936e+0
53.52	7.3923622272	7.3923622272e+0
53.53	7.3937434608	7.3937434608e+0
53.54	7.3951246944	7.3951246944e+0
53.55	7.396505928	7.396505928e+0
53.56	7.3978871616	7.3978871616e+0
53.57	7.3992683952	7.3992683952e+0
53.58	7.4006496288	7.4006496288e+0
53.59	7.4020308624	7.4020308624e+0
53.6	7.403412096	7.403412096e+0
53.61	7.4047933296	7.4047933296e+0
53.62	7.4061745632	7.4061745632e+0
53.63	7.4075557968	7.4075557968e+0
53.64	7.4089370304	7.4089370304e+0
53.65	7.410318264	7.410318264e+0
53.66	7.4116994976	7.4116994976e+0
53.67	7.4130807312	7.4130807312e+0
53.68	7.4144619648	7.4144619648e+0
53.69	7.4158431984	7.4158431984e+0
53.7	7.417224432	7.417224432e+0
53.71	7.4186056656	7.4186056656e+0
53.72	7.4199868992	7.4199868992e+0

53.73	7.4213681328	7.4213681328e+0
53.74	7.4227493664	7.4227493664e+0
53.75	7.4241306	7.4241306e+0
53.76	7.4255118336	7.4255118336e+0
53.77	7.4268930672	7.4268930672e+0
53.78	7.4282743008	7.4282743008e+0
53.79	7.4296555344	7.4296555344e+0
53.8	7.431036768	7.431036768e+0
53.81	7.4324180016	7.4324180016e+0
53.82	7.4337992352	7.4337992352e+0
53.83	7.4351804688	7.4351804688e+0
53.84	7.4365617024	7.4365617024e+0
53.85	7.437942936	7.437942936e+0
53.86	7.4393241696	7.4393241696e+0
53.87	7.4407054032	7.4407054032e+0
53.88	7.4420866368	7.4420866368e+0
53.89	7.4434678704	7.4434678704e+0
53.9	7.444849104	7.444849104e+0
53.91	7.4462303376	7.4462303376e+0
53.92	7.4476115712	7.4476115712e+0
53.93	7.4489928048	7.4489928048e+0
53.94	7.4503740384	7.4503740384e+0
53.95	7.451755272	7.451755272e+0
53.96	7.4531365056	7.4531365056e+0
53.97	7.4545177392	7.4545177392e+0
53.98	7.4558989728	7.4558989728e+0
53.99	7.4572802064	7.4572802064e+0
54	7.45866144	7.45866144e+0
54.01	7.4600426736	7.4600426736e+0
54.02	7.4614239072	7.4614239072e+0
54.03	7.4628051408	7.4628051408e+0
54.04	7.4641863744	7.4641863744e+0
54.05	7.465567608	7.465567608e+0
54.06	7.4669488416	7.4669488416e+0
54.07	7.4683300752	7.4683300752e+0
54.08	7.4697113088	7.4697113088e+0
54.09	7.4710925424	7.4710925424e+0
54.1	7.472473776	7.472473776e+0

54.11	7.4738550096	7.4738550096e+0
54.12	7.4752362432	7.4752362432e+0
54.13	7.4766174768	7.4766174768e+0
54.14	7.4779987104	7.4779987104e+0
54.15	7.479379944	7.479379944e+0
54.16	7.4807611776	7.4807611776e+0
54.17	7.4821424112	7.4821424112e+0
54.18	7.4835236448	7.4835236448e+0
54.19	7.4849048784	7.4849048784e+0
54.2	7.486286112	7.486286112e+0
54.21	7.4876673456	7.4876673456e+0
54.22	7.4890485792	7.4890485792e+0
54.23	7.4904298128	7.4904298128e+0
54.24	7.4918110464	7.4918110464e+0
54.25	7.49319228	7.49319228e+0
54.26	7.4945735136	7.4945735136e+0
54.27	7.4959547472	7.4959547472e+0
54.28	7.4973359808	7.4973359808e+0
54.29	7.4987172144	7.4987172144e+0
54.3	7.500098448	7.500098448e+0
54.31	7.5014796816	7.5014796816e+0
54.32	7.5028609152	7.5028609152e+0
54.33	7.5042421488	7.5042421488e+0
54.34	7.5056233824	7.5056233824e+0
54.35	7.507004616	7.507004616e+0
54.36	7.5083858496	7.5083858496e+0
54.37	7.5097670832	7.5097670832e+0
54.38	7.5111483168	7.5111483168e+0
54.39	7.5125295504	7.5125295504e+0
54.4	7.513910784	7.513910784e+0
54.41	7.5152920176	7.5152920176e+0
54.42	7.5166732512	7.5166732512e+0
54.43	7.5180544848	7.5180544848e+0
54.44	7.5194357184	7.5194357184e+0
54.45	7.520816952	7.520816952e+0
54.46	7.5221981856	7.5221981856e+0
54.47	7.5235794192	7.5235794192e+0
54.48	7.5249606528	7.5249606528e+0

54.49	7.5263418864	7.5263418864e+0
54.5	7.52772312	7.52772312e+0
54.51	7.5291043536	7.5291043536e+0
54.52	7.5304855872	7.5304855872e+0
54.53	7.5318668208	7.5318668208e+0
54.54	7.5332480544	7.5332480544e+0
54.55	7.534629288	7.534629288e+0
54.56	7.5360105216	7.5360105216e+0
54.57	7.5373917552	7.5373917552e+0
54.58	7.5387729888	7.5387729888e+0
54.59	7.5401542224	7.5401542224e+0
54.6	7.541535456	7.541535456e+0
54.61	7.5429166896	7.5429166896e+0
54.62	7.5442979232	7.5442979232e+0
54.63	7.5456791568	7.5456791568e+0
54.64	7.5470603904	7.5470603904e+0
54.65	7.548441624	7.548441624e+0
54.66	7.5498228576	7.5498228576e+0
54.67	7.5512040912	7.5512040912e+0
54.68	7.5525853248	7.5525853248e+0
54.69	7.5539665584	7.5539665584e+0
54.7	7.555347792	7.555347792e+0
54.71	7.5567290256	7.5567290256e+0
54.72	7.5581102592	7.5581102592e+0
54.73	7.5594914928	7.5594914928e+0
54.74	7.5608727264	7.5608727264e+0
54.75	7.56225396	7.56225396e+0
54.76	7.5636351936	7.5636351936e+0
54.77	7.5650164272	7.5650164272e+0
54.78	7.5663976608	7.5663976608e+0
54.79	7.5677788944	7.5677788944e+0
54.8	7.569160128	7.569160128e+0
54.81	7.5705413616	7.5705413616e+0
54.82	7.5719225952	7.5719225952e+0
54.83	7.5733038288	7.5733038288e+0
54.84	7.5746850624	7.5746850624e+0
54.85	7.576066296	7.576066296e+0
54.86	7.5774475296	7.5774475296e+0

54.87	7.5788287632	7.5788287632e+0
54.88	7.5802099968	7.5802099968e+0
54.89	7.5815912304	7.5815912304e+0
54.9	7.582972464	7.582972464e+0
54.91	7.5843536976	7.5843536976e+0
54.92	7.5857349312	7.5857349312e+0
54.93	7.5871161648	7.5871161648e+0
54.94	7.5884973984	7.5884973984e+0
54.95	7.589878632	7.589878632e+0
54.96	7.5912598656	7.5912598656e+0
54.97	7.5926410992	7.5926410992e+0
54.98	7.5940223328	7.5940223328e+0
54.99	7.5954035664	7.5954035664e+0
55	7.5967848	7.5967848e+0
55.01	7.5981660336	7.5981660336e+0
55.02	7.5995472672	7.5995472672e+0
55.03	7.6009285008	7.6009285008e+0
55.04	7.6023097344	7.6023097344e+0
55.05	7.603690968	7.603690968e+0
55.06	7.6050722016	7.6050722016e+0
55.07	7.6064534352	7.6064534352e+0
55.08	7.6078346688	7.6078346688e+0
55.09	7.6092159024	7.6092159024e+0
55.1	7.610597136	7.610597136e+0
55.11	7.6119783696	7.6119783696e+0
55.12	7.6133596032	7.6133596032e+0
55.13	7.6147408368	7.6147408368e+0
55.14	7.6161220704	7.6161220704e+0
55.15	7.617503304	7.617503304e+0
55.16	7.6188845376	7.6188845376e+0
55.17	7.6202657712	7.6202657712e+0
55.18	7.6216470048	7.6216470048e+0
55.19	7.6230282384	7.6230282384e+0
55.2	7.624409472	7.624409472e+0
55.21	7.6257907056	7.6257907056e+0
55.22	7.6271719392	7.6271719392e+0
55.23	7.6285531728	7.6285531728e+0
55.24	7.6299344064	7.6299344064e+0

55.25	7.63131564	7.63131564e+0
55.26	7.6326968736	7.6326968736e+0
55.27	7.6340781072	7.6340781072e+0
55.28	7.6354593408	7.6354593408e+0
55.29	7.6368405744	7.6368405744e+0
55.3	7.638221808	7.638221808e+0
55.31	7.6396030416	7.6396030416e+0
55.32	7.6409842752	7.6409842752e+0
55.33	7.6423655088	7.6423655088e+0
55.34	7.6437467424	7.6437467424e+0
55.35	7.645127976	7.645127976e+0
55.36	7.6465092096	7.6465092096e+0
55.37	7.6478904432	7.6478904432e+0
55.38	7.6492716768	7.6492716768e+0
55.39	7.6506529104	7.6506529104e+0
55.4	7.652034144	7.652034144e+0
55.41	7.6534153776	7.6534153776e+0
55.42	7.6547966112	7.6547966112e+0
55.43	7.6561778448	7.6561778448e+0
55.44	7.6575590784	7.6575590784e+0
55.45	7.658940312	7.658940312e+0
55.46	7.6603215456	7.6603215456e+0
55.47	7.6617027792	7.6617027792e+0
55.48	7.6630840128	7.6630840128e+0
55.49	7.6644652464	7.6644652464e+0
55.5	7.66584648	7.66584648e+0
55.51	7.6672277136	7.6672277136e+0
55.52	7.6686089472	7.6686089472e+0
55.53	7.6699901808	7.6699901808e+0
55.54	7.6713714144	7.6713714144e+0
55.55	7.672752648	7.672752648e+0
55.56	7.6741338816	7.6741338816e+0
55.57	7.6755151152	7.6755151152e+0
55.58	7.6768963488	7.6768963488e+0
55.59	7.6782775824	7.6782775824e+0
55.6	7.679658816	7.679658816e+0
55.61	7.6810400496	7.6810400496e+0
55.62	7.6824212832	7.6824212832e+0

55.63	7.6838025168	7.6838025168e+0
55.64	7.6851837504	7.6851837504e+0
55.65	7.686564984	7.686564984e+0
55.66	7.6879462176	7.6879462176e+0
55.67	7.6893274512	7.6893274512e+0
55.68	7.6907086848	7.6907086848e+0
55.69	7.6920899184	7.6920899184e+0
55.7	7.693471152	7.693471152e+0
55.71	7.6948523856	7.6948523856e+0
55.72	7.6962336192	7.6962336192e+0
55.73	7.6976148528	7.6976148528e+0
55.74	7.6989960864	7.6989960864e+0
55.75	7.70037732	7.70037732e+0
55.76	7.7017585536	7.7017585536e+0
55.77	7.7031397872	7.7031397872e+0
55.78	7.7045210208	7.7045210208e+0
55.79	7.7059022544	7.7059022544e+0
55.8	7.707283488	7.707283488e+0
55.81	7.7086647216	7.7086647216e+0
55.82	7.7100459552	7.7100459552e+0
55.83	7.7114271888	7.7114271888e+0
55.84	7.7128084224	7.7128084224e+0
55.85	7.714189656	7.714189656e+0
55.86	7.7155708896	7.7155708896e+0
55.87	7.7169521232	7.7169521232e+0
55.88	7.7183333568	7.7183333568e+0
55.89	7.7197145904	7.7197145904e+0
55.9	7.721095824	7.721095824e+0
55.91	7.7224770576	7.7224770576e+0
55.92	7.7238582912	7.7238582912e+0
55.93	7.7252395248	7.7252395248e+0
55.94	7.7266207584	7.7266207584e+0
55.95	7.728001992	7.728001992e+0
55.96	7.7293832256	7.7293832256e+0
55.97	7.7307644592	7.7307644592e+0
55.98	7.7321456928	7.7321456928e+0
55.99	7.7335269264	7.7335269264e+0
56	7.73490816	7.73490816e+0

56.01	7.7362893936	7.7362893936e+0
56.02	7.7376706272	7.7376706272e+0
56.03	7.7390518608	7.7390518608e+0
56.04	7.7404330944	7.7404330944e+0
56.05	7.741814328	7.741814328e+0
56.06	7.7431955616	7.7431955616e+0
56.07	7.7445767952	7.7445767952e+0
56.08	7.7459580288	7.7459580288e+0
56.09	7.7473392624	7.7473392624e+0
56.1	7.748720496	7.748720496e+0
56.11	7.7501017296	7.7501017296e+0
56.12	7.7514829632	7.7514829632e+0
56.13	7.7528641968	7.7528641968e+0
56.14	7.7542454304	7.7542454304e+0
56.15	7.755626664	7.755626664e+0
56.16	7.7570078976	7.7570078976e+0
56.17	7.7583891312	7.7583891312e+0
56.18	7.7597703648	7.7597703648e+0
56.19	7.7611515984	7.7611515984e+0
56.2	7.762532832	7.762532832e+0
56.21	7.7639140656	7.7639140656e+0
56.22	7.7652952992	7.7652952992e+0
56.23	7.7666765328	7.7666765328e+0
56.24	7.7680577664	7.7680577664e+0
56.25	7.769439	7.769439e+0
56.26	7.7708202336	7.7708202336e+0
56.27	7.7722014672	7.7722014672e+0
56.28	7.7735827008	7.7735827008e+0
56.29	7.7749639344	7.7749639344e+0
56.3	7.776345168	7.776345168e+0
56.31	7.7777264016	7.7777264016e+0
56.32	7.7791076352	7.7791076352e+0
56.33	7.7804888688	7.7804888688e+0
56.34	7.7818701024	7.7818701024e+0
56.35	7.783251336	7.783251336e+0
56.36	7.7846325696	7.7846325696e+0
56.37	7.7860138032	7.7860138032e+0
56.38	7.7873950368	7.7873950368e+0

56.39	7.7887762704	7.7887762704e+0
56.4	7.790157504	7.790157504e+0
56.41	7.7915387376	7.7915387376e+0
56.42	7.7929199712	7.7929199712e+0
56.43	7.7943012048	7.7943012048e+0
56.44	7.7956824384	7.7956824384e+0
56.45	7.797063672	7.797063672e+0
56.46	7.7984449056	7.7984449056e+0
56.47	7.7998261392	7.7998261392e+0
56.48	7.8012073728	7.8012073728e+0
56.49	7.8025886064	7.8025886064e+0
56.5	7.80396984	7.80396984e+0
56.51	7.8053510736	7.8053510736e+0
56.52	7.8067323072	7.8067323072e+0
56.53	7.8081135408	7.8081135408e+0
56.54	7.8094947744	7.8094947744e+0
56.55	7.810876008	7.810876008e+0
56.56	7.8122572416	7.8122572416e+0
56.57	7.8136384752	7.8136384752e+0
56.58	7.8150197088	7.8150197088e+0
56.59	7.8164009424	7.8164009424e+0
56.6	7.817782176	7.817782176e+0
56.61	7.8191634096	7.8191634096e+0
56.62	7.8205446432	7.8205446432e+0
56.63	7.8219258768	7.8219258768e+0
56.64	7.8233071104	7.8233071104e+0
56.65	7.824688344	7.824688344e+0
56.66	7.8260695776	7.8260695776e+0
56.67	7.8274508112	7.8274508112e+0
56.68	7.8288320448	7.8288320448e+0
56.69	7.8302132784	7.8302132784e+0
56.7	7.831594512	7.831594512e+0
56.71	7.8329757456	7.8329757456e+0
56.72	7.8343569792	7.8343569792e+0
56.73	7.8357382128	7.8357382128e+0
56.74	7.8371194464	7.8371194464e+0
56.75	7.83850068	7.83850068e+0
56.76	7.8398819136	7.8398819136e+0

56.77	7.8412631472	7.8412631472e+0
56.78	7.8426443808	7.8426443808e+0
56.79	7.8440256144	7.8440256144e+0
56.8	7.845406848	7.845406848e+0
56.81	7.8467880816	7.8467880816e+0
56.82	7.8481693152	7.8481693152e+0
56.83	7.8495505488	7.8495505488e+0
56.84	7.8509317824	7.8509317824e+0
56.85	7.852313016	7.852313016e+0
56.86	7.8536942496	7.8536942496e+0
56.87	7.8550754832	7.8550754832e+0
56.88	7.8564567168	7.8564567168e+0
56.89	7.8578379504	7.8578379504e+0
56.9	7.859219184	7.859219184e+0
56.91	7.8606004176	7.8606004176e+0
56.92	7.8619816512	7.8619816512e+0
56.93	7.8633628848	7.8633628848e+0
56.94	7.8647441184	7.8647441184e+0
56.95	7.866125352	7.866125352e+0
56.96	7.8675065856	7.8675065856e+0
56.97	7.8688878192	7.8688878192e+0
56.98	7.8702690528	7.8702690528e+0
56.99	7.8716502864	7.8716502864e+0
57	7.87303152	7.87303152e+0
57.01	7.8744127536	7.8744127536e+0
57.02	7.8757939872	7.8757939872e+0
57.03	7.8771752208	7.8771752208e+0
57.04	7.8785564544	7.8785564544e+0
57.05	7.879937688	7.879937688e+0
57.06	7.8813189216	7.8813189216e+0
57.07	7.8827001552	7.8827001552e+0
57.08	7.8840813888	7.8840813888e+0
57.09	7.8854626224	7.8854626224e+0
57.1	7.886843856	7.886843856e+0
57.11	7.8882250896	7.8882250896e+0
57.12	7.8896063232	7.8896063232e+0
57.13	7.8909875568	7.8909875568e+0
57.14	7.8923687904	7.8923687904e+0

57.15	7.893750024	7.893750024e+0
57.16	7.8951312576	7.8951312576e+0
57.17	7.8965124912	7.8965124912e+0
57.18	7.8978937248	7.8978937248e+0
57.19	7.8992749584	7.8992749584e+0
57.2	7.900656192	7.900656192e+0
57.21	7.9020374256	7.9020374256e+0
57.22	7.9034186592	7.9034186592e+0
57.23	7.9047998928	7.9047998928e+0
57.24	7.9061811264	7.9061811264e+0
57.25	7.90756236	7.90756236e+0
57.26	7.9089435936	7.9089435936e+0
57.27	7.9103248272	7.9103248272e+0
57.28	7.9117060608	7.9117060608e+0
57.29	7.9130872944	7.9130872944e+0
57.3	7.914468528	7.914468528e+0
57.31	7.9158497616	7.9158497616e+0
57.32	7.9172309952	7.9172309952e+0
57.33	7.9186122288	7.9186122288e+0
57.34	7.9199934624	7.9199934624e+0
57.35	7.921374696	7.921374696e+0
57.36	7.9227559296	7.9227559296e+0
57.37	7.9241371632	7.9241371632e+0
57.38	7.9255183968	7.9255183968e+0
57.39	7.9268996304	7.9268996304e+0
57.4	7.928280864	7.928280864e+0
57.41	7.9296620976	7.9296620976e+0
57.42	7.9310433312	7.9310433312e+0
57.43	7.9324245648	7.9324245648e+0
57.44	7.9338057984	7.9338057984e+0
57.45	7.935187032	7.935187032e+0
57.46	7.9365682656	7.9365682656e+0
57.47	7.9379494992	7.9379494992e+0
57.48	7.9393307328	7.9393307328e+0
57.49	7.9407119664	7.9407119664e+0
57.5	7.9420932	7.9420932e+0
57.51	7.9434744336	7.9434744336e+0
57.52	7.9448556672	7.9448556672e+0

57.53	7.9462369008	7.9462369008e+0
57.54	7.9476181344	7.9476181344e+0
57.55	7.948999368	7.948999368e+0
57.56	7.9503806016	7.9503806016e+0
57.57	7.9517618352	7.9517618352e+0
57.58	7.9531430688	7.9531430688e+0
57.59	7.9545243024	7.9545243024e+0
57.6	7.955905536	7.955905536e+0
57.61	7.9572867696	7.9572867696e+0
57.62	7.9586680032	7.9586680032e+0
57.63	7.9600492368	7.9600492368e+0
57.64	7.9614304704	7.9614304704e+0
57.65	7.962811704	7.962811704e+0
57.66	7.9641929376	7.9641929376e+0
57.67	7.9655741712	7.9655741712e+0
57.68	7.9669554048	7.9669554048e+0
57.69	7.9683366384	7.9683366384e+0
57.7	7.969717872	7.969717872e+0
57.71	7.9710991056	7.9710991056e+0
57.72	7.9724803392	7.9724803392e+0
57.73	7.9738615728	7.9738615728e+0
57.74	7.9752428064	7.9752428064e+0
57.75	7.97662404	7.97662404e+0
57.76	7.9780052736	7.9780052736e+0
57.77	7.9793865072	7.9793865072e+0
57.78	7.9807677408	7.9807677408e+0
57.79	7.9821489744	7.9821489744e+0
57.8	7.983530208	7.983530208e+0
57.81	7.9849114416	7.9849114416e+0
57.82	7.9862926752	7.9862926752e+0
57.83	7.9876739088	7.9876739088e+0
57.84	7.9890551424	7.9890551424e+0
57.85	7.990436376	7.990436376e+0
57.86	7.9918176096	7.9918176096e+0
57.87	7.9931988432	7.9931988432e+0
57.88	7.9945800768	7.9945800768e+0
57.89	7.9959613104	7.9959613104e+0
57.9	7.997342544	7.997342544e+0

57.91	7.9987237776	7.9987237776e+0
57.92	8.0001050112	8.0001050112e+0
57.93	8.0014862448	8.0014862448e+0
57.94	8.0028674784	8.0028674784e+0
57.95	8.004248712	8.004248712e+0
57.96	8.0056299456	8.0056299456e+0
57.97	8.0070111792	8.0070111792e+0
57.98	8.0083924128	8.0083924128e+0
57.99	8.0097736464	8.0097736464e+0
58	8.01115488	8.01115488e+0
58.01	8.0125361136	8.0125361136e+0
58.02	8.0139173472	8.0139173472e+0
58.03	8.0152985808	8.0152985808e+0
58.04	8.0166798144	8.0166798144e+0
58.05	8.018061048	8.018061048e+0
58.06	8.0194422816	8.0194422816e+0
58.07	8.0208235152	8.0208235152e+0
58.08	8.0222047488	8.0222047488e+0
58.09	8.0235859824	8.0235859824e+0
58.1	8.024967216	8.024967216e+0
58.11	8.0263484496	8.0263484496e+0
58.12	8.0277296832	8.0277296832e+0
58.13	8.0291109168	8.0291109168e+0
58.14	8.0304921504	8.0304921504e+0
58.15	8.031873384	8.031873384e+0
58.16	8.0332546176	8.0332546176e+0
58.17	8.0346358512	8.0346358512e+0
58.18	8.0360170848	8.0360170848e+0
58.19	8.0373983184	8.0373983184e+0
58.2	8.038779552	8.038779552e+0
58.21	8.0401607856	8.0401607856e+0
58.22	8.0415420192	8.0415420192e+0
58.23	8.0429232528	8.0429232528e+0
58.24	8.0443044864	8.0443044864e+0
58.25	8.04568572	8.04568572e+0
58.26	8.0470669536	8.0470669536e+0
58.27	8.0484481872	8.0484481872e+0
58.28	8.0498294208	8.0498294208e+0

58.29	8.0512106544	8.0512106544e+0
58.3	8.052591888	8.052591888e+0
58.31	8.0539731216	8.0539731216e+0
58.32	8.0553543552	8.0553543552e+0
58.33	8.0567355888	8.0567355888e+0
58.34	8.0581168224	8.0581168224e+0
58.35	8.059498056	8.059498056e+0
58.36	8.0608792896	8.0608792896e+0
58.37	8.0622605232	8.0622605232e+0
58.38	8.0636417568	8.0636417568e+0
58.39	8.0650229904	8.0650229904e+0
58.4	8.066404224	8.066404224e+0
58.41	8.0677854576	8.0677854576e+0
58.42	8.0691666912	8.0691666912e+0
58.43	8.0705479248	8.0705479248e+0
58.44	8.0719291584	8.0719291584e+0
58.45	8.073310392	8.073310392e+0
58.46	8.0746916256	8.0746916256e+0
58.47	8.0760728592	8.0760728592e+0
58.48	8.0774540928	8.0774540928e+0
58.49	8.0788353264	8.0788353264e+0
58.5	8.08021656	8.08021656e+0
58.51	8.0815977936	8.0815977936e+0
58.52	8.0829790272	8.0829790272e+0
58.53	8.0843602608	8.0843602608e+0
58.54	8.0857414944	8.0857414944e+0
58.55	8.087122728	8.087122728e+0
58.56	8.0885039616	8.0885039616e+0
58.57	8.0898851952	8.0898851952e+0
58.58	8.0912664288	8.0912664288e+0
58.59	8.0926476624	8.0926476624e+0
58.6	8.094028896	8.094028896e+0
58.61	8.0954101296	8.0954101296e+0
58.62	8.0967913632	8.0967913632e+0
58.63	8.0981725968	8.0981725968e+0
58.64	8.0995538304	8.0995538304e+0
58.65	8.100935064	8.100935064e+0
58.66	8.1023162976	8.1023162976e+0

58.67	8.1036975312	8.1036975312e+0
58.68	8.1050787648	8.1050787648e+0
58.69	8.1064599984	8.1064599984e+0
58.7	8.107841232	8.107841232e+0
58.71	8.1092224656	8.1092224656e+0
58.72	8.1106036992	8.1106036992e+0
58.73	8.1119849328	8.1119849328e+0
58.74	8.1133661664	8.1133661664e+0
58.75	8.1147474	8.1147474e+0
58.76	8.1161286336	8.1161286336e+0
58.77	8.1175098672	8.1175098672e+0
58.78	8.1188911008	8.1188911008e+0
58.79	8.1202723344	8.1202723344e+0
58.8	8.121653568	8.121653568e+0
58.81	8.1230348016	8.1230348016e+0
58.82	8.1244160352	8.1244160352e+0
58.83	8.1257972688	8.1257972688e+0
58.84	8.1271785024	8.1271785024e+0
58.85	8.128559736	8.128559736e+0
58.86	8.1299409696	8.1299409696e+0
58.87	8.1313222032	8.1313222032e+0
58.88	8.1327034368	8.1327034368e+0
58.89	8.1340846704	8.1340846704e+0
58.9	8.135465904	8.135465904e+0
58.91	8.1368471376	8.1368471376e+0
58.92	8.1382283712	8.1382283712e+0
58.93	8.1396096048	8.1396096048e+0
58.94	8.1409908384	8.1409908384e+0
58.95	8.142372072	8.142372072e+0
58.96	8.1437533056	8.1437533056e+0
58.97	8.1451345392	8.1451345392e+0
58.98	8.1465157728	8.1465157728e+0
58.99	8.1478970064	8.1478970064e+0
59	8.14927824	8.14927824e+0
59.01	8.1506594736	8.1506594736e+0
59.02	8.1520407072	8.1520407072e+0
59.03	8.1534219408	8.1534219408e+0
59.04	8.1548031744	8.1548031744e+0

59.05	8.156184408	8.156184408e+0
59.06	8.1575656416	8.1575656416e+0
59.07	8.1589468752	8.1589468752e+0
59.08	8.1603281088	8.1603281088e+0
59.09	8.1617093424	8.1617093424e+0
59.1	8.163090576	8.163090576e+0
59.11	8.1644718096	8.1644718096e+0
59.12	8.1658530432	8.1658530432e+0
59.13	8.1672342768	8.1672342768e+0
59.14	8.1686155104	8.1686155104e+0
59.15	8.169996744	8.169996744e+0
59.16	8.1713779776	8.1713779776e+0
59.17	8.1727592112	8.1727592112e+0
59.18	8.1741404448	8.1741404448e+0
59.19	8.1755216784	8.1755216784e+0
59.2	8.176902912	8.176902912e+0
59.21	8.1782841456	8.1782841456e+0
59.22	8.1796653792	8.1796653792e+0
59.23	8.1810466128	8.1810466128e+0
59.24	8.1824278464	8.1824278464e+0
59.25	8.18380908	8.18380908e+0
59.26	8.1851903136	8.1851903136e+0
59.27	8.1865715472	8.1865715472e+0
59.28	8.1879527808	8.1879527808e+0
59.29	8.1893340144	8.1893340144e+0
59.3	8.190715248	8.190715248e+0
59.31	8.1920964816	8.1920964816e+0
59.32	8.1934777152	8.1934777152e+0
59.33	8.1948589488	8.1948589488e+0
59.34	8.1962401824	8.1962401824e+0
59.35	8.197621416	8.197621416e+0
59.36	8.1990026496	8.1990026496e+0
59.37	8.2003838832	8.2003838832e+0
59.38	8.2017651168	8.2017651168e+0
59.39	8.2031463504	8.2031463504e+0
59.4	8.204527584	8.204527584e+0
59.41	8.2059088176	8.2059088176e+0
59.42	8.2072900512	8.2072900512e+0

59.43	8.2086712848	8.2086712848e+0
59.44	8.2100525184	8.2100525184e+0
59.45	8.211433752	8.211433752e+0
59.46	8.2128149856	8.2128149856e+0
59.47	8.2141962192	8.2141962192e+0
59.48	8.2155774528	8.2155774528e+0
59.49	8.2169586864	8.2169586864e+0
59.5	8.21833992	8.21833992e+0
59.51	8.2197211536	8.2197211536e+0
59.52	8.2211023872	8.2211023872e+0
59.53	8.2224836208	8.2224836208e+0
59.54	8.2238648544	8.2238648544e+0
59.55	8.225246088	8.225246088e+0
59.56	8.2266273216	8.2266273216e+0
59.57	8.2280085552	8.2280085552e+0
59.58	8.2293897888	8.2293897888e+0
59.59	8.2307710224	8.2307710224e+0
59.6	8.232152256	8.232152256e+0
59.61	8.2335334896	8.2335334896e+0
59.62	8.2349147232	8.2349147232e+0
59.63	8.2362959568	8.2362959568e+0
59.64	8.2376771904	8.2376771904e+0
59.65	8.239058424	8.239058424e+0
59.66	8.2404396576	8.2404396576e+0
59.67	8.2418208912	8.2418208912e+0
59.68	8.2432021248	8.2432021248e+0
59.69	8.2445833584	8.2445833584e+0
59.7	8.245964592	8.245964592e+0
59.71	8.2473458256	8.2473458256e+0
59.72	8.2487270592	8.2487270592e+0
59.73	8.2501082928	8.2501082928e+0
59.74	8.2514895264	8.2514895264e+0
59.75	8.25287076	8.25287076e+0
59.76	8.2542519936	8.2542519936e+0
59.77	8.2556332272	8.2556332272e+0
59.78	8.2570144608	8.2570144608e+0
59.79	8.2583956944	8.2583956944e+0
59.8	8.259776928	8.259776928e+0

59.81	8.2611581616	8.2611581616e+0
59.82	8.2625393952	8.2625393952e+0
59.83	8.2639206288	8.2639206288e+0
59.84	8.2653018624	8.2653018624e+0
59.85	8.266683096	8.266683096e+0
59.86	8.2680643296	8.2680643296e+0
59.87	8.2694455632	8.2694455632e+0
59.88	8.2708267968	8.2708267968e+0
59.89	8.2722080304	8.2722080304e+0
59.9	8.273589264	8.273589264e+0
59.91	8.2749704976	8.2749704976e+0
59.92	8.2763517312	8.2763517312e+0
59.93	8.2777329648	8.2777329648e+0
59.94	8.2791141984	8.2791141984e+0
59.95	8.280495432	8.280495432e+0
59.96	8.2818766656	8.2818766656e+0
59.97	8.2832578992	8.2832578992e+0
59.98	8.2846391328	8.2846391328e+0
59.99	8.2860203664	8.2860203664e+0
60	8.2874016	8.2874016e+0
60.01	8.2887828336	8.2887828336e+0
60.02	8.2901640672	8.2901640672e+0
60.03	8.2915453008	8.2915453008e+0
60.04	8.2929265344	8.2929265344e+0
60.05	8.294307768	8.294307768e+0
60.06	8.2956890016	8.2956890016e+0
60.07	8.2970702352	8.2970702352e+0
60.08	8.2984514688	8.2984514688e+0
60.09	8.2998327024	8.2998327024e+0
60.1	8.301213936	8.301213936e+0
60.11	8.3025951696	8.3025951696e+0
60.12	8.3039764032	8.3039764032e+0
60.13	8.3053576368	8.3053576368e+0
60.14	8.3067388704	8.3067388704e+0
60.15	8.308120104	8.308120104e+0
60.16	8.3095013376	8.3095013376e+0
60.17	8.3108825712	8.3108825712e+0
60.18	8.3122638048	8.3122638048e+0

60.19	8.3136450384	8.3136450384e+0
60.2	8.315026272	8.315026272e+0
60.21	8.3164075056	8.3164075056e+0
60.22	8.3177887392	8.3177887392e+0
60.23	8.3191699728	8.3191699728e+0
60.24	8.3205512064	8.3205512064e+0
60.25	8.32193244	8.32193244e+0
60.26	8.3233136736	8.3233136736e+0
60.27	8.3246949072	8.3246949072e+0
60.28	8.3260761408	8.3260761408e+0
60.29	8.3274573744	8.3274573744e+0
60.3	8.328838608	8.328838608e+0
60.31	8.3302198416	8.3302198416e+0
60.32	8.3316010752	8.3316010752e+0
60.33	8.3329823088	8.3329823088e+0
60.34	8.3343635424	8.3343635424e+0
60.35	8.335744776	8.335744776e+0
60.36	8.3371260096	8.3371260096e+0
60.37	8.3385072432	8.3385072432e+0
60.38	8.3398884768	8.3398884768e+0
60.39	8.3412697104	8.3412697104e+0
60.4	8.342650944	8.342650944e+0
60.41	8.3440321776	8.3440321776e+0
60.42	8.3454134112	8.3454134112e+0
60.43	8.3467946448	8.3467946448e+0
60.44	8.3481758784	8.3481758784e+0
60.45	8.349557112	8.349557112e+0
60.46	8.3509383456	8.3509383456e+0
60.47	8.3523195792	8.3523195792e+0
60.48	8.3537008128	8.3537008128e+0
60.49	8.3550820464	8.3550820464e+0
60.5	8.35646328	8.35646328e+0
60.51	8.3578445136	8.3578445136e+0
60.52	8.3592257472	8.3592257472e+0
60.53	8.3606069808	8.3606069808e+0
60.54	8.3619882144	8.3619882144e+0
60.55	8.363369448	8.363369448e+0
60.56	8.3647506816	8.3647506816e+0

60.57	8.3661319152	8.3661319152e+0
60.58	8.3675131488	8.3675131488e+0
60.59	8.3688943824	8.3688943824e+0
60.6	8.370275616	8.370275616e+0
60.61	8.3716568496	8.3716568496e+0
60.62	8.3730380832	8.3730380832e+0
60.63	8.3744193168	8.3744193168e+0
60.64	8.3758005504	8.3758005504e+0
60.65	8.377181784	8.377181784e+0
60.66	8.3785630176	8.3785630176e+0
60.67	8.3799442512	8.3799442512e+0
60.68	8.3813254848	8.3813254848e+0
60.69	8.3827067184	8.3827067184e+0
60.7	8.384087952	8.384087952e+0
60.71	8.3854691856	8.3854691856e+0
60.72	8.3868504192	8.3868504192e+0
60.73	8.3882316528	8.3882316528e+0
60.74	8.3896128864	8.3896128864e+0
60.75	8.39099412	8.39099412e+0
60.76	8.3923753536	8.3923753536e+0
60.77	8.3937565872	8.3937565872e+0
60.78	8.3951378208	8.3951378208e+0
60.79	8.3965190544	8.3965190544e+0
60.8	8.397900288	8.397900288e+0
60.81	8.3992815216	8.3992815216e+0
60.82	8.4006627552	8.4006627552e+0
60.83	8.4020439888	8.4020439888e+0
60.84	8.4034252224	8.4034252224e+0
60.85	8.404806456	8.404806456e+0
60.86	8.4061876896	8.4061876896e+0
60.87	8.4075689232	8.4075689232e+0
60.88	8.4089501568	8.4089501568e+0
60.89	8.4103313904	8.4103313904e+0
60.9	8.411712624	8.411712624e+0
60.91	8.4130938576	8.4130938576e+0
60.92	8.4144750912	8.4144750912e+0
60.93	8.4158563248	8.4158563248e+0
60.94	8.4172375584	8.4172375584e+0

60.95	8.418618792	8.418618792e+0
60.96	8.4200000256	8.4200000256e+0
60.97	8.4213812592	8.4213812592e+0
60.98	8.4227624928	8.4227624928e+0
60.99	8.4241437264	8.4241437264e+0
61	8.42552496	8.42552496e+0
61.01	8.4269061936	8.4269061936e+0
61.02	8.4282874272	8.4282874272e+0
61.03	8.4296686608	8.4296686608e+0
61.04	8.4310498944	8.4310498944e+0
61.05	8.432431128	8.432431128e+0
61.06	8.4338123616	8.4338123616e+0
61.07	8.4351935952	8.4351935952e+0
61.08	8.4365748288	8.4365748288e+0
61.09	8.4379560624	8.4379560624e+0
61.1	8.439337296	8.439337296e+0
61.11	8.4407185296	8.4407185296e+0
61.12	8.4420997632	8.4420997632e+0
61.13	8.4434809968	8.4434809968e+0
61.14	8.4448622304	8.4448622304e+0
61.15	8.446243464	8.446243464e+0
61.16	8.4476246976	8.4476246976e+0
61.17	8.4490059312	8.4490059312e+0
61.18	8.4503871648	8.4503871648e+0
61.19	8.4517683984	8.4517683984e+0
61.2	8.453149632	8.453149632e+0
61.21	8.4545308656	8.4545308656e+0
61.22	8.4559120992	8.4559120992e+0
61.23	8.4572933328	8.4572933328e+0
61.24	8.4586745664	8.4586745664e+0
61.25	8.4600558	8.4600558e+0
61.26	8.4614370336	8.4614370336e+0
61.27	8.4628182672	8.4628182672e+0
61.28	8.4641995008	8.4641995008e+0
61.29	8.4655807344	8.4655807344e+0
61.3	8.466961968	8.466961968e+0
61.31	8.4683432016	8.4683432016e+0
61.32	8.4697244352	8.4697244352e+0

61.33	8.4711056688	8.4711056688e+0
61.34	8.4724869024	8.4724869024e+0
61.35	8.473868136	8.473868136e+0
61.36	8.4752493696	8.4752493696e+0
61.37	8.4766306032	8.4766306032e+0
61.38	8.4780118368	8.4780118368e+0
61.39	8.4793930704	8.4793930704e+0
61.4	8.480774304	8.480774304e+0
61.41	8.4821555376	8.4821555376e+0
61.42	8.4835367712	8.4835367712e+0
61.43	8.4849180048	8.4849180048e+0
61.44	8.4862992384	8.4862992384e+0
61.45	8.487680472	8.487680472e+0
61.46	8.4890617056	8.4890617056e+0
61.47	8.4904429392	8.4904429392e+0
61.48	8.4918241728	8.4918241728e+0
61.49	8.4932054064	8.4932054064e+0
61.5	8.49458664	8.49458664e+0
61.51	8.4959678736	8.4959678736e+0
61.52	8.4973491072	8.4973491072e+0
61.53	8.4987303408	8.4987303408e+0
61.54	8.5001115744	8.5001115744e+0
61.55	8.501492808	8.501492808e+0
61.56	8.5028740416	8.5028740416e+0
61.57	8.5042552752	8.5042552752e+0
61.58	8.5056365088	8.5056365088e+0
61.59	8.5070177424	8.5070177424e+0
61.6	8.508398976	8.508398976e+0
61.61	8.5097802096	8.5097802096e+0
61.62	8.5111614432	8.5111614432e+0
61.63	8.5125426768	8.5125426768e+0
61.64	8.5139239104	8.5139239104e+0
61.65	8.515305144	8.515305144e+0
61.66	8.5166863776	8.5166863776e+0
61.67	8.5180676112	8.5180676112e+0
61.68	8.5194488448	8.5194488448e+0
61.69	8.5208300784	8.5208300784e+0
61.7	8.522211312	8.522211312e+0

61.71	8.5235925456	8.5235925456e+0
61.72	8.5249737792	8.5249737792e+0
61.73	8.5263550128	8.5263550128e+0
61.74	8.5277362464	8.5277362464e+0
61.75	8.52911748	8.52911748e+0
61.76	8.5304987136	8.5304987136e+0
61.77	8.5318799472	8.5318799472e+0
61.78	8.5332611808	8.5332611808e+0
61.79	8.5346424144	8.5346424144e+0
61.8	8.536023648	8.536023648e+0
61.81	8.5374048816	8.5374048816e+0
61.82	8.5387861152	8.5387861152e+0
61.83	8.5401673488	8.5401673488e+0
61.84	8.5415485824	8.5415485824e+0
61.85	8.542929816	8.542929816e+0
61.86	8.5443110496	8.5443110496e+0
61.87	8.5456922832	8.5456922832e+0
61.88	8.5470735168	8.5470735168e+0
61.89	8.5484547504	8.5484547504e+0
61.9	8.549835984	8.549835984e+0
61.91	8.5512172176	8.5512172176e+0
61.92	8.5525984512	8.5525984512e+0
61.93	8.5539796848	8.5539796848e+0
61.94	8.5553609184	8.5553609184e+0
61.95	8.556742152	8.556742152e+0
61.96	8.5581233856	8.5581233856e+0
61.97	8.5595046192	8.5595046192e+0
61.98	8.5608858528	8.5608858528e+0
61.99	8.5622670864	8.5622670864e+0
62	8.56364832	8.56364832e+0
62.01	8.5650295536	8.5650295536e+0
62.02	8.5664107872	8.5664107872e+0
62.03	8.5677920208	8.5677920208e+0
62.04	8.5691732544	8.5691732544e+0
62.05	8.570554488	8.570554488e+0
62.06	8.5719357216	8.5719357216e+0
62.07	8.5733169552	8.5733169552e+0
62.08	8.5746981888	8.5746981888e+0

62.09	8.5760794224	8.5760794224e+0
62.1	8.577460656	8.577460656e+0
62.11	8.5788418896	8.5788418896e+0
62.12	8.5802231232	8.5802231232e+0
62.13	8.5816043568	8.5816043568e+0
62.14	8.5829855904	8.5829855904e+0
62.15	8.584366824	8.584366824e+0
62.16	8.5857480576	8.5857480576e+0
62.17	8.5871292912	8.5871292912e+0
62.18	8.5885105248	8.5885105248e+0
62.19	8.5898917584	8.5898917584e+0
62.2	8.591272992	8.591272992e+0
62.21	8.5926542256	8.5926542256e+0
62.22	8.5940354592	8.5940354592e+0
62.23	8.5954166928	8.5954166928e+0
62.24	8.5967979264	8.5967979264e+0
62.25	8.59817916	8.59817916e+0
62.26	8.5995603936	8.5995603936e+0
62.27	8.6009416272	8.6009416272e+0
62.28	8.6023228608	8.6023228608e+0
62.29	8.6037040944	8.6037040944e+0
62.3	8.605085328	8.605085328e+0
62.31	8.6064665616	8.6064665616e+0
62.32	8.6078477952	8.6078477952e+0
62.33	8.6092290288	8.6092290288e+0
62.34	8.6106102624	8.6106102624e+0
62.35	8.611991496	8.611991496e+0
62.36	8.6133727296	8.6133727296e+0
62.37	8.6147539632	8.6147539632e+0
62.38	8.6161351968	8.6161351968e+0
62.39	8.6175164304	8.6175164304e+0
62.4	8.618897664	8.618897664e+0
62.41	8.6202788976	8.6202788976e+0
62.42	8.6216601312	8.6216601312e+0
62.43	8.6230413648	8.6230413648e+0
62.44	8.6244225984	8.6244225984e+0
62.45	8.625803832	8.625803832e+0
62.46	8.6271850656	8.6271850656e+0

62.47	8.6285662992	8.6285662992e+0
62.48	8.6299475328	8.6299475328e+0
62.49	8.6313287664	8.6313287664e+0
62.5	8.63271	8.63271e+0
62.51	8.6340912336	8.6340912336e+0
62.52	8.6354724672	8.6354724672e+0
62.53	8.6368537008	8.6368537008e+0
62.54	8.6382349344	8.6382349344e+0
62.55	8.639616168	8.639616168e+0
62.56	8.6409974016	8.6409974016e+0
62.57	8.6423786352	8.6423786352e+0
62.58	8.6437598688	8.6437598688e+0
62.59	8.6451411024	8.6451411024e+0
62.6	8.646522336	8.646522336e+0
62.61	8.6479035696	8.6479035696e+0
62.62	8.6492848032	8.6492848032e+0
62.63	8.6506660368	8.6506660368e+0
62.64	8.6520472704	8.6520472704e+0
62.65	8.653428504	8.653428504e+0
62.66	8.6548097376	8.6548097376e+0
62.67	8.6561909712	8.6561909712e+0
62.68	8.6575722048	8.6575722048e+0
62.69	8.6589534384	8.6589534384e+0
62.7	8.660334672	8.660334672e+0
62.71	8.6617159056	8.6617159056e+0
62.72	8.6630971392	8.6630971392e+0
62.73	8.6644783728	8.6644783728e+0
62.74	8.6658596064	8.6658596064e+0
62.75	8.66724084	8.66724084e+0
62.76	8.6686220736	8.6686220736e+0
62.77	8.6700033072	8.6700033072e+0
62.78	8.6713845408	8.6713845408e+0
62.79	8.6727657744	8.6727657744e+0
62.8	8.674147008	8.674147008e+0
62.81	8.6755282416	8.6755282416e+0
62.82	8.6769094752	8.6769094752e+0
62.83	8.6782907088	8.6782907088e+0
62.84	8.6796719424	8.6796719424e+0

62.85	8.681053176	8.681053176e+0
62.86	8.6824344096	8.6824344096e+0
62.87	8.6838156432	8.6838156432e+0
62.88	8.6851968768	8.6851968768e+0
62.89	8.6865781104	8.6865781104e+0
62.9	8.687959344	8.687959344e+0
62.91	8.6893405776	8.6893405776e+0
62.92	8.6907218112	8.6907218112e+0
62.93	8.6921030448	8.6921030448e+0
62.94	8.6934842784	8.6934842784e+0
62.95	8.694865512	8.694865512e+0
62.96	8.6962467456	8.6962467456e+0
62.97	8.6976279792	8.6976279792e+0
62.98	8.6990092128	8.6990092128e+0
62.99	8.7003904464	8.7003904464e+0
63	8.70177168	8.70177168e+0
63.01	8.7031529136	8.7031529136e+0
63.02	8.7045341472	8.7045341472e+0
63.03	8.7059153808	8.7059153808e+0
63.04	8.7072966144	8.7072966144e+0
63.05	8.708677848	8.708677848e+0
63.06	8.7100590816	8.7100590816e+0
63.07	8.7114403152	8.7114403152e+0
63.08	8.7128215488	8.7128215488e+0
63.09	8.7142027824	8.7142027824e+0
63.1	8.715584016	8.715584016e+0
63.11	8.7169652496	8.7169652496e+0
63.12	8.7183464832	8.7183464832e+0
63.13	8.7197277168	8.7197277168e+0
63.14	8.7211089504	8.7211089504e+0
63.15	8.722490184	8.722490184e+0
63.16	8.7238714176	8.7238714176e+0
63.17	8.7252526512	8.7252526512e+0
63.18	8.7266338848	8.7266338848e+0
63.19	8.7280151184	8.7280151184e+0
63.2	8.729396352	8.729396352e+0
63.21	8.7307775856	8.7307775856e+0
63.22	8.7321588192	8.7321588192e+0

63.23	8.7335400528	8.7335400528e+0
63.24	8.7349212864	8.7349212864e+0
63.25	8.73630252	8.73630252e+0
63.26	8.7376837536	8.7376837536e+0
63.27	8.7390649872	8.7390649872e+0
63.28	8.7404462208	8.7404462208e+0
63.29	8.7418274544	8.7418274544e+0
63.3	8.743208688	8.743208688e+0
63.31	8.7445899216	8.7445899216e+0
63.32	8.7459711552	8.7459711552e+0
63.33	8.7473523888	8.7473523888e+0
63.34	8.7487336224	8.7487336224e+0
63.35	8.750114856	8.750114856e+0
63.36	8.7514960896	8.7514960896e+0
63.37	8.7528773232	8.7528773232e+0
63.38	8.7542585568	8.7542585568e+0
63.39	8.7556397904	8.7556397904e+0
63.4	8.757021024	8.757021024e+0
63.41	8.7584022576	8.7584022576e+0
63.42	8.7597834912	8.7597834912e+0
63.43	8.7611647248	8.7611647248e+0
63.44	8.7625459584	8.7625459584e+0
63.45	8.763927192	8.763927192e+0
63.46	8.7653084256	8.7653084256e+0
63.47	8.7666896592	8.7666896592e+0
63.48	8.7680708928	8.7680708928e+0
63.49	8.7694521264	8.7694521264e+0
63.5	8.77083336	8.77083336e+0
63.51	8.7722145936	8.7722145936e+0
63.52	8.7735958272	8.7735958272e+0
63.53	8.7749770608	8.7749770608e+0
63.54	8.7763582944	8.7763582944e+0
63.55	8.777739528	8.777739528e+0
63.56	8.7791207616	8.7791207616e+0
63.57	8.7805019952	8.7805019952e+0
63.58	8.7818832288	8.7818832288e+0
63.59	8.7832644624	8.7832644624e+0
63.6	8.784645696	8.784645696e+0

63.61	8.7860269296	8.7860269296e+0
63.62	8.7874081632	8.7874081632e+0
63.63	8.7887893968	8.7887893968e+0
63.64	8.7901706304	8.7901706304e+0
63.65	8.791551864	8.791551864e+0
63.66	8.7929330976	8.7929330976e+0
63.67	8.7943143312	8.7943143312e+0
63.68	8.7956955648	8.7956955648e+0
63.69	8.7970767984	8.7970767984e+0
63.7	8.798458032	8.798458032e+0
63.71	8.7998392656	8.7998392656e+0
63.72	8.8012204992	8.8012204992e+0
63.73	8.8026017328	8.8026017328e+0
63.74	8.8039829664	8.8039829664e+0
63.75	8.8053642	8.8053642e+0
63.76	8.8067454336	8.8067454336e+0
63.77	8.8081266672	8.8081266672e+0
63.78	8.8095079008	8.8095079008e+0
63.79	8.8108891344	8.8108891344e+0
63.8	8.812270368	8.812270368e+0
63.81	8.8136516016	8.8136516016e+0
63.82	8.8150328352	8.8150328352e+0
63.83	8.8164140688	8.8164140688e+0
63.84	8.8177953024	8.8177953024e+0
63.85	8.819176536	8.819176536e+0
63.86	8.8205577696	8.8205577696e+0
63.87	8.8219390032	8.8219390032e+0
63.88	8.8233202368	8.8233202368e+0
63.89	8.8247014704	8.8247014704e+0
63.9	8.826082704	8.826082704e+0
63.91	8.8274639376	8.8274639376e+0
63.92	8.8288451712	8.8288451712e+0
63.93	8.8302264048	8.8302264048e+0
63.94	8.8316076384	8.8316076384e+0
63.95	8.832988872	8.832988872e+0
63.96	8.8343701056	8.8343701056e+0
63.97	8.8357513392	8.8357513392e+0
63.98	8.8371325728	8.8371325728e+0

63.99	8.8385138064	8.8385138064e+0
64	8.83989504	8.83989504e+0
64.01	8.8412762736	8.8412762736e+0
64.02	8.8426575072	8.8426575072e+0
64.03	8.8440387408	8.8440387408e+0
64.04	8.8454199744	8.8454199744e+0
64.05	8.846801208	8.846801208e+0
64.06	8.8481824416	8.8481824416e+0
64.07	8.8495636752	8.8495636752e+0
64.08	8.8509449088	8.8509449088e+0
64.09	8.8523261424	8.8523261424e+0
64.1	8.853707376	8.853707376e+0
64.11	8.8550886096	8.8550886096e+0
64.12	8.8564698432	8.8564698432e+0
64.13	8.8578510768	8.8578510768e+0
64.14	8.8592323104	8.8592323104e+0
64.15	8.860613544	8.860613544e+0
64.16	8.8619947776	8.8619947776e+0
64.17	8.8633760112	8.8633760112e+0
64.18	8.8647572448	8.8647572448e+0
64.19	8.8661384784	8.8661384784e+0
64.2	8.867519712	8.867519712e+0
64.21	8.8689009456	8.8689009456e+0
64.22	8.8702821792	8.8702821792e+0
64.23	8.8716634128	8.8716634128e+0
64.24	8.8730446464	8.8730446464e+0
64.25	8.87442588	8.87442588e+0
64.26	8.8758071136	8.8758071136e+0
64.27	8.8771883472	8.8771883472e+0
64.28	8.8785695808	8.8785695808e+0
64.29	8.8799508144	8.8799508144e+0
64.3	8.881332048	8.881332048e+0
64.31	8.8827132816	8.8827132816e+0
64.32	8.8840945152	8.8840945152e+0
64.33	8.8854757488	8.8854757488e+0
64.34	8.8868569824	8.8868569824e+0
64.35	8.888238216	8.888238216e+0
64.36	8.8896194496	8.8896194496e+0

64.37	8.8910006832	8.8910006832e+0
64.38	8.8923819168	8.8923819168e+0
64.39	8.8937631504	8.8937631504e+0
64.4	8.895144384	8.895144384e+0
64.41	8.8965256176	8.8965256176e+0
64.42	8.8979068512	8.8979068512e+0
64.43	8.8992880848	8.8992880848e+0
64.44	8.9006693184	8.9006693184e+0
64.45	8.902050552	8.902050552e+0
64.46	8.9034317856	8.9034317856e+0
64.47	8.9048130192	8.9048130192e+0
64.48	8.9061942528	8.9061942528e+0
64.49	8.9075754864	8.9075754864e+0
64.5	8.90895672	8.90895672e+0
64.51	8.9103379536	8.9103379536e+0
64.52	8.9117191872	8.9117191872e+0
64.53	8.9131004208	8.9131004208e+0
64.54	8.9144816544	8.9144816544e+0
64.55	8.915862888	8.915862888e+0
64.56	8.9172441216	8.9172441216e+0
64.57	8.9186253552	8.9186253552e+0
64.58	8.9200065888	8.9200065888e+0
64.59	8.9213878224	8.9213878224e+0
64.6	8.922769056	8.922769056e+0
64.61	8.9241502896	8.9241502896e+0
64.62	8.9255315232	8.9255315232e+0
64.63	8.9269127568	8.9269127568e+0
64.64	8.9282939904	8.9282939904e+0
64.65	8.929675224	8.929675224e+0
64.66	8.9310564576	8.9310564576e+0
64.67	8.9324376912	8.9324376912e+0
64.68	8.9338189248	8.9338189248e+0
64.69	8.9352001584	8.9352001584e+0
64.7	8.936581392	8.936581392e+0
64.71	8.9379626256	8.9379626256e+0
64.72	8.9393438592	8.9393438592e+0
64.73	8.9407250928	8.9407250928e+0
64.74	8.9421063264	8.9421063264e+0

64.75	8.94348756	8.94348756e+0
64.76	8.9448687936	8.9448687936e+0
64.77	8.9462500272	8.9462500272e+0
64.78	8.9476312608	8.9476312608e+0
64.79	8.9490124944	8.9490124944e+0
64.8	8.950393728	8.950393728e+0
64.81	8.9517749616	8.9517749616e+0
64.82	8.9531561952	8.9531561952e+0
64.83	8.9545374288	8.9545374288e+0
64.84	8.9559186624	8.9559186624e+0
64.85	8.957299896	8.957299896e+0
64.86	8.9586811296	8.9586811296e+0
64.87	8.9600623632	8.9600623632e+0
64.88	8.9614435968	8.9614435968e+0
64.89	8.9628248304	8.9628248304e+0
64.9	8.964206064	8.964206064e+0
64.91	8.9655872976	8.9655872976e+0
64.92	8.9669685312	8.9669685312e+0
64.93	8.9683497648	8.9683497648e+0
64.94	8.9697309984	8.9697309984e+0
64.95	8.971112232	8.971112232e+0
64.96	8.9724934656	8.9724934656e+0
64.97	8.9738746992	8.9738746992e+0
64.98	8.9752559328	8.9752559328e+0
64.99	8.9766371664	8.9766371664e+0
65	8.9780184	8.9780184e+0
65.01	8.9793996336	8.9793996336e+0
65.02	8.9807808672	8.9807808672e+0
65.03	8.9821621008	8.9821621008e+0
65.04	8.9835433344	8.9835433344e+0
65.05	8.984924568	8.984924568e+0
65.06	8.9863058016	8.9863058016e+0
65.07	8.9876870352	8.9876870352e+0
65.08	8.9890682688	8.9890682688e+0
65.09	8.9904495024	8.9904495024e+0
65.1	8.991830736	8.991830736e+0
65.11	8.9932119696	8.9932119696e+0
65.12	8.9945932032	8.9945932032e+0

65.13	8.9959744368	8.9959744368e+0
65.14	8.9973556704	8.9973556704e+0
65.15	8.998736904	8.998736904e+0
65.16	9.0001181376	9.0001181376e+0
65.17	9.0014993712	9.0014993712e+0
65.18	9.0028806048	9.0028806048e+0
65.19	9.0042618384	9.0042618384e+0
65.2	9.005643072	9.005643072e+0
65.21	9.0070243056	9.0070243056e+0
65.22	9.0084055392	9.0084055392e+0
65.23	9.0097867728	9.0097867728e+0
65.24	9.0111680064	9.0111680064e+0
65.25	9.01254924	9.01254924e+0
65.26	9.0139304736	9.0139304736e+0
65.27	9.0153117072	9.0153117072e+0
65.28	9.0166929408	9.0166929408e+0
65.29	9.0180741744	9.0180741744e+0
65.3	9.019455408	9.019455408e+0
65.31	9.0208366416	9.0208366416e+0
65.32	9.0222178752	9.0222178752e+0
65.33	9.0235991088	9.0235991088e+0
65.34	9.0249803424	9.0249803424e+0
65.35	9.026361576	9.026361576e+0
65.36	9.0277428096	9.0277428096e+0
65.37	9.0291240432	9.0291240432e+0
65.38	9.0305052768	9.0305052768e+0
65.39	9.0318865104	9.0318865104e+0
65.4	9.033267744	9.033267744e+0
65.41	9.0346489776	9.0346489776e+0
65.42	9.0360302112	9.0360302112e+0
65.43	9.0374114448	9.0374114448e+0
65.44	9.0387926784	9.0387926784e+0
65.45	9.040173912	9.040173912e+0
65.46	9.0415551456	9.0415551456e+0
65.47	9.0429363792	9.0429363792e+0
65.48	9.0443176128	9.0443176128e+0
65.49	9.0456988464	9.0456988464e+0
65.5	9.04708008	9.04708008e+0

65.51	9.0484613136	9.0484613136e+0
65.52	9.0498425472	9.0498425472e+0
65.53	9.0512237808	9.0512237808e+0
65.54	9.0526050144	9.0526050144e+0
65.55	9.053986248	9.053986248e+0
65.56	9.0553674816	9.0553674816e+0
65.57	9.0567487152	9.0567487152e+0
65.58	9.0581299488	9.0581299488e+0
65.59	9.0595111824	9.0595111824e+0
65.6	9.060892416	9.060892416e+0
65.61	9.0622736496	9.0622736496e+0
65.62	9.0636548832	9.0636548832e+0
65.63	9.0650361168	9.0650361168e+0
65.64	9.0664173504	9.0664173504e+0
65.65	9.067798584	9.067798584e+0
65.66	9.0691798176	9.0691798176e+0
65.67	9.0705610512	9.0705610512e+0
65.68	9.0719422848	9.0719422848e+0
65.69	9.0733235184	9.0733235184e+0
65.7	9.074704752	9.074704752e+0
65.71	9.0760859856	9.0760859856e+0
65.72	9.0774672192	9.0774672192e+0
65.73	9.0788484528	9.0788484528e+0
65.74	9.0802296864	9.0802296864e+0
65.75	9.08161092	9.08161092e+0
65.76	9.0829921536	9.0829921536e+0
65.77	9.0843733872	9.0843733872e+0
65.78	9.0857546208	9.0857546208e+0
65.79	9.0871358544	9.0871358544e+0
65.8	9.088517088	9.088517088e+0
65.81	9.0898983216	9.0898983216e+0
65.82	9.0912795552	9.0912795552e+0
65.83	9.0926607888	9.0926607888e+0
65.84	9.0940420224	9.0940420224e+0
65.85	9.095423256	9.095423256e+0
65.86	9.0968044896	9.0968044896e+0
65.87	9.0981857232	9.0981857232e+0
65.88	9.0995669568	9.0995669568e+0

65.89	9.1009481904	9.1009481904e+0
65.9	9.102329424	9.102329424e+0
65.91	9.1037106576	9.1037106576e+0
65.92	9.1050918912	9.1050918912e+0
65.93	9.1064731248	9.1064731248e+0
65.94	9.1078543584	9.1078543584e+0
65.95	9.109235592	9.109235592e+0
65.96	9.1106168256	9.1106168256e+0
65.97	9.1119980592	9.1119980592e+0
65.98	9.1133792928	9.1133792928e+0
65.99	9.1147605264	9.1147605264e+0
66	9.11614176	9.11614176e+0
66.01	9.1175229936	9.1175229936e+0
66.02	9.1189042272	9.1189042272e+0
66.03	9.1202854608	9.1202854608e+0
66.04	9.1216666944	9.1216666944e+0
66.05	9.123047928	9.123047928e+0
66.06	9.1244291616	9.1244291616e+0
66.07	9.1258103952	9.1258103952e+0
66.08	9.1271916288	9.1271916288e+0
66.09	9.1285728624	9.1285728624e+0
66.1	9.129954096	9.129954096e+0
66.11	9.1313353296	9.1313353296e+0
66.12	9.1327165632	9.1327165632e+0
66.13	9.1340977968	9.1340977968e+0
66.14	9.1354790304	9.1354790304e+0
66.15	9.136860264	9.136860264e+0
66.16	9.1382414976	9.1382414976e+0
66.17	9.1396227312	9.1396227312e+0
66.18	9.1410039648	9.1410039648e+0
66.19	9.1423851984	9.1423851984e+0
66.2	9.143766432	9.143766432e+0
66.21	9.1451476656	9.1451476656e+0
66.22	9.1465288992	9.1465288992e+0
66.23	9.1479101328	9.1479101328e+0
66.24	9.1492913664	9.1492913664e+0
66.25	9.1506726	9.1506726e+0
66.26	9.1520538336	9.1520538336e+0

66.27	9.1534350672	9.1534350672e+0
66.28	9.1548163008	9.1548163008e+0
66.29	9.1561975344	9.1561975344e+0
66.3	9.157578768	9.157578768e+0
66.31	9.1589600016	9.1589600016e+0
66.32	9.1603412352	9.1603412352e+0
66.33	9.1617224688	9.1617224688e+0
66.34	9.1631037024	9.1631037024e+0
66.35	9.164484936	9.164484936e+0
66.36	9.1658661696	9.1658661696e+0
66.37	9.1672474032	9.1672474032e+0
66.38	9.1686286368	9.1686286368e+0
66.39	9.1700098704	9.1700098704e+0
66.4	9.171391104	9.171391104e+0
66.41	9.1727723376	9.1727723376e+0
66.42	9.1741535712	9.1741535712e+0
66.43	9.1755348048	9.1755348048e+0
66.44	9.1769160384	9.1769160384e+0
66.45	9.178297272	9.178297272e+0
66.46	9.1796785056	9.1796785056e+0
66.47	9.1810597392	9.1810597392e+0
66.48	9.1824409728	9.1824409728e+0
66.49	9.1838222064	9.1838222064e+0
66.5	9.18520344	9.18520344e+0
66.51	9.1865846736	9.1865846736e+0
66.52	9.1879659072	9.1879659072e+0
66.53	9.1893471408	9.1893471408e+0
66.54	9.1907283744	9.1907283744e+0
66.55	9.192109608	9.192109608e+0
66.56	9.1934908416	9.1934908416e+0
66.57	9.1948720752	9.1948720752e+0
66.58	9.1962533088	9.1962533088e+0
66.59	9.1976345424	9.1976345424e+0
66.6	9.199015776	9.199015776e+0
66.61	9.2003970096	9.2003970096e+0
66.62	9.2017782432	9.2017782432e+0
66.63	9.2031594768	9.2031594768e+0
66.64	9.2045407104	9.2045407104e+0

66.65	9.205921944	9.205921944e+0
66.66	9.2073031776	9.2073031776e+0
66.67	9.2086844112	9.2086844112e+0
66.68	9.2100656448	9.2100656448e+0
66.69	9.2114468784	9.2114468784e+0
66.7	9.212828112	9.212828112e+0
66.71	9.2142093456	9.2142093456e+0
66.72	9.2155905792	9.2155905792e+0
66.73	9.2169718128	9.2169718128e+0
66.74	9.2183530464	9.2183530464e+0
66.75	9.21973428	9.21973428e+0
66.76	9.2211155136	9.2211155136e+0
66.77	9.2224967472	9.2224967472e+0
66.78	9.2238779808	9.2238779808e+0
66.79	9.2252592144	9.2252592144e+0
66.8	9.226640448	9.226640448e+0
66.81	9.2280216816	9.2280216816e+0
66.82	9.2294029152	9.2294029152e+0
66.83	9.2307841488	9.2307841488e+0
66.84	9.2321653824	9.2321653824e+0
66.85	9.233546616	9.233546616e+0
66.86	9.2349278496	9.2349278496e+0
66.87	9.2363090832	9.2363090832e+0
66.88	9.2376903168	9.2376903168e+0
66.89	9.2390715504	9.2390715504e+0
66.9	9.240452784	9.240452784e+0
66.91	9.2418340176	9.2418340176e+0
66.92	9.2432152512	9.2432152512e+0
66.93	9.2445964848	9.2445964848e+0
66.94	9.2459777184	9.2459777184e+0
66.95	9.247358952	9.247358952e+0
66.96	9.2487401856	9.2487401856e+0
66.97	9.2501214192	9.2501214192e+0
66.98	9.2515026528	9.2515026528e+0
66.99	9.2528838864	9.2528838864e+0
67	9.25426512	9.25426512e+0
67.01	9.2556463536	9.2556463536e+0
67.02	9.2570275872	9.2570275872e+0

67.03	9.2584088208	9.2584088208e+0
67.04	9.2597900544	9.2597900544e+0
67.05	9.261171288	9.261171288e+0
67.06	9.2625525216	9.2625525216e+0
67.07	9.2639337552	9.2639337552e+0
67.08	9.2653149888	9.2653149888e+0
67.09	9.2666962224	9.2666962224e+0
67.1	9.268077456	9.268077456e+0
67.11	9.2694586896	9.2694586896e+0
67.12	9.2708399232	9.2708399232e+0
67.13	9.2722211568	9.2722211568e+0
67.14	9.2736023904	9.2736023904e+0
67.15	9.274983624	9.274983624e+0
67.16	9.2763648576	9.2763648576e+0
67.17	9.2777460912	9.2777460912e+0
67.18	9.2791273248	9.2791273248e+0
67.19	9.2805085584	9.2805085584e+0
67.2	9.281889792	9.281889792e+0
67.21	9.2832710256	9.2832710256e+0
67.22	9.2846522592	9.2846522592e+0
67.23	9.2860334928	9.2860334928e+0
67.24	9.2874147264	9.2874147264e+0
67.25	9.28879596	9.28879596e+0
67.26	9.2901771936	9.2901771936e+0
67.27	9.2915584272	9.2915584272e+0
67.28	9.2929396608	9.2929396608e+0
67.29	9.2943208944	9.2943208944e+0
67.3	9.295702128	9.295702128e+0
67.31	9.2970833616	9.2970833616e+0
67.32	9.2984645952	9.2984645952e+0
67.33	9.2998458288	9.2998458288e+0
67.34	9.3012270624	9.3012270624e+0
67.35	9.302608296	9.302608296e+0
67.36	9.3039895296	9.3039895296e+0
67.37	9.3053707632	9.3053707632e+0
67.38	9.3067519968	9.3067519968e+0
67.39	9.3081332304	9.3081332304e+0
67.4	9.309514464	9.309514464e+0

67.41	9.3108956976	9.3108956976e+0
67.42	9.3122769312	9.3122769312e+0
67.43	9.3136581648	9.3136581648e+0
67.44	9.3150393984	9.3150393984e+0
67.45	9.316420632	9.316420632e+0
67.46	9.3178018656	9.3178018656e+0
67.47	9.3191830992	9.3191830992e+0
67.48	9.3205643328	9.3205643328e+0
67.49	9.3219455664	9.3219455664e+0
67.5	9.3233268	9.3233268e+0
67.51	9.3247080336	9.3247080336e+0
67.52	9.3260892672	9.3260892672e+0
67.53	9.3274705008	9.3274705008e+0
67.54	9.3288517344	9.3288517344e+0
67.55	9.330232968	9.330232968e+0
67.56	9.3316142016	9.3316142016e+0
67.57	9.3329954352	9.3329954352e+0
67.58	9.3343766688	9.3343766688e+0
67.59	9.3357579024	9.3357579024e+0
67.6	9.337139136	9.337139136e+0
67.61	9.3385203696	9.3385203696e+0
67.62	9.3399016032	9.3399016032e+0
67.63	9.3412828368	9.3412828368e+0
67.64	9.3426640704	9.3426640704e+0
67.65	9.344045304	9.344045304e+0
67.66	9.3454265376	9.3454265376e+0
67.67	9.3468077712	9.3468077712e+0
67.68	9.3481890048	9.3481890048e+0
67.69	9.3495702384	9.3495702384e+0
67.7	9.350951472	9.350951472e+0
67.71	9.3523327056	9.3523327056e+0
67.72	9.3537139392	9.3537139392e+0
67.73	9.3550951728	9.3550951728e+0
67.74	9.3564764064	9.3564764064e+0
67.75	9.35785764	9.35785764e+0
67.76	9.3592388736	9.3592388736e+0
67.77	9.3606201072	9.3606201072e+0
67.78	9.3620013408	9.3620013408e+0

67.79	9.3633825744	9.3633825744e+0
67.8	9.364763808	9.364763808e+0
67.81	9.3661450416	9.3661450416e+0
67.82	9.3675262752	9.3675262752e+0
67.83	9.3689075088	9.3689075088e+0
67.84	9.3702887424	9.3702887424e+0
67.85	9.371669976	9.371669976e+0
67.86	9.3730512096	9.3730512096e+0
67.87	9.3744324432	9.3744324432e+0
67.88	9.3758136768	9.3758136768e+0
67.89	9.3771949104	9.3771949104e+0
67.9	9.378576144	9.378576144e+0
67.91	9.3799573776	9.3799573776e+0
67.92	9.3813386112	9.3813386112e+0
67.93	9.3827198448	9.3827198448e+0
67.94	9.3841010784	9.3841010784e+0
67.95	9.385482312	9.385482312e+0
67.96	9.3868635456	9.3868635456e+0
67.97	9.3882447792	9.3882447792e+0
67.98	9.3896260128	9.3896260128e+0
67.99	9.3910072464	9.3910072464e+0
68	9.39238848	9.39238848e+0
68.01	9.3937697136	9.3937697136e+0
68.02	9.3951509472	9.3951509472e+0
68.03	9.3965321808	9.3965321808e+0
68.04	9.3979134144	9.3979134144e+0
68.05	9.399294648	9.399294648e+0
68.06	9.4006758816	9.4006758816e+0
68.07	9.4020571152	9.4020571152e+0
68.08	9.4034383488	9.4034383488e+0
68.09	9.4048195824	9.4048195824e+0
68.1	9.406200816	9.406200816e+0
68.11	9.4075820496	9.4075820496e+0
68.12	9.4089632832	9.4089632832e+0
68.13	9.4103445168	9.4103445168e+0
68.14	9.4117257504	9.4117257504e+0
68.15	9.413106984	9.413106984e+0
68.16	9.4144882176	9.4144882176e+0

68.17	9.4158694512	9.4158694512e+0
68.18	9.4172506848	9.4172506848e+0
68.19	9.4186319184	9.4186319184e+0
68.2	9.420013152	9.420013152e+0
68.21	9.4213943856	9.4213943856e+0
68.22	9.4227756192	9.4227756192e+0
68.23	9.4241568528	9.4241568528e+0
68.24	9.4255380864	9.4255380864e+0
68.25	9.42691932	9.42691932e+0
68.26	9.4283005536	9.4283005536e+0
68.27	9.4296817872	9.4296817872e+0
68.28	9.4310630208	9.4310630208e+0
68.29	9.4324442544	9.4324442544e+0
68.3	9.433825488	9.433825488e+0
68.31	9.4352067216	9.4352067216e+0
68.32	9.4365879552	9.4365879552e+0
68.33	9.4379691888	9.4379691888e+0
68.34	9.4393504224	9.4393504224e+0
68.35	9.440731656	9.440731656e+0
68.36	9.4421128896	9.4421128896e+0
68.37	9.4434941232	9.4434941232e+0
68.38	9.4448753568	9.4448753568e+0
68.39	9.4462565904	9.4462565904e+0
68.4	9.447637824	9.447637824e+0
68.41	9.4490190576	9.4490190576e+0
68.42	9.4504002912	9.4504002912e+0
68.43	9.4517815248	9.4517815248e+0
68.44	9.4531627584	9.4531627584e+0
68.45	9.454543992	9.454543992e+0
68.46	9.4559252256	9.4559252256e+0
68.47	9.4573064592	9.4573064592e+0
68.48	9.4586876928	9.4586876928e+0
68.49	9.4600689264	9.4600689264e+0
68.5	9.46145016	9.46145016e+0
68.51	9.4628313936	9.4628313936e+0
68.52	9.4642126272	9.4642126272e+0
68.53	9.4655938608	9.4655938608e+0
68.54	9.4669750944	9.4669750944e+0

68.55	9.468356328	9.468356328e+0
68.56	9.4697375616	9.4697375616e+0
68.57	9.4711187952	9.4711187952e+0
68.58	9.4725000288	9.4725000288e+0
68.59	9.4738812624	9.4738812624e+0
68.6	9.475262496	9.475262496e+0
68.61	9.4766437296	9.4766437296e+0
68.62	9.4780249632	9.4780249632e+0
68.63	9.4794061968	9.4794061968e+0
68.64	9.4807874304	9.4807874304e+0
68.65	9.482168664	9.482168664e+0
68.66	9.4835498976	9.4835498976e+0
68.67	9.4849311312	9.4849311312e+0
68.68	9.4863123648	9.4863123648e+0
68.69	9.4876935984	9.4876935984e+0
68.7	9.489074832	9.489074832e+0
68.71	9.4904560656	9.4904560656e+0
68.72	9.4918372992	9.4918372992e+0
68.73	9.4932185328	9.4932185328e+0
68.74	9.4945997664	9.4945997664e+0
68.75	9.495981	9.495981e+0
68.76	9.4973622336	9.4973622336e+0
68.77	9.4987434672	9.4987434672e+0
68.78	9.5001247008	9.5001247008e+0
68.79	9.5015059344	9.5015059344e+0
68.8	9.502887168	9.502887168e+0
68.81	9.5042684016	9.5042684016e+0
68.82	9.5056496352	9.5056496352e+0
68.83	9.5070308688	9.5070308688e+0
68.84	9.5084121024	9.5084121024e+0
68.85	9.509793336	9.509793336e+0
68.86	9.5111745696	9.5111745696e+0
68.87	9.5125558032	9.5125558032e+0
68.88	9.5139370368	9.5139370368e+0
68.89	9.5153182704	9.5153182704e+0
68.9	9.516699504	9.516699504e+0
68.91	9.5180807376	9.5180807376e+0
68.92	9.5194619712	9.5194619712e+0

68.93	9.5208432048	9.5208432048e+0
68.94	9.5222244384	9.5222244384e+0
68.95	9.523605672	9.523605672e+0
68.96	9.5249869056	9.5249869056e+0
68.97	9.5263681392	9.5263681392e+0
68.98	9.5277493728	9.5277493728e+0
68.99	9.5291306064	9.5291306064e+0
69	9.53051184	9.53051184e+0
69.01	9.5318930736	9.5318930736e+0
69.02	9.5332743072	9.5332743072e+0
69.03	9.5346555408	9.5346555408e+0
69.04	9.5360367744	9.5360367744e+0
69.05	9.537418008	9.537418008e+0
69.06	9.5387992416	9.5387992416e+0
69.07	9.5401804752	9.5401804752e+0
69.08	9.5415617088	9.5415617088e+0
69.09	9.5429429424	9.5429429424e+0
69.1	9.544324176	9.544324176e+0
69.11	9.5457054096	9.5457054096e+0
69.12	9.5470866432	9.5470866432e+0
69.13	9.5484678768	9.5484678768e+0
69.14	9.5498491104	9.5498491104e+0
69.15	9.551230344	9.551230344e+0
69.16	9.5526115776	9.5526115776e+0
69.17	9.5539928112	9.5539928112e+0
69.18	9.5553740448	9.5553740448e+0
69.19	9.5567552784	9.5567552784e+0
69.2	9.558136512	9.558136512e+0
69.21	9.5595177456	9.5595177456e+0
69.22	9.5608989792	9.5608989792e+0
69.23	9.5622802128	9.5622802128e+0
69.24	9.5636614464	9.5636614464e+0
69.25	9.56504268	9.56504268e+0
69.26	9.5664239136	9.5664239136e+0
69.27	9.5678051472	9.5678051472e+0
69.28	9.5691863808	9.5691863808e+0
69.29	9.5705676144	9.5705676144e+0
69.3	9.571948848	9.571948848e+0

69.31	9.5733300816	9.5733300816e+0
69.32	9.5747113152	9.5747113152e+0
69.33	9.5760925488	9.5760925488e+0
69.34	9.5774737824	9.5774737824e+0
69.35	9.578855016	9.578855016e+0
69.36	9.5802362496	9.5802362496e+0
69.37	9.5816174832	9.5816174832e+0
69.38	9.5829987168	9.5829987168e+0
69.39	9.5843799504	9.5843799504e+0
69.4	9.585761184	9.585761184e+0
69.41	9.5871424176	9.5871424176e+0
69.42	9.5885236512	9.5885236512e+0
69.43	9.5899048848	9.5899048848e+0
69.44	9.5912861184	9.5912861184e+0
69.45	9.592667352	9.592667352e+0
69.46	9.5940485856	9.5940485856e+0
69.47	9.5954298192	9.5954298192e+0
69.48	9.5968110528	9.5968110528e+0
69.49	9.5981922864	9.5981922864e+0
69.5	9.59957352	9.59957352e+0
69.51	9.6009547536	9.6009547536e+0
69.52	9.6023359872	9.6023359872e+0
69.53	9.6037172208	9.6037172208e+0
69.54	9.6050984544	9.6050984544e+0
69.55	9.606479688	9.606479688e+0
69.56	9.6078609216	9.6078609216e+0
69.57	9.6092421552	9.6092421552e+0
69.58	9.6106233888	9.6106233888e+0
69.59	9.6120046224	9.6120046224e+0
69.6	9.613385856	9.613385856e+0
69.61	9.6147670896	9.6147670896e+0
69.62	9.6161483232	9.6161483232e+0
69.63	9.6175295568	9.6175295568e+0
69.64	9.6189107904	9.6189107904e+0
69.65	9.620292024	9.620292024e+0
69.66	9.6216732576	9.6216732576e+0
69.67	9.6230544912	9.6230544912e+0
69.68	9.6244357248	9.6244357248e+0

69.69	9.6258169584	9.6258169584e+0
69.7	9.627198192	9.627198192e+0
69.71	9.6285794256	9.6285794256e+0
69.72	9.6299606592	9.6299606592e+0
69.73	9.6313418928	9.6313418928e+0
69.74	9.6327231264	9.6327231264e+0
69.75	9.63410436	9.63410436e+0
69.76	9.6354855936	9.6354855936e+0
69.77	9.6368668272	9.6368668272e+0
69.78	9.6382480608	9.6382480608e+0
69.79	9.6396292944	9.6396292944e+0
69.8	9.641010528	9.641010528e+0
69.81	9.6423917616	9.6423917616e+0
69.82	9.6437729952	9.6437729952e+0
69.83	9.6451542288	9.6451542288e+0
69.84	9.6465354624	9.6465354624e+0
69.85	9.647916696	9.647916696e+0
69.86	9.6492979296	9.6492979296e+0
69.87	9.6506791632	9.6506791632e+0
69.88	9.6520603968	9.6520603968e+0
69.89	9.6534416304	9.6534416304e+0
69.9	9.654822864	9.654822864e+0
69.91	9.6562040976	9.6562040976e+0
69.92	9.6575853312	9.6575853312e+0
69.93	9.6589665648	9.6589665648e+0
69.94	9.6603477984	9.6603477984e+0
69.95	9.661729032	9.661729032e+0
69.96	9.6631102656	9.6631102656e+0
69.97	9.6644914992	9.6644914992e+0
69.98	9.6658727328	9.6658727328e+0
69.99	9.6672539664	9.6672539664e+0
70	9.6686352	9.6686352e+0
70.01	9.6700164336	9.6700164336e+0
70.02	9.6713976672	9.6713976672e+0
70.03	9.6727789008	9.6727789008e+0
70.04	9.6741601344	9.6741601344e+0
70.05	9.675541368	9.675541368e+0
70.06	9.6769226016	9.6769226016e+0

70.07	9.6783038352	9.6783038352e+0
70.08	9.6796850688	9.6796850688e+0
70.09	9.6810663024	9.6810663024e+0
70.1	9.682447536	9.682447536e+0
70.11	9.6838287696	9.6838287696e+0
70.12	9.6852100032	9.6852100032e+0
70.13	9.6865912368	9.6865912368e+0
70.14	9.6879724704	9.6879724704e+0
70.15	9.689353704	9.689353704e+0
70.16	9.6907349376	9.6907349376e+0
70.17	9.6921161712	9.6921161712e+0
70.18	9.6934974048	9.6934974048e+0
70.19	9.6948786384	9.6948786384e+0
70.2	9.696259872	9.696259872e+0
70.21	9.6976411056	9.6976411056e+0
70.22	9.6990223392	9.6990223392e+0
70.23	9.7004035728	9.7004035728e+0
70.24	9.7017848064	9.7017848064e+0
70.25	9.70316604	9.70316604e+0
70.26	9.7045472736	9.7045472736e+0
70.27	9.7059285072	9.7059285072e+0
70.28	9.7073097408	9.7073097408e+0
70.29	9.7086909744	9.7086909744e+0
70.3	9.710072208	9.710072208e+0
70.31	9.7114534416	9.7114534416e+0
70.32	9.7128346752	9.7128346752e+0
70.33	9.7142159088	9.7142159088e+0
70.34	9.7155971424	9.7155971424e+0
70.35	9.716978376	9.716978376e+0
70.36	9.7183596096	9.7183596096e+0
70.37	9.7197408432	9.7197408432e+0
70.38	9.7211220768	9.7211220768e+0
70.39	9.7225033104	9.7225033104e+0
70.4	9.723884544	9.723884544e+0
70.41	9.7252657776	9.7252657776e+0
70.42	9.7266470112	9.7266470112e+0
70.43	9.7280282448	9.7280282448e+0
70.44	9.7294094784	9.7294094784e+0

70.45	9.730790712	9.730790712e+0
70.46	9.7321719456	9.7321719456e+0
70.47	9.7335531792	9.7335531792e+0
70.48	9.7349344128	9.7349344128e+0
70.49	9.7363156464	9.7363156464e+0
70.5	9.73769688	9.73769688e+0
70.51	9.7390781136	9.7390781136e+0
70.52	9.7404593472	9.7404593472e+0
70.53	9.7418405808	9.7418405808e+0
70.54	9.7432218144	9.7432218144e+0
70.55	9.744603048	9.744603048e+0
70.56	9.7459842816	9.7459842816e+0
70.57	9.7473655152	9.7473655152e+0
70.58	9.7487467488	9.7487467488e+0
70.59	9.7501279824	9.7501279824e+0
70.6	9.751509216	9.751509216e+0
70.61	9.7528904496	9.7528904496e+0
70.62	9.7542716832	9.7542716832e+0
70.63	9.7556529168	9.7556529168e+0
70.64	9.7570341504	9.7570341504e+0
70.65	9.758415384	9.758415384e+0
70.66	9.7597966176	9.7597966176e+0
70.67	9.7611778512	9.7611778512e+0
70.68	9.7625590848	9.7625590848e+0
70.69	9.7639403184	9.7639403184e+0
70.7	9.765321552	9.765321552e+0
70.71	9.7667027856	9.7667027856e+0
70.72	9.7680840192	9.7680840192e+0
70.73	9.7694652528	9.7694652528e+0
70.74	9.7708464864	9.7708464864e+0
70.75	9.77222772	9.77222772e+0
70.76	9.7736089536	9.7736089536e+0
70.77	9.7749901872	9.7749901872e+0
70.78	9.7763714208	9.7763714208e+0
70.79	9.7777526544	9.7777526544e+0
70.8	9.779133888	9.779133888e+0
70.81	9.7805151216	9.7805151216e+0
70.82	9.7818963552	9.7818963552e+0

70.83	9.7832775888	9.7832775888e+0
70.84	9.7846588224	9.7846588224e+0
70.85	9.786040056	9.786040056e+0
70.86	9.7874212896	9.7874212896e+0
70.87	9.7888025232	9.7888025232e+0
70.88	9.7901837568	9.7901837568e+0
70.89	9.7915649904	9.7915649904e+0
70.9	9.792946224	9.792946224e+0
70.91	9.7943274576	9.7943274576e+0
70.92	9.7957086912	9.7957086912e+0
70.93	9.7970899248	9.7970899248e+0
70.94	9.7984711584	9.7984711584e+0
70.95	9.799852392	9.799852392e+0
70.96	9.8012336256	9.8012336256e+0
70.97	9.8026148592	9.8026148592e+0
70.98	9.8039960928	9.8039960928e+0
70.99	9.8053773264	9.8053773264e+0
71	9.80675856	9.80675856e+0
71.01	9.8081397936	9.8081397936e+0
71.02	9.8095210272	9.8095210272e+0
71.03	9.8109022608	9.8109022608e+0
71.04	9.8122834944	9.8122834944e+0
71.05	9.813664728	9.813664728e+0
71.06	9.8150459616	9.8150459616e+0
71.07	9.8164271952	9.8164271952e+0
71.08	9.8178084288	9.8178084288e+0
71.09	9.8191896624	9.8191896624e+0
71.1	9.820570896	9.820570896e+0
71.11	9.8219521296	9.8219521296e+0
71.12	9.8233333632	9.8233333632e+0
71.13	9.8247145968	9.8247145968e+0
71.14	9.8260958304	9.8260958304e+0
71.15	9.827477064	9.827477064e+0
71.16	9.8288582976	9.8288582976e+0
71.17	9.8302395312	9.8302395312e+0
71.18	9.8316207648	9.8316207648e+0
71.19	9.8330019984	9.8330019984e+0
71.2	9.834383232	9.834383232e+0

71.21	9.8357644656	9.8357644656e+0
71.22	9.8371456992	9.8371456992e+0
71.23	9.8385269328	9.8385269328e+0
71.24	9.8399081664	9.8399081664e+0
71.25	9.8412894	9.8412894e+0
71.26	9.8426706336	9.8426706336e+0
71.27	9.8440518672	9.8440518672e+0
71.28	9.8454331008	9.8454331008e+0
71.29	9.8468143344	9.8468143344e+0
71.3	9.848195568	9.848195568e+0
71.31	9.8495768016	9.8495768016e+0
71.32	9.8509580352	9.8509580352e+0
71.33	9.8523392688	9.8523392688e+0
71.34	9.8537205024	9.8537205024e+0
71.35	9.855101736	9.855101736e+0
71.36	9.8564829696	9.8564829696e+0
71.37	9.8578642032	9.8578642032e+0
71.38	9.8592454368	9.8592454368e+0
71.39	9.8606266704	9.8606266704e+0
71.4	9.862007904	9.862007904e+0
71.41	9.8633891376	9.8633891376e+0
71.42	9.8647703712	9.8647703712e+0
71.43	9.8661516048	9.8661516048e+0
71.44	9.8675328384	9.8675328384e+0
71.45	9.868914072	9.868914072e+0
71.46	9.8702953056	9.8702953056e+0
71.47	9.8716765392	9.8716765392e+0
71.48	9.8730577728	9.8730577728e+0
71.49	9.8744390064	9.8744390064e+0
71.5	9.87582024	9.87582024e+0
71.51	9.8772014736	9.8772014736e+0
71.52	9.8785827072	9.8785827072e+0
71.53	9.8799639408	9.8799639408e+0
71.54	9.8813451744	9.8813451744e+0
71.55	9.882726408	9.882726408e+0
71.56	9.8841076416	9.8841076416e+0
71.57	9.8854888752	9.8854888752e+0
71.58	9.8868701088	9.8868701088e+0

71.59	9.8882513424	9.8882513424e+0
71.6	9.889632576	9.889632576e+0
71.61	9.8910138096	9.8910138096e+0
71.62	9.8923950432	9.8923950432e+0
71.63	9.8937762768	9.8937762768e+0
71.64	9.8951575104	9.8951575104e+0
71.65	9.896538744	9.896538744e+0
71.66	9.8979199776	9.8979199776e+0
71.67	9.8993012112	9.8993012112e+0
71.68	9.9006824448	9.9006824448e+0
71.69	9.9020636784	9.9020636784e+0
71.7	9.903444912	9.903444912e+0
71.71	9.9048261456	9.9048261456e+0
71.72	9.9062073792	9.9062073792e+0
71.73	9.9075886128	9.9075886128e+0
71.74	9.9089698464	9.9089698464e+0
71.75	9.91035108	9.91035108e+0
71.76	9.9117323136	9.9117323136e+0
71.77	9.9131135472	9.9131135472e+0
71.78	9.9144947808	9.9144947808e+0
71.79	9.9158760144	9.9158760144e+0
71.8	9.917257248	9.917257248e+0
71.81	9.9186384816	9.9186384816e+0
71.82	9.9200197152	9.9200197152e+0
71.83	9.9214009488	9.9214009488e+0
71.84	9.9227821824	9.9227821824e+0
71.85	9.924163416	9.924163416e+0
71.86	9.9255446496	9.9255446496e+0
71.87	9.9269258832	9.9269258832e+0
71.88	9.9283071168	9.9283071168e+0
71.89	9.9296883504	9.9296883504e+0
71.9	9.931069584	9.931069584e+0
71.91	9.9324508176	9.9324508176e+0
71.92	9.9338320512	9.9338320512e+0
71.93	9.9352132848	9.9352132848e+0
71.94	9.9365945184	9.9365945184e+0
71.95	9.937975752	9.937975752e+0
71.96	9.9393569856	9.9393569856e+0

71.97	9.9407382192	9.9407382192e+0
71.98	9.9421194528	9.9421194528e+0
71.99	9.9435006864	9.9435006864e+0
72	9.94488192	9.94488192e+0
72.01	9.9462631536	9.9462631536e+0
72.02	9.9476443872	9.9476443872e+0
72.03	9.9490256208	9.9490256208e+0
72.04	9.9504068544	9.9504068544e+0
72.05	9.951788088	9.951788088e+0
72.06	9.9531693216	9.9531693216e+0
72.07	9.9545505552	9.9545505552e+0
72.08	9.9559317888	9.9559317888e+0
72.09	9.9573130224	9.9573130224e+0
72.1	9.958694256	9.958694256e+0
72.11	9.9600754896	9.9600754896e+0
72.12	9.9614567232	9.9614567232e+0
72.13	9.9628379568	9.9628379568e+0
72.14	9.9642191904	9.9642191904e+0
72.15	9.965600424	9.965600424e+0
72.16	9.9669816576	9.9669816576e+0
72.17	9.9683628912	9.9683628912e+0
72.18	9.9697441248	9.9697441248e+0
72.19	9.9711253584	9.9711253584e+0
72.2	9.972506592	9.972506592e+0
72.21	9.9738878256	9.9738878256e+0
72.22	9.9752690592	9.9752690592e+0
72.23	9.9766502928	9.9766502928e+0
72.24	9.9780315264	9.9780315264e+0
72.25	9.97941276	9.97941276e+0
72.26	9.9807939936	9.9807939936e+0
72.27	9.9821752272	9.9821752272e+0
72.28	9.9835564608	9.9835564608e+0
72.29	9.9849376944	9.9849376944e+0
72.3	9.986318928	9.986318928e+0
72.31	9.9877001616	9.9877001616e+0
72.32	9.9890813952	9.9890813952e+0
72.33	9.9904626288	9.9904626288e+0
72.34	9.9918438624	9.9918438624e+0

72.35	9.993225096	9.993225096e+0
72.36	9.9946063296	9.9946063296e+0
72.37	9.9959875632	9.9959875632e+0
72.38	9.9973687968	9.9973687968e+0
72.39	9.9987500304	9.9987500304e+0
72.4	10.000131264	1.0000131264e+1
72.41	10.001512498	1.0001512498e+1
72.42	10.002893731	1.0002893731e+1
72.43	10.004274965	1.0004274965e+1
72.44	10.005656198	1.0005656198e+1
72.45	10.007037432	1.0007037432e+1
72.46	10.008418666	1.0008418666e+1
72.47	10.009799899	1.0009799899e+1
72.48	10.011181133	1.0011181133e+1
72.49	10.012562366	1.0012562366e+1
72.5	10.0139436	1.00139436e+1
72.51	10.015324834	1.0015324834e+1
72.52	10.016706067	1.0016706067e+1
72.53	10.018087301	1.0018087301e+1
72.54	10.019468534	1.0019468534e+1
72.55	10.020849768	1.0020849768e+1
72.56	10.022231002	1.0022231002e+1
72.57	10.023612235	1.0023612235e+1
72.58	10.024993469	1.0024993469e+1
72.59	10.026374702	1.0026374702e+1
72.6	10.027755936	1.0027755936e+1
72.61	10.02913717	1.002913717e+1
72.62	10.030518403	1.0030518403e+1
72.63	10.031899637	1.0031899637e+1
72.64	10.03328087	1.003328087e+1
72.65	10.034662104	1.0034662104e+1
72.66	10.036043338	1.0036043338e+1
72.67	10.037424571	1.0037424571e+1
72.68	10.038805805	1.0038805805e+1
72.69	10.040187038	1.0040187038e+1
72.7	10.041568272	1.0041568272e+1
72.71	10.042949506	1.0042949506e+1
72.72	10.044330739	1.0044330739e+1

72.73	10.045711973	1.0045711973e+1
72.74	10.047093206	1.0047093206e+1
72.75	10.04847444	1.004847444e+1
72.76	10.049855674	1.0049855674e+1
72.77	10.051236907	1.0051236907e+1
72.78	10.052618141	1.0052618141e+1
72.79	10.053999374	1.0053999374e+1
72.8	10.055380608	1.0055380608e+1
72.81	10.056761842	1.0056761842e+1
72.82	10.058143075	1.0058143075e+1
72.83	10.059524309	1.0059524309e+1
72.84	10.060905542	1.0060905542e+1
72.85	10.062286776	1.0062286776e+1
72.86	10.06366801	1.006366801e+1
72.87	10.065049243	1.0065049243e+1
72.88	10.066430477	1.0066430477e+1
72.89	10.06781171	1.006781171e+1
72.9	10.069192944	1.0069192944e+1
72.91	10.070574178	1.0070574178e+1
72.92	10.071955411	1.0071955411e+1
72.93	10.073336645	1.0073336645e+1
72.94	10.074717878	1.0074717878e+1
72.95	10.076099112	1.0076099112e+1
72.96	10.077480346	1.0077480346e+1
72.97	10.078861579	1.0078861579e+1
72.98	10.080242813	1.0080242813e+1
72.99	10.081624046	1.0081624046e+1
73	10.08300528	1.008300528e+1
73.01	10.084386514	1.0084386514e+1
73.02	10.085767747	1.0085767747e+1
73.03	10.087148981	1.0087148981e+1
73.04	10.088530214	1.0088530214e+1
73.05	10.089911448	1.0089911448e+1
73.06	10.091292682	1.0091292682e+1
73.07	10.092673915	1.0092673915e+1
73.08	10.094055149	1.0094055149e+1
73.09	10.095436382	1.0095436382e+1
73.1	10.096817616	1.0096817616e+1

73.11	10.09819885	1.009819885e+1
73.12	10.099580083	1.0099580083e+1
73.13	10.100961317	1.0100961317e+1
73.14	10.10234255	1.010234255e+1
73.15	10.103723784	1.0103723784e+1
73.16	10.105105018	1.0105105018e+1
73.17	10.106486251	1.0106486251e+1
73.18	10.107867485	1.0107867485e+1
73.19	10.109248718	1.0109248718e+1
73.2	10.110629952	1.0110629952e+1
73.21	10.112011186	1.0112011186e+1
73.22	10.113392419	1.0113392419e+1
73.23	10.114773653	1.0114773653e+1
73.24	10.116154886	1.0116154886e+1
73.25	10.11753612	1.011753612e+1
73.26	10.118917354	1.0118917354e+1
73.27	10.120298587	1.0120298587e+1
73.28	10.121679821	1.0121679821e+1
73.29	10.123061054	1.0123061054e+1
73.3	10.124442288	1.0124442288e+1
73.31	10.125823522	1.0125823522e+1
73.32	10.127204755	1.0127204755e+1
73.33	10.128585989	1.0128585989e+1
73.34	10.129967222	1.0129967222e+1
73.35	10.131348456	1.0131348456e+1
73.36	10.13272969	1.013272969e+1
73.37	10.134110923	1.0134110923e+1
73.38	10.135492157	1.0135492157e+1
73.39	10.13687339	1.013687339e+1
73.4	10.138254624	1.0138254624e+1
73.41	10.139635858	1.0139635858e+1
73.42	10.141017091	1.0141017091e+1
73.43	10.142398325	1.0142398325e+1
73.44	10.143779558	1.0143779558e+1
73.45	10.145160792	1.0145160792e+1
73.46	10.146542026	1.0146542026e+1
73.47	10.147923259	1.0147923259e+1
73.48	10.149304493	1.0149304493e+1

73.49	10.150685726	1.0150685726e+1
73.5	10.15206696	1.015206696e+1
73.51	10.153448194	1.0153448194e+1
73.52	10.154829427	1.0154829427e+1
73.53	10.156210661	1.0156210661e+1
73.54	10.157591894	1.0157591894e+1
73.55	10.158973128	1.0158973128e+1
73.56	10.160354362	1.0160354362e+1
73.57	10.161735595	1.0161735595e+1
73.58	10.163116829	1.0163116829e+1
73.59	10.164498062	1.0164498062e+1
73.6	10.165879296	1.0165879296e+1
73.61	10.16726053	1.016726053e+1
73.62	10.168641763	1.0168641763e+1
73.63	10.170022997	1.0170022997e+1
73.64	10.17140423	1.017140423e+1
73.65	10.172785464	1.0172785464e+1
73.66	10.174166698	1.0174166698e+1
73.67	10.175547931	1.0175547931e+1
73.68	10.176929165	1.0176929165e+1
73.69	10.178310398	1.0178310398e+1
73.7	10.179691632	1.0179691632e+1
73.71	10.181072866	1.0181072866e+1
73.72	10.182454099	1.0182454099e+1
73.73	10.183835333	1.0183835333e+1
73.74	10.185216566	1.0185216566e+1
73.75	10.1865978	1.01865978e+1
73.76	10.187979034	1.0187979034e+1
73.77	10.189360267	1.0189360267e+1
73.78	10.190741501	1.0190741501e+1
73.79	10.192122734	1.0192122734e+1
73.8	10.193503968	1.0193503968e+1
73.81	10.194885202	1.0194885202e+1
73.82	10.196266435	1.0196266435e+1
73.83	10.197647669	1.0197647669e+1
73.84	10.199028902	1.0199028902e+1
73.85	10.200410136	1.0200410136e+1
73.86	10.20179137	1.020179137e+1

73.87	10.203172603	1.0203172603e+1
73.88	10.204553837	1.0204553837e+1
73.89	10.20593507	1.020593507e+1
73.9	10.207316304	1.0207316304e+1
73.91	10.208697538	1.0208697538e+1
73.92	10.210078771	1.0210078771e+1
73.93	10.211460005	1.0211460005e+1
73.94	10.212841238	1.0212841238e+1
73.95	10.214222472	1.0214222472e+1
73.96	10.215603706	1.0215603706e+1
73.97	10.216984939	1.0216984939e+1
73.98	10.218366173	1.0218366173e+1
73.99	10.219747406	1.0219747406e+1
74	10.22112864	1.022112864e+1
74.01	10.222509874	1.0222509874e+1
74.02	10.223891107	1.0223891107e+1
74.03	10.225272341	1.0225272341e+1
74.04	10.226653574	1.0226653574e+1
74.05	10.228034808	1.0228034808e+1
74.06	10.229416042	1.0229416042e+1
74.07	10.230797275	1.0230797275e+1
74.08	10.232178509	1.0232178509e+1
74.09	10.233559742	1.0233559742e+1
74.1	10.234940976	1.0234940976e+1
74.11	10.23632221	1.023632221e+1
74.12	10.237703443	1.0237703443e+1
74.13	10.239084677	1.0239084677e+1
74.14	10.24046591	1.024046591e+1
74.15	10.241847144	1.0241847144e+1
74.16	10.243228378	1.0243228378e+1
74.17	10.244609611	1.0244609611e+1
74.18	10.245990845	1.0245990845e+1
74.19	10.247372078	1.0247372078e+1
74.2	10.248753312	1.0248753312e+1
74.21	10.250134546	1.0250134546e+1
74.22	10.251515779	1.0251515779e+1
74.23	10.252897013	1.0252897013e+1
74.24	10.254278246	1.0254278246e+1

74.25	10.25565948	1.025565948e+1
74.26	10.257040714	1.0257040714e+1
74.27	10.258421947	1.0258421947e+1
74.28	10.259803181	1.0259803181e+1
74.29	10.261184414	1.0261184414e+1
74.3	10.262565648	1.0262565648e+1
74.31	10.263946882	1.0263946882e+1
74.32	10.265328115	1.0265328115e+1
74.33	10.266709349	1.0266709349e+1
74.34	10.268090582	1.0268090582e+1
74.35	10.269471816	1.0269471816e+1
74.36	10.27085305	1.027085305e+1
74.37	10.272234283	1.0272234283e+1
74.38	10.273615517	1.0273615517e+1
74.39	10.27499675	1.027499675e+1
74.4	10.276377984	1.0276377984e+1
74.41	10.277759218	1.0277759218e+1
74.42	10.279140451	1.0279140451e+1
74.43	10.280521685	1.0280521685e+1
74.44	10.281902918	1.0281902918e+1
74.45	10.283284152	1.0283284152e+1
74.46	10.284665386	1.0284665386e+1
74.47	10.286046619	1.0286046619e+1
74.48	10.287427853	1.0287427853e+1
74.49	10.288809086	1.0288809086e+1
74.5	10.29019032	1.029019032e+1
74.51	10.291571554	1.0291571554e+1
74.52	10.292952787	1.0292952787e+1
74.53	10.294334021	1.0294334021e+1
74.54	10.295715254	1.0295715254e+1
74.55	10.297096488	1.0297096488e+1
74.56	10.298477722	1.0298477722e+1
74.57	10.299858955	1.0299858955e+1
74.58	10.301240189	1.0301240189e+1
74.59	10.302621422	1.0302621422e+1
74.6	10.304002656	1.0304002656e+1
74.61	10.30538389	1.030538389e+1
74.62	10.306765123	1.0306765123e+1

74.63	10.308146357	1.0308146357e+1
74.64	10.30952759	1.030952759e+1
74.65	10.310908824	1.0310908824e+1
74.66	10.312290058	1.0312290058e+1
74.67	10.313671291	1.0313671291e+1
74.68	10.315052525	1.0315052525e+1
74.69	10.316433758	1.0316433758e+1
74.7	10.317814992	1.0317814992e+1
74.71	10.319196226	1.0319196226e+1
74.72	10.320577459	1.0320577459e+1
74.73	10.321958693	1.0321958693e+1
74.74	10.323339926	1.0323339926e+1
74.75	10.32472116	1.032472116e+1
74.76	10.326102394	1.0326102394e+1
74.77	10.327483627	1.0327483627e+1
74.78	10.328864861	1.0328864861e+1
74.79	10.330246094	1.0330246094e+1
74.8	10.331627328	1.0331627328e+1
74.81	10.333008562	1.0333008562e+1
74.82	10.334389795	1.0334389795e+1
74.83	10.335771029	1.0335771029e+1
74.84	10.337152262	1.0337152262e+1
74.85	10.338533496	1.0338533496e+1
74.86	10.33991473	1.033991473e+1
74.87	10.341295963	1.0341295963e+1
74.88	10.342677197	1.0342677197e+1
74.89	10.34405843	1.034405843e+1
74.9	10.345439664	1.0345439664e+1
74.91	10.346820898	1.0346820898e+1
74.92	10.348202131	1.0348202131e+1
74.93	10.349583365	1.0349583365e+1
74.94	10.350964598	1.0350964598e+1
74.95	10.352345832	1.0352345832e+1
74.96	10.353727066	1.0353727066e+1
74.97	10.355108299	1.0355108299e+1
74.98	10.356489533	1.0356489533e+1
74.99	10.357870766	1.0357870766e+1
75	10.359252	1.0359252e+1

75.01	10.360633234	1.0360633234e+1
75.02	10.362014467	1.0362014467e+1
75.03	10.363395701	1.0363395701e+1
75.04	10.364776934	1.0364776934e+1
75.05	10.366158168	1.0366158168e+1
75.06	10.367539402	1.0367539402e+1
75.07	10.368920635	1.0368920635e+1
75.08	10.370301869	1.0370301869e+1
75.09	10.371683102	1.0371683102e+1
75.1	10.373064336	1.0373064336e+1
75.11	10.37444557	1.037444557e+1
75.12	10.375826803	1.0375826803e+1
75.13	10.377208037	1.0377208037e+1
75.14	10.37858927	1.037858927e+1
75.15	10.379970504	1.0379970504e+1
75.16	10.381351738	1.0381351738e+1
75.17	10.382732971	1.0382732971e+1
75.18	10.384114205	1.0384114205e+1
75.19	10.385495438	1.0385495438e+1
75.2	10.386876672	1.0386876672e+1
75.21	10.388257906	1.0388257906e+1
75.22	10.389639139	1.0389639139e+1
75.23	10.391020373	1.0391020373e+1
75.24	10.392401606	1.0392401606e+1
75.25	10.39378284	1.039378284e+1
75.26	10.395164074	1.0395164074e+1
75.27	10.396545307	1.0396545307e+1
75.28	10.397926541	1.0397926541e+1
75.29	10.399307774	1.0399307774e+1
75.3	10.400689008	1.0400689008e+1
75.31	10.402070242	1.0402070242e+1
75.32	10.403451475	1.0403451475e+1
75.33	10.404832709	1.0404832709e+1
75.34	10.406213942	1.0406213942e+1
75.35	10.407595176	1.0407595176e+1
75.36	10.40897641	1.040897641e+1
75.37	10.410357643	1.0410357643e+1
75.38	10.411738877	1.0411738877e+1

75.39	10.41312011	1.041312011e+1
75.4	10.414501344	1.0414501344e+1
75.41	10.415882578	1.0415882578e+1
75.42	10.417263811	1.0417263811e+1
75.43	10.418645045	1.0418645045e+1
75.44	10.420026278	1.0420026278e+1
75.45	10.421407512	1.0421407512e+1
75.46	10.422788746	1.0422788746e+1
75.47	10.424169979	1.0424169979e+1
75.48	10.425551213	1.0425551213e+1
75.49	10.426932446	1.0426932446e+1
75.5	10.42831368	1.042831368e+1
75.51	10.429694914	1.0429694914e+1
75.52	10.431076147	1.0431076147e+1
75.53	10.432457381	1.0432457381e+1
75.54	10.433838614	1.0433838614e+1
75.55	10.435219848	1.0435219848e+1
75.56	10.436601082	1.0436601082e+1
75.57	10.437982315	1.0437982315e+1
75.58	10.439363549	1.0439363549e+1
75.59	10.440744782	1.0440744782e+1
75.6	10.442126016	1.0442126016e+1
75.61	10.44350725	1.044350725e+1
75.62	10.444888483	1.0444888483e+1
75.63	10.446269717	1.0446269717e+1
75.64	10.44765095	1.044765095e+1
75.65	10.449032184	1.0449032184e+1
75.66	10.450413418	1.0450413418e+1
75.67	10.451794651	1.0451794651e+1
75.68	10.453175885	1.0453175885e+1
75.69	10.454557118	1.0454557118e+1
75.7	10.455938352	1.0455938352e+1
75.71	10.457319586	1.0457319586e+1
75.72	10.458700819	1.0458700819e+1
75.73	10.460082053	1.0460082053e+1
75.74	10.461463286	1.0461463286e+1
75.75	10.46284452	1.046284452e+1
75.76	10.464225754	1.0464225754e+1

75.77	10.465606987	1.0465606987e+1
75.78	10.466988221	1.0466988221e+1
75.79	10.468369454	1.0468369454e+1
75.8	10.469750688	1.0469750688e+1
75.81	10.471131922	1.0471131922e+1
75.82	10.472513155	1.0472513155e+1
75.83	10.473894389	1.0473894389e+1
75.84	10.475275622	1.0475275622e+1
75.85	10.476656856	1.0476656856e+1
75.86	10.47803809	1.047803809e+1
75.87	10.479419323	1.0479419323e+1
75.88	10.480800557	1.0480800557e+1
75.89	10.48218179	1.048218179e+1
75.9	10.483563024	1.0483563024e+1
75.91	10.484944258	1.0484944258e+1
75.92	10.486325491	1.0486325491e+1
75.93	10.487706725	1.0487706725e+1
75.94	10.489087958	1.0489087958e+1
75.95	10.490469192	1.0490469192e+1
75.96	10.491850426	1.0491850426e+1
75.97	10.493231659	1.0493231659e+1
75.98	10.494612893	1.0494612893e+1
75.99	10.495994126	1.0495994126e+1
76	10.49737536	1.049737536e+1
76.01	10.498756594	1.0498756594e+1
76.02	10.500137827	1.0500137827e+1
76.03	10.501519061	1.0501519061e+1
76.04	10.502900294	1.0502900294e+1
76.05	10.504281528	1.0504281528e+1
76.06	10.505662762	1.0505662762e+1
76.07	10.507043995	1.0507043995e+1
76.08	10.508425229	1.0508425229e+1
76.09	10.509806462	1.0509806462e+1
76.1	10.511187696	1.0511187696e+1
76.11	10.51256893	1.051256893e+1
76.12	10.513950163	1.0513950163e+1
76.13	10.515331397	1.0515331397e+1
76.14	10.51671263	1.051671263e+1

76.15	10.518093864	1.0518093864e+1
76.16	10.519475098	1.0519475098e+1
76.17	10.520856331	1.0520856331e+1
76.18	10.522237565	1.0522237565e+1
76.19	10.523618798	1.0523618798e+1
76.2	10.525000032	1.0525000032e+1
76.21	10.526381266	1.0526381266e+1
76.22	10.527762499	1.0527762499e+1
76.23	10.529143733	1.0529143733e+1
76.24	10.530524966	1.0530524966e+1
76.25	10.5319062	1.05319062e+1
76.26	10.533287434	1.0533287434e+1
76.27	10.534668667	1.0534668667e+1
76.28	10.536049901	1.0536049901e+1
76.29	10.537431134	1.0537431134e+1
76.3	10.538812368	1.0538812368e+1
76.31	10.540193602	1.0540193602e+1
76.32	10.541574835	1.0541574835e+1
76.33	10.542956069	1.0542956069e+1
76.34	10.544337302	1.0544337302e+1
76.35	10.545718536	1.0545718536e+1
76.36	10.54709977	1.054709977e+1
76.37	10.548481003	1.0548481003e+1
76.38	10.549862237	1.0549862237e+1
76.39	10.55124347	1.055124347e+1
76.4	10.552624704	1.0552624704e+1
76.41	10.554005938	1.0554005938e+1
76.42	10.555387171	1.0555387171e+1
76.43	10.556768405	1.0556768405e+1
76.44	10.558149638	1.0558149638e+1
76.45	10.559530872	1.0559530872e+1
76.46	10.560912106	1.0560912106e+1
76.47	10.562293339	1.0562293339e+1
76.48	10.563674573	1.0563674573e+1
76.49	10.565055806	1.0565055806e+1
76.5	10.56643704	1.056643704e+1
76.51	10.567818274	1.0567818274e+1
76.52	10.569199507	1.0569199507e+1

76.53	10.570580741	1.0570580741e+1
76.54	10.571961974	1.0571961974e+1
76.55	10.573343208	1.0573343208e+1
76.56	10.574724442	1.0574724442e+1
76.57	10.576105675	1.0576105675e+1
76.58	10.577486909	1.0577486909e+1
76.59	10.578868142	1.0578868142e+1
76.6	10.580249376	1.0580249376e+1
76.61	10.58163061	1.058163061e+1
76.62	10.583011843	1.0583011843e+1
76.63	10.584393077	1.0584393077e+1
76.64	10.58577431	1.058577431e+1
76.65	10.587155544	1.0587155544e+1
76.66	10.588536778	1.0588536778e+1
76.67	10.589918011	1.0589918011e+1
76.68	10.591299245	1.0591299245e+1
76.69	10.592680478	1.0592680478e+1
76.7	10.594061712	1.0594061712e+1
76.71	10.595442946	1.0595442946e+1
76.72	10.596824179	1.0596824179e+1
76.73	10.598205413	1.0598205413e+1
76.74	10.599586646	1.0599586646e+1
76.75	10.60096788	1.060096788e+1
76.76	10.602349114	1.0602349114e+1
76.77	10.603730347	1.0603730347e+1
76.78	10.605111581	1.0605111581e+1
76.79	10.606492814	1.0606492814e+1
76.8	10.607874048	1.0607874048e+1
76.81	10.609255282	1.0609255282e+1
76.82	10.610636515	1.0610636515e+1
76.83	10.612017749	1.0612017749e+1
76.84	10.613398982	1.0613398982e+1
76.85	10.614780216	1.0614780216e+1
76.86	10.61616145	1.061616145e+1
76.87	10.617542683	1.0617542683e+1
76.88	10.618923917	1.0618923917e+1
76.89	10.62030515	1.062030515e+1
76.9	10.621686384	1.0621686384e+1

76.91	10.623067618	1.0623067618e+1
76.92	10.624448851	1.0624448851e+1
76.93	10.625830085	1.0625830085e+1
76.94	10.627211318	1.0627211318e+1
76.95	10.628592552	1.0628592552e+1
76.96	10.629973786	1.0629973786e+1
76.97	10.631355019	1.0631355019e+1
76.98	10.632736253	1.0632736253e+1
76.99	10.634117486	1.0634117486e+1
77	10.63549872	1.063549872e+1
77.01	10.636879954	1.0636879954e+1
77.02	10.638261187	1.0638261187e+1
77.03	10.639642421	1.0639642421e+1
77.04	10.641023654	1.0641023654e+1
77.05	10.642404888	1.0642404888e+1
77.06	10.643786122	1.0643786122e+1
77.07	10.645167355	1.0645167355e+1
77.08	10.646548589	1.0646548589e+1
77.09	10.647929822	1.0647929822e+1
77.1	10.649311056	1.0649311056e+1
77.11	10.65069229	1.065069229e+1
77.12	10.652073523	1.0652073523e+1
77.13	10.653454757	1.0653454757e+1
77.14	10.65483599	1.065483599e+1
77.15	10.656217224	1.0656217224e+1
77.16	10.657598458	1.0657598458e+1
77.17	10.658979691	1.0658979691e+1
77.18	10.660360925	1.0660360925e+1
77.19	10.661742158	1.0661742158e+1
77.2	10.663123392	1.0663123392e+1
77.21	10.664504626	1.0664504626e+1
77.22	10.665885859	1.0665885859e+1
77.23	10.667267093	1.0667267093e+1
77.24	10.668648326	1.0668648326e+1
77.25	10.67002956	1.067002956e+1
77.26	10.671410794	1.0671410794e+1
77.27	10.672792027	1.0672792027e+1
77.28	10.674173261	1.0674173261e+1

77.29	10.675554494	1.0675554494e+1
77.3	10.676935728	1.0676935728e+1
77.31	10.678316962	1.0678316962e+1
77.32	10.679698195	1.0679698195e+1
77.33	10.681079429	1.0681079429e+1
77.34	10.682460662	1.0682460662e+1
77.35	10.683841896	1.0683841896e+1
77.36	10.68522313	1.068522313e+1
77.37	10.686604363	1.0686604363e+1
77.38	10.687985597	1.0687985597e+1
77.39	10.68936683	1.068936683e+1
77.4	10.690748064	1.0690748064e+1
77.41	10.692129298	1.0692129298e+1
77.42	10.693510531	1.0693510531e+1
77.43	10.694891765	1.0694891765e+1
77.44	10.696272998	1.0696272998e+1
77.45	10.697654232	1.0697654232e+1
77.46	10.699035466	1.0699035466e+1
77.47	10.700416699	1.0700416699e+1
77.48	10.701797933	1.0701797933e+1
77.49	10.703179166	1.0703179166e+1
77.5	10.7045604	1.07045604e+1
77.51	10.705941634	1.0705941634e+1
77.52	10.707322867	1.0707322867e+1
77.53	10.708704101	1.0708704101e+1
77.54	10.710085334	1.0710085334e+1
77.55	10.711466568	1.0711466568e+1
77.56	10.712847802	1.0712847802e+1
77.57	10.714229035	1.0714229035e+1
77.58	10.715610269	1.0715610269e+1
77.59	10.716991502	1.0716991502e+1
77.6	10.718372736	1.0718372736e+1
77.61	10.71975397	1.071975397e+1
77.62	10.721135203	1.0721135203e+1
77.63	10.722516437	1.0722516437e+1
77.64	10.72389767	1.072389767e+1
77.65	10.725278904	1.0725278904e+1
77.66	10.726660138	1.0726660138e+1

77.67	10.728041371	1.0728041371e+1
77.68	10.729422605	1.0729422605e+1
77.69	10.730803838	1.0730803838e+1
77.7	10.732185072	1.0732185072e+1
77.71	10.733566306	1.0733566306e+1
77.72	10.734947539	1.0734947539e+1
77.73	10.736328773	1.0736328773e+1
77.74	10.737710006	1.0737710006e+1
77.75	10.73909124	1.073909124e+1
77.76	10.740472474	1.0740472474e+1
77.77	10.741853707	1.0741853707e+1
77.78	10.743234941	1.0743234941e+1
77.79	10.744616174	1.0744616174e+1
77.8	10.745997408	1.0745997408e+1
77.81	10.747378642	1.0747378642e+1
77.82	10.748759875	1.0748759875e+1
77.83	10.750141109	1.0750141109e+1
77.84	10.751522342	1.0751522342e+1
77.85	10.752903576	1.0752903576e+1
77.86	10.75428481	1.075428481e+1
77.87	10.755666043	1.0755666043e+1
77.88	10.757047277	1.0757047277e+1
77.89	10.75842851	1.075842851e+1
77.9	10.759809744	1.0759809744e+1
77.91	10.761190978	1.0761190978e+1
77.92	10.762572211	1.0762572211e+1
77.93	10.763953445	1.0763953445e+1
77.94	10.765334678	1.0765334678e+1
77.95	10.766715912	1.0766715912e+1
77.96	10.768097146	1.0768097146e+1
77.97	10.769478379	1.0769478379e+1
77.98	10.770859613	1.0770859613e+1
77.99	10.772240846	1.0772240846e+1
78	10.77362208	1.077362208e+1
78.01	10.775003314	1.0775003314e+1
78.02	10.776384547	1.0776384547e+1
78.03	10.777765781	1.077765781e+1
78.04	10.779147014	1.0779147014e+1

78.05	10.780528248	1.0780528248e+1
78.06	10.781909482	1.0781909482e+1
78.07	10.783290715	1.0783290715e+1
78.08	10.784671949	1.0784671949e+1
78.09	10.786053182	1.0786053182e+1
78.1	10.787434416	1.0787434416e+1
78.11	10.78881565	1.078881565e+1
78.12	10.790196883	1.0790196883e+1
78.13	10.791578117	1.0791578117e+1
78.14	10.79295935	1.079295935e+1
78.15	10.794340584	1.0794340584e+1
78.16	10.795721818	1.0795721818e+1
78.17	10.797103051	1.0797103051e+1
78.18	10.798484285	1.0798484285e+1
78.19	10.799865518	1.0799865518e+1
78.2	10.801246752	1.0801246752e+1
78.21	10.802627986	1.0802627986e+1
78.22	10.804009219	1.0804009219e+1
78.23	10.805390453	1.0805390453e+1
78.24	10.806771686	1.0806771686e+1
78.25	10.80815292	1.080815292e+1
78.26	10.809534154	1.0809534154e+1
78.27	10.810915387	1.0810915387e+1
78.28	10.812296621	1.0812296621e+1
78.29	10.813677854	1.0813677854e+1
78.3	10.815059088	1.0815059088e+1
78.31	10.816440322	1.0816440322e+1
78.32	10.817821555	1.0817821555e+1
78.33	10.819202789	1.0819202789e+1
78.34	10.820584022	1.0820584022e+1
78.35	10.821965256	1.0821965256e+1
78.36	10.82334649	1.082334649e+1
78.37	10.824727723	1.0824727723e+1
78.38	10.826108957	1.0826108957e+1
78.39	10.82749019	1.082749019e+1
78.4	10.828871424	1.0828871424e+1
78.41	10.830252658	1.0830252658e+1
78.42	10.831633891	1.0831633891e+1

78.43	10.833015125	1.0833015125e+1
78.44	10.834396358	1.0834396358e+1
78.45	10.835777592	1.0835777592e+1
78.46	10.837158826	1.0837158826e+1
78.47	10.838540059	1.0838540059e+1
78.48	10.839921293	1.0839921293e+1
78.49	10.841302526	1.0841302526e+1
78.5	10.84268376	1.084268376e+1
78.51	10.844064994	1.0844064994e+1
78.52	10.845446227	1.0845446227e+1
78.53	10.846827461	1.0846827461e+1
78.54	10.848208694	1.0848208694e+1
78.55	10.849589928	1.0849589928e+1
78.56	10.850971162	1.0850971162e+1
78.57	10.852352395	1.0852352395e+1
78.58	10.853733629	1.0853733629e+1
78.59	10.855114862	1.0855114862e+1
78.6	10.856496096	1.0856496096e+1
78.61	10.85787733	1.085787733e+1
78.62	10.859258563	1.0859258563e+1
78.63	10.860639797	1.0860639797e+1
78.64	10.86202103	1.086202103e+1
78.65	10.863402264	1.0863402264e+1
78.66	10.864783498	1.0864783498e+1
78.67	10.866164731	1.0866164731e+1
78.68	10.867545965	1.0867545965e+1
78.69	10.868927198	1.0868927198e+1
78.7	10.870308432	1.0870308432e+1
78.71	10.871689666	1.0871689666e+1
78.72	10.873070899	1.0873070899e+1
78.73	10.874452133	1.0874452133e+1
78.74	10.875833366	1.0875833366e+1
78.75	10.8772146	1.08772146e+1
78.76	10.878595834	1.0878595834e+1
78.77	10.879977067	1.0879977067e+1
78.78	10.881358301	1.0881358301e+1
78.79	10.882739534	1.0882739534e+1
78.8	10.884120768	1.0884120768e+1

78.81	10.885502002	1.0885502002e+1
78.82	10.886883235	1.0886883235e+1
78.83	10.888264469	1.0888264469e+1
78.84	10.889645702	1.0889645702e+1
78.85	10.891026936	1.0891026936e+1
78.86	10.89240817	1.089240817e+1
78.87	10.893789403	1.0893789403e+1
78.88	10.895170637	1.0895170637e+1
78.89	10.89655187	1.089655187e+1
78.9	10.897933104	1.0897933104e+1
78.91	10.899314338	1.0899314338e+1
78.92	10.900695571	1.0900695571e+1
78.93	10.902076805	1.0902076805e+1
78.94	10.903458038	1.0903458038e+1
78.95	10.904839272	1.0904839272e+1
78.96	10.906220506	1.0906220506e+1
78.97	10.907601739	1.0907601739e+1
78.98	10.908982973	1.0908982973e+1
78.99	10.910364206	1.0910364206e+1
79	10.91174544	1.091174544e+1
79.01	10.913126674	1.0913126674e+1
79.02	10.914507907	1.0914507907e+1
79.03	10.915889141	1.0915889141e+1
79.04	10.917270374	1.0917270374e+1
79.05	10.918651608	1.0918651608e+1
79.06	10.920032842	1.0920032842e+1
79.07	10.921414075	1.0921414075e+1
79.08	10.922795309	1.0922795309e+1
79.09	10.924176542	1.0924176542e+1
79.1	10.925557776	1.0925557776e+1
79.11	10.92693901	1.092693901e+1
79.12	10.928320243	1.0928320243e+1
79.13	10.929701477	1.0929701477e+1
79.14	10.93108271	1.093108271e+1
79.15	10.932463944	1.0932463944e+1
79.16	10.933845178	1.0933845178e+1
79.17	10.935226411	1.0935226411e+1
79.18	10.936607645	1.0936607645e+1

79.19	10.937988878	1.0937988878e+1
79.2	10.939370112	1.0939370112e+1
79.21	10.940751346	1.0940751346e+1
79.22	10.942132579	1.0942132579e+1
79.23	10.943513813	1.0943513813e+1
79.24	10.944895046	1.0944895046e+1
79.25	10.94627628	1.094627628e+1
79.26	10.947657514	1.0947657514e+1
79.27	10.949038747	1.0949038747e+1
79.28	10.950419981	1.0950419981e+1
79.29	10.951801214	1.0951801214e+1
79.3	10.953182448	1.0953182448e+1
79.31	10.954563682	1.0954563682e+1
79.32	10.955944915	1.0955944915e+1
79.33	10.957326149	1.0957326149e+1
79.34	10.958707382	1.0958707382e+1
79.35	10.960088616	1.0960088616e+1
79.36	10.96146985	1.096146985e+1
79.37	10.962851083	1.0962851083e+1
79.38	10.964232317	1.0964232317e+1
79.39	10.96561355	1.096561355e+1
79.4	10.966994784	1.0966994784e+1
79.41	10.968376018	1.0968376018e+1
79.42	10.969757251	1.0969757251e+1
79.43	10.971138485	1.0971138485e+1
79.44	10.972519718	1.0972519718e+1
79.45	10.973900952	1.0973900952e+1
79.46	10.975282186	1.0975282186e+1
79.47	10.976663419	1.0976663419e+1
79.48	10.978044653	1.0978044653e+1
79.49	10.979425886	1.0979425886e+1
79.5	10.98080712	1.098080712e+1
79.51	10.982188354	1.0982188354e+1
79.52	10.983569587	1.0983569587e+1
79.53	10.984950821	1.0984950821e+1
79.54	10.986332054	1.0986332054e+1
79.55	10.987713288	1.0987713288e+1
79.56	10.989094522	1.0989094522e+1

79.57	10.990475755	1.0990475755e+1
79.58	10.991856989	1.0991856989e+1
79.59	10.993238222	1.0993238222e+1
79.6	10.994619456	1.0994619456e+1
79.61	10.99600069	1.099600069e+1
79.62	10.997381923	1.0997381923e+1
79.63	10.998763157	1.0998763157e+1
79.64	11.00014439	1.100014439e+1
79.65	11.001525624	1.1001525624e+1
79.66	11.002906858	1.1002906858e+1
79.67	11.004288091	1.1004288091e+1
79.68	11.005669325	1.1005669325e+1
79.69	11.007050558	1.1007050558e+1
79.7	11.008431792	1.1008431792e+1
79.71	11.009813026	1.1009813026e+1
79.72	11.011194259	1.1011194259e+1
79.73	11.012575493	1.1012575493e+1
79.74	11.013956726	1.1013956726e+1
79.75	11.01533796	1.101533796e+1
79.76	11.016719194	1.1016719194e+1
79.77	11.018100427	1.1018100427e+1
79.78	11.019481661	1.1019481661e+1
79.79	11.020862894	1.1020862894e+1
79.8	11.022244128	1.1022244128e+1
79.81	11.023625362	1.1023625362e+1
79.82	11.025006595	1.1025006595e+1
79.83	11.026387829	1.1026387829e+1
79.84	11.027769062	1.1027769062e+1
79.85	11.029150296	1.1029150296e+1
79.86	11.03053153	1.103053153e+1
79.87	11.031912763	1.1031912763e+1
79.88	11.033293997	1.1033293997e+1
79.89	11.03467523	1.103467523e+1
79.9	11.036056464	1.1036056464e+1
79.91	11.037437698	1.1037437698e+1
79.92	11.038818931	1.1038818931e+1
79.93	11.040200165	1.1040200165e+1
79.94	11.041581398	1.1041581398e+1

79.95	11.042962632	1.1042962632e+1
79.96	11.044343866	1.1044343866e+1
79.97	11.045725099	1.1045725099e+1
79.98	11.047106333	1.1047106333e+1
79.99	11.048487566	1.1048487566e+1
80	11.0498688	1.10498688e+1
80.01	11.051250034	1.1051250034e+1
80.02	11.052631267	1.1052631267e+1
80.03	11.054012501	1.1054012501e+1
80.04	11.055393734	1.1055393734e+1
80.05	11.056774968	1.1056774968e+1
80.06	11.058156202	1.1058156202e+1
80.07	11.059537435	1.1059537435e+1
80.08	11.060918669	1.1060918669e+1
80.09	11.062299902	1.1062299902e+1
80.1	11.063681136	1.1063681136e+1
80.11	11.06506237	1.106506237e+1
80.12	11.066443603	1.1066443603e+1
80.13	11.067824837	1.1067824837e+1
80.14	11.06920607	1.106920607e+1
80.15	11.070587304	1.1070587304e+1
80.16	11.071968538	1.1071968538e+1
80.17	11.073349771	1.1073349771e+1
80.18	11.074731005	1.1074731005e+1
80.19	11.076112238	1.1076112238e+1
80.2	11.077493472	1.1077493472e+1
80.21	11.078874706	1.1078874706e+1
80.22	11.080255939	1.1080255939e+1
80.23	11.081637173	1.1081637173e+1
80.24	11.083018406	1.1083018406e+1
80.25	11.08439964	1.108439964e+1
80.26	11.085780874	1.1085780874e+1
80.27	11.087162107	1.1087162107e+1
80.28	11.088543341	1.1088543341e+1
80.29	11.089924574	1.1089924574e+1
80.3	11.091305808	1.1091305808e+1
80.31	11.092687042	1.1092687042e+1
80.32	11.094068275	1.1094068275e+1

80.33	11.095449509	1.1095449509e+1
80.34	11.096830742	1.1096830742e+1
80.35	11.098211976	1.1098211976e+1
80.36	11.09959321	1.109959321e+1
80.37	11.100974443	1.1100974443e+1
80.38	11.102355677	1.1102355677e+1
80.39	11.10373691	1.110373691e+1
80.4	11.105118144	1.1105118144e+1
80.41	11.106499378	1.1106499378e+1
80.42	11.107880611	1.1107880611e+1
80.43	11.109261845	1.1109261845e+1
80.44	11.110643078	1.1110643078e+1
80.45	11.112024312	1.1112024312e+1
80.46	11.113405546	1.1113405546e+1
80.47	11.114786779	1.1114786779e+1
80.48	11.116168013	1.1116168013e+1
80.49	11.117549246	1.1117549246e+1
80.5	11.11893048	1.111893048e+1
80.51	11.120311714	1.1120311714e+1
80.52	11.121692947	1.1121692947e+1
80.53	11.123074181	1.1123074181e+1
80.54	11.124455414	1.1124455414e+1
80.55	11.125836648	1.1125836648e+1
80.56	11.127217882	1.1127217882e+1
80.57	11.128599115	1.1128599115e+1
80.58	11.129980349	1.1129980349e+1
80.59	11.131361582	1.1131361582e+1
80.6	11.132742816	1.1132742816e+1
80.61	11.13412405	1.113412405e+1
80.62	11.135505283	1.1135505283e+1
80.63	11.136886517	1.1136886517e+1
80.64	11.13826775	1.113826775e+1
80.65	11.139648984	1.1139648984e+1
80.66	11.141030218	1.1141030218e+1
80.67	11.142411451	1.1142411451e+1
80.68	11.143792685	1.1143792685e+1
80.69	11.145173918	1.1145173918e+1
80.7	11.146555152	1.1146555152e+1

80.71	11.147936386	1.1147936386e+1
80.72	11.149317619	1.1149317619e+1
80.73	11.150698853	1.1150698853e+1
80.74	11.152080086	1.1152080086e+1
80.75	11.15346132	1.115346132e+1
80.76	11.154842554	1.1154842554e+1
80.77	11.156223787	1.1156223787e+1
80.78	11.157605021	1.1157605021e+1
80.79	11.158986254	1.1158986254e+1
80.8	11.160367488	1.1160367488e+1
80.81	11.161748722	1.1161748722e+1
80.82	11.163129955	1.1163129955e+1
80.83	11.164511189	1.1164511189e+1
80.84	11.165892422	1.1165892422e+1
80.85	11.167273656	1.1167273656e+1
80.86	11.16865489	1.116865489e+1
80.87	11.170036123	1.1170036123e+1
80.88	11.171417357	1.1171417357e+1
80.89	11.17279859	1.117279859e+1
80.9	11.174179824	1.1174179824e+1
80.91	11.175561058	1.1175561058e+1
80.92	11.176942291	1.1176942291e+1
80.93	11.178323525	1.1178323525e+1
80.94	11.179704758	1.1179704758e+1
80.95	11.181085992	1.1181085992e+1
80.96	11.182467226	1.1182467226e+1
80.97	11.183848459	1.1183848459e+1
80.98	11.185229693	1.1185229693e+1
80.99	11.186610926	1.1186610926e+1
81	11.18799216	1.118799216e+1
81.01	11.189373394	1.1189373394e+1
81.02	11.190754627	1.1190754627e+1
81.03	11.192135861	1.1192135861e+1
81.04	11.193517094	1.1193517094e+1
81.05	11.194898328	1.1194898328e+1
81.06	11.196279562	1.1196279562e+1
81.07	11.197660795	1.1197660795e+1
81.08	11.199042029	1.1199042029e+1

81.09	11.200423262	1.1200423262e+1
81.1	11.201804496	1.1201804496e+1
81.11	11.20318573	1.120318573e+1
81.12	11.204566963	1.1204566963e+1
81.13	11.205948197	1.1205948197e+1
81.14	11.20732943	1.120732943e+1
81.15	11.208710664	1.1208710664e+1
81.16	11.210091898	1.1210091898e+1
81.17	11.211473131	1.1211473131e+1
81.18	11.212854365	1.1212854365e+1
81.19	11.214235598	1.1214235598e+1
81.2	11.215616832	1.1215616832e+1
81.21	11.216998066	1.1216998066e+1
81.22	11.218379299	1.1218379299e+1
81.23	11.219760533	1.1219760533e+1
81.24	11.221141766	1.1221141766e+1
81.25	11.222523	1.1222523e+1
81.26	11.223904234	1.1223904234e+1
81.27	11.225285467	1.1225285467e+1
81.28	11.226666701	1.1226666701e+1
81.29	11.228047934	1.1228047934e+1
81.3	11.229429168	1.1229429168e+1
81.31	11.230810402	1.1230810402e+1
81.32	11.232191635	1.1232191635e+1
81.33	11.233572869	1.1233572869e+1
81.34	11.234954102	1.1234954102e+1
81.35	11.236335336	1.1236335336e+1
81.36	11.23771657	1.123771657e+1
81.37	11.239097803	1.1239097803e+1
81.38	11.240479037	1.1240479037e+1
81.39	11.24186027	1.124186027e+1
81.4	11.243241504	1.1243241504e+1
81.41	11.244622738	1.1244622738e+1
81.42	11.246003971	1.1246003971e+1
81.43	11.247385205	1.1247385205e+1
81.44	11.248766438	1.1248766438e+1
81.45	11.250147672	1.1250147672e+1
81.46	11.251528906	1.1251528906e+1

81.47	11.252910139	1.1252910139e+1
81.48	11.254291373	1.1254291373e+1
81.49	11.255672606	1.1255672606e+1
81.5	11.25705384	1.125705384e+1
81.51	11.258435074	1.1258435074e+1
81.52	11.259816307	1.1259816307e+1
81.53	11.261197541	1.1261197541e+1
81.54	11.262578774	1.1262578774e+1
81.55	11.263960008	1.1263960008e+1
81.56	11.265341242	1.1265341242e+1
81.57	11.266722475	1.1266722475e+1
81.58	11.268103709	1.1268103709e+1
81.59	11.269484942	1.1269484942e+1
81.6	11.270866176	1.1270866176e+1
81.61	11.27224741	1.127224741e+1
81.62	11.273628643	1.1273628643e+1
81.63	11.275009877	1.1275009877e+1
81.64	11.27639111	1.127639111e+1
81.65	11.277772344	1.1277772344e+1
81.66	11.279153578	1.1279153578e+1
81.67	11.280534811	1.1280534811e+1
81.68	11.281916045	1.1281916045e+1
81.69	11.283297278	1.1283297278e+1
81.7	11.284678512	1.1284678512e+1
81.71	11.286059746	1.1286059746e+1
81.72	11.287440979	1.1287440979e+1
81.73	11.288822213	1.1288822213e+1
81.74	11.290203446	1.1290203446e+1
81.75	11.29158468	1.129158468e+1
81.76	11.292965914	1.1292965914e+1
81.77	11.294347147	1.1294347147e+1
81.78	11.295728381	1.1295728381e+1
81.79	11.297109614	1.1297109614e+1
81.8	11.298490848	1.1298490848e+1
81.81	11.299872082	1.1299872082e+1
81.82	11.301253315	1.1301253315e+1
81.83	11.302634549	1.1302634549e+1
81.84	11.304015782	1.1304015782e+1

81.85	11.305397016	1.1305397016e+1
81.86	11.30677825	1.130677825e+1
81.87	11.308159483	1.1308159483e+1
81.88	11.309540717	1.1309540717e+1
81.89	11.31092195	1.131092195e+1
81.9	11.312303184	1.1312303184e+1
81.91	11.313684418	1.1313684418e+1
81.92	11.315065651	1.1315065651e+1
81.93	11.316446885	1.1316446885e+1
81.94	11.317828118	1.1317828118e+1
81.95	11.319209352	1.1319209352e+1
81.96	11.320590586	1.1320590586e+1
81.97	11.321971819	1.1321971819e+1
81.98	11.323353053	1.1323353053e+1
81.99	11.324734286	1.1324734286e+1
82	11.32611552	1.132611552e+1
82.01	11.327496754	1.1327496754e+1
82.02	11.328877987	1.1328877987e+1
82.03	11.330259221	1.1330259221e+1
82.04	11.331640454	1.1331640454e+1
82.05	11.333021688	1.1333021688e+1
82.06	11.334402922	1.1334402922e+1
82.07	11.335784155	1.1335784155e+1
82.08	11.337165389	1.1337165389e+1
82.09	11.338546622	1.1338546622e+1
82.1	11.339927856	1.1339927856e+1
82.11	11.34130909	1.134130909e+1
82.12	11.342690323	1.1342690323e+1
82.13	11.344071557	1.1344071557e+1
82.14	11.34545279	1.134545279e+1
82.15	11.346834024	1.1346834024e+1
82.16	11.348215258	1.1348215258e+1
82.17	11.349596491	1.1349596491e+1
82.18	11.350977725	1.1350977725e+1
82.19	11.352358958	1.1352358958e+1
82.2	11.353740192	1.1353740192e+1
82.21	11.355121426	1.1355121426e+1
82.22	11.356502659	1.1356502659e+1

82.23	11.357883893	1.1357883893e+1
82.24	11.359265126	1.1359265126e+1
82.25	11.36064636	1.136064636e+1
82.26	11.362027594	1.1362027594e+1
82.27	11.363408827	1.1363408827e+1
82.28	11.364790061	1.1364790061e+1
82.29	11.366171294	1.1366171294e+1
82.3	11.367552528	1.1367552528e+1
82.31	11.368933762	1.1368933762e+1
82.32	11.370314995	1.1370314995e+1
82.33	11.371696229	1.1371696229e+1
82.34	11.373077462	1.1373077462e+1
82.35	11.374458696	1.1374458696e+1
82.36	11.37583993	1.137583993e+1
82.37	11.377221163	1.1377221163e+1
82.38	11.378602397	1.1378602397e+1
82.39	11.37998363	1.137998363e+1
82.4	11.381364864	1.1381364864e+1
82.41	11.382746098	1.1382746098e+1
82.42	11.384127331	1.1384127331e+1
82.43	11.385508565	1.1385508565e+1
82.44	11.386889798	1.1386889798e+1
82.45	11.388271032	1.1388271032e+1
82.46	11.389652266	1.1389652266e+1
82.47	11.391033499	1.1391033499e+1
82.48	11.392414733	1.1392414733e+1
82.49	11.393795966	1.1393795966e+1
82.5	11.3951772	1.13951772e+1
82.51	11.396558434	1.1396558434e+1
82.52	11.397939667	1.1397939667e+1
82.53	11.399320901	1.1399320901e+1
82.54	11.400702134	1.1400702134e+1
82.55	11.402083368	1.1402083368e+1
82.56	11.403464602	1.1403464602e+1
82.57	11.404845835	1.1404845835e+1
82.58	11.406227069	1.1406227069e+1
82.59	11.407608302	1.1407608302e+1
82.6	11.408989536	1.1408989536e+1

82.61	11.41037077	1.141037077e+1
82.62	11.411752003	1.1411752003e+1
82.63	11.413133237	1.1413133237e+1
82.64	11.41451447	1.141451447e+1
82.65	11.415895704	1.1415895704e+1
82.66	11.417276938	1.1417276938e+1
82.67	11.418658171	1.1418658171e+1
82.68	11.420039405	1.1420039405e+1
82.69	11.421420638	1.1421420638e+1
82.7	11.422801872	1.1422801872e+1
82.71	11.424183106	1.1424183106e+1
82.72	11.425564339	1.1425564339e+1
82.73	11.426945573	1.1426945573e+1
82.74	11.428326806	1.1428326806e+1
82.75	11.42970804	1.142970804e+1
82.76	11.431089274	1.1431089274e+1
82.77	11.432470507	1.1432470507e+1
82.78	11.433851741	1.1433851741e+1
82.79	11.435232974	1.1435232974e+1
82.8	11.436614208	1.1436614208e+1
82.81	11.437995442	1.1437995442e+1
82.82	11.439376675	1.1439376675e+1
82.83	11.440757909	1.1440757909e+1
82.84	11.442139142	1.1442139142e+1
82.85	11.443520376	1.1443520376e+1
82.86	11.44490161	1.144490161e+1
82.87	11.446282843	1.1446282843e+1
82.88	11.447664077	1.1447664077e+1
82.89	11.44904531	1.144904531e+1
82.9	11.450426544	1.1450426544e+1
82.91	11.451807778	1.1451807778e+1
82.92	11.453189011	1.1453189011e+1
82.93	11.454570245	1.1454570245e+1
82.94	11.455951478	1.1455951478e+1
82.95	11.457332712	1.1457332712e+1
82.96	11.458713946	1.1458713946e+1
82.97	11.460095179	1.1460095179e+1
82.98	11.461476413	1.1461476413e+1

82.99	11.462857646	1.1462857646e+1
83	11.46423888	1.146423888e+1
83.01	11.465620114	1.1465620114e+1
83.02	11.467001347	1.1467001347e+1
83.03	11.468382581	1.1468382581e+1
83.04	11.469763814	1.1469763814e+1
83.05	11.471145048	1.1471145048e+1
83.06	11.472526282	1.1472526282e+1
83.07	11.473907515	1.1473907515e+1
83.08	11.475288749	1.1475288749e+1
83.09	11.476669982	1.1476669982e+1
83.1	11.478051216	1.1478051216e+1
83.11	11.47943245	1.147943245e+1
83.12	11.480813683	1.1480813683e+1
83.13	11.482194917	1.1482194917e+1
83.14	11.48357615	1.148357615e+1
83.15	11.484957384	1.1484957384e+1
83.16	11.486338618	1.1486338618e+1
83.17	11.487719851	1.1487719851e+1
83.18	11.489101085	1.1489101085e+1
83.19	11.490482318	1.1490482318e+1
83.2	11.491863552	1.1491863552e+1
83.21	11.493244786	1.1493244786e+1
83.22	11.494626019	1.1494626019e+1
83.23	11.496007253	1.1496007253e+1
83.24	11.497388486	1.1497388486e+1
83.25	11.49876972	1.149876972e+1
83.26	11.500150954	1.1500150954e+1
83.27	11.501532187	1.1501532187e+1
83.28	11.502913421	1.1502913421e+1
83.29	11.504294654	1.1504294654e+1
83.3	11.505675888	1.1505675888e+1
83.31	11.507057122	1.1507057122e+1
83.32	11.508438355	1.1508438355e+1
83.33	11.509819589	1.1509819589e+1
83.34	11.511200822	1.1511200822e+1
83.35	11.512582056	1.1512582056e+1
83.36	11.51396329	1.151396329e+1

83.37	11.515344523	1.1515344523e+1
83.38	11.516725757	1.1516725757e+1
83.39	11.51810699	1.151810699e+1
83.4	11.519488224	1.1519488224e+1
83.41	11.520869458	1.1520869458e+1
83.42	11.522250691	1.1522250691e+1
83.43	11.523631925	1.1523631925e+1
83.44	11.525013158	1.1525013158e+1
83.45	11.526394392	1.1526394392e+1
83.46	11.527775626	1.1527775626e+1
83.47	11.529156859	1.1529156859e+1
83.48	11.530538093	1.1530538093e+1
83.49	11.531919326	1.1531919326e+1
83.5	11.53330056	1.153330056e+1
83.51	11.534681794	1.1534681794e+1
83.52	11.536063027	1.1536063027e+1
83.53	11.537444261	1.1537444261e+1
83.54	11.538825494	1.1538825494e+1
83.55	11.540206728	1.1540206728e+1
83.56	11.541587962	1.1541587962e+1
83.57	11.542969195	1.1542969195e+1
83.58	11.544350429	1.1544350429e+1
83.59	11.545731662	1.1545731662e+1
83.6	11.547112896	1.1547112896e+1
83.61	11.54849413	1.154849413e+1
83.62	11.549875363	1.1549875363e+1
83.63	11.551256597	1.1551256597e+1
83.64	11.55263783	1.155263783e+1
83.65	11.554019064	1.1554019064e+1
83.66	11.555400298	1.1555400298e+1
83.67	11.556781531	1.1556781531e+1
83.68	11.558162765	1.1558162765e+1
83.69	11.559543998	1.1559543998e+1
83.7	11.560925232	1.1560925232e+1
83.71	11.562306466	1.1562306466e+1
83.72	11.563687699	1.1563687699e+1
83.73	11.565068933	1.1565068933e+1
83.74	11.566450166	1.1566450166e+1

83.75	11.5678314	1.15678314e+1
83.76	11.569212634	1.1569212634e+1
83.77	11.570593867	1.1570593867e+1
83.78	11.571975101	1.1571975101e+1
83.79	11.573356334	1.1573356334e+1
83.8	11.574737568	1.1574737568e+1
83.81	11.576118802	1.1576118802e+1
83.82	11.577500035	1.1577500035e+1
83.83	11.578881269	1.1578881269e+1
83.84	11.580262502	1.1580262502e+1
83.85	11.581643736	1.1581643736e+1
83.86	11.58302497	1.158302497e+1
83.87	11.584406203	1.1584406203e+1
83.88	11.585787437	1.1585787437e+1
83.89	11.58716867	1.158716867e+1
83.9	11.588549904	1.1588549904e+1
83.91	11.589931138	1.1589931138e+1
83.92	11.591312371	1.1591312371e+1
83.93	11.592693605	1.1592693605e+1
83.94	11.594074838	1.1594074838e+1
83.95	11.595456072	1.1595456072e+1
83.96	11.596837306	1.1596837306e+1
83.97	11.598218539	1.1598218539e+1
83.98	11.599599773	1.1599599773e+1
83.99	11.600981006	1.1600981006e+1
84	11.60236224	1.160236224e+1
84.01	11.603743474	1.1603743474e+1
84.02	11.605124707	1.1605124707e+1
84.03	11.606505941	1.1606505941e+1
84.04	11.607887174	1.1607887174e+1
84.05	11.609268408	1.1609268408e+1
84.06	11.610649642	1.1610649642e+1
84.07	11.612030875	1.1612030875e+1
84.08	11.613412109	1.1613412109e+1
84.09	11.614793342	1.1614793342e+1
84.1	11.616174576	1.1616174576e+1
84.11	11.61755581	1.161755581e+1
84.12	11.618937043	1.1618937043e+1

84.13	11.620318277	1.1620318277e+1
84.14	11.62169951	1.162169951e+1
84.15	11.623080744	1.1623080744e+1
84.16	11.624461978	1.1624461978e+1
84.17	11.625843211	1.1625843211e+1
84.18	11.627224445	1.1627224445e+1
84.19	11.628605678	1.1628605678e+1
84.2	11.629986912	1.1629986912e+1
84.21	11.631368146	1.1631368146e+1
84.22	11.632749379	1.1632749379e+1
84.23	11.634130613	1.1634130613e+1
84.24	11.635511846	1.1635511846e+1
84.25	11.63689308	1.163689308e+1
84.26	11.638274314	1.1638274314e+1
84.27	11.639655547	1.1639655547e+1
84.28	11.641036781	1.1641036781e+1
84.29	11.642418014	1.1642418014e+1
84.3	11.643799248	1.1643799248e+1
84.31	11.645180482	1.1645180482e+1
84.32	11.646561715	1.1646561715e+1
84.33	11.647942949	1.1647942949e+1
84.34	11.649324182	1.1649324182e+1
84.35	11.650705416	1.1650705416e+1
84.36	11.65208665	1.165208665e+1
84.37	11.653467883	1.1653467883e+1
84.38	11.654849117	1.1654849117e+1
84.39	11.65623035	1.165623035e+1
84.4	11.657611584	1.1657611584e+1
84.41	11.658992818	1.1658992818e+1
84.42	11.660374051	1.1660374051e+1
84.43	11.661755285	1.1661755285e+1
84.44	11.663136518	1.1663136518e+1
84.45	11.664517752	1.1664517752e+1
84.46	11.665898986	1.1665898986e+1
84.47	11.667280219	1.1667280219e+1
84.48	11.668661453	1.1668661453e+1
84.49	11.670042686	1.1670042686e+1
84.5	11.67142392	1.167142392e+1

84.51	11.672805154	1.1672805154e+1
84.52	11.674186387	1.1674186387e+1
84.53	11.675567621	1.1675567621e+1
84.54	11.676948854	1.1676948854e+1
84.55	11.678330088	1.1678330088e+1
84.56	11.679711322	1.1679711322e+1
84.57	11.681092555	1.1681092555e+1
84.58	11.682473789	1.1682473789e+1
84.59	11.683855022	1.1683855022e+1
84.6	11.685236256	1.1685236256e+1
84.61	11.68661749	1.168661749e+1
84.62	11.687998723	1.1687998723e+1
84.63	11.689379957	1.1689379957e+1
84.64	11.69076119	1.169076119e+1
84.65	11.692142424	1.1692142424e+1
84.66	11.693523658	1.1693523658e+1
84.67	11.694904891	1.1694904891e+1
84.68	11.696286125	1.1696286125e+1
84.69	11.697667358	1.1697667358e+1
84.7	11.699048592	1.1699048592e+1
84.71	11.700429826	1.1700429826e+1
84.72	11.701811059	1.1701811059e+1
84.73	11.703192293	1.1703192293e+1
84.74	11.704573526	1.1704573526e+1
84.75	11.70595476	1.170595476e+1
84.76	11.707335994	1.1707335994e+1
84.77	11.708717227	1.1708717227e+1
84.78	11.710098461	1.1710098461e+1
84.79	11.711479694	1.1711479694e+1
84.8	11.712860928	1.1712860928e+1
84.81	11.714242162	1.1714242162e+1
84.82	11.715623395	1.1715623395e+1
84.83	11.717004629	1.1717004629e+1
84.84	11.718385862	1.1718385862e+1
84.85	11.719767096	1.1719767096e+1
84.86	11.72114833	1.172114833e+1
84.87	11.722529563	1.1722529563e+1
84.88	11.723910797	1.1723910797e+1

84.89	11.72529203	1.172529203e+1
84.9	11.726673264	1.1726673264e+1
84.91	11.728054498	1.1728054498e+1
84.92	11.729435731	1.1729435731e+1
84.93	11.730816965	1.1730816965e+1
84.94	11.732198198	1.1732198198e+1
84.95	11.733579432	1.1733579432e+1
84.96	11.734960666	1.1734960666e+1
84.97	11.736341899	1.1736341899e+1
84.98	11.737723133	1.1737723133e+1
84.99	11.739104366	1.1739104366e+1
85	11.7404856	1.17404856e+1
85.01	11.741866834	1.1741866834e+1
85.02	11.743248067	1.1743248067e+1
85.03	11.744629301	1.1744629301e+1
85.04	11.746010534	1.1746010534e+1
85.05	11.747391768	1.1747391768e+1
85.06	11.748773002	1.1748773002e+1
85.07	11.750154235	1.1750154235e+1
85.08	11.751535469	1.1751535469e+1
85.09	11.752916702	1.1752916702e+1
85.1	11.754297936	1.1754297936e+1
85.11	11.75567917	1.175567917e+1
85.12	11.757060403	1.1757060403e+1
85.13	11.758441637	1.1758441637e+1
85.14	11.75982287	1.175982287e+1
85.15	11.761204104	1.1761204104e+1
85.16	11.762585338	1.1762585338e+1
85.17	11.763966571	1.1763966571e+1
85.18	11.765347805	1.1765347805e+1
85.19	11.766729038	1.1766729038e+1
85.2	11.768110272	1.1768110272e+1
85.21	11.769491506	1.1769491506e+1
85.22	11.770872739	1.1770872739e+1
85.23	11.772253973	1.1772253973e+1
85.24	11.773635206	1.1773635206e+1
85.25	11.77501644	1.177501644e+1
85.26	11.776397674	1.1776397674e+1

85.27	11.777778907	1.1777778907e+1
85.28	11.779160141	1.1779160141e+1
85.29	11.780541374	1.1780541374e+1
85.3	11.781922608	1.1781922608e+1
85.31	11.783303842	1.1783303842e+1
85.32	11.784685075	1.1784685075e+1
85.33	11.786066309	1.1786066309e+1
85.34	11.787447542	1.1787447542e+1
85.35	11.788828776	1.1788828776e+1
85.36	11.79021001	1.179021001e+1
85.37	11.791591243	1.1791591243e+1
85.38	11.792972477	1.1792972477e+1
85.39	11.79435371	1.179435371e+1
85.4	11.795734944	1.1795734944e+1
85.41	11.797116178	1.1797116178e+1
85.42	11.798497411	1.1798497411e+1
85.43	11.799878645	1.1799878645e+1
85.44	11.801259878	1.1801259878e+1
85.45	11.802641112	1.1802641112e+1
85.46	11.804022346	1.1804022346e+1
85.47	11.805403579	1.1805403579e+1
85.48	11.806784813	1.1806784813e+1
85.49	11.808166046	1.1808166046e+1
85.5	11.80954728	1.180954728e+1
85.51	11.810928514	1.1810928514e+1
85.52	11.812309747	1.1812309747e+1
85.53	11.813690981	1.1813690981e+1
85.54	11.815072214	1.1815072214e+1
85.55	11.816453448	1.1816453448e+1
85.56	11.817834682	1.1817834682e+1
85.57	11.819215915	1.1819215915e+1
85.58	11.820597149	1.1820597149e+1
85.59	11.821978382	1.1821978382e+1
85.6	11.823359616	1.1823359616e+1
85.61	11.82474085	1.182474085e+1
85.62	11.826122083	1.1826122083e+1
85.63	11.827503317	1.1827503317e+1
85.64	11.82888455	1.182888455e+1

85.65	11.830265784	1.1830265784e+1
85.66	11.831647018	1.1831647018e+1
85.67	11.833028251	1.1833028251e+1
85.68	11.834409485	1.1834409485e+1
85.69	11.835790718	1.1835790718e+1
85.7	11.837171952	1.1837171952e+1
85.71	11.838553186	1.1838553186e+1
85.72	11.839934419	1.1839934419e+1
85.73	11.841315653	1.1841315653e+1
85.74	11.842696886	1.1842696886e+1
85.75	11.84407812	1.184407812e+1
85.76	11.845459354	1.1845459354e+1
85.77	11.846840587	1.1846840587e+1
85.78	11.848221821	1.1848221821e+1
85.79	11.849603054	1.1849603054e+1
85.8	11.850984288	1.1850984288e+1
85.81	11.852365522	1.1852365522e+1
85.82	11.853746755	1.1853746755e+1
85.83	11.855127989	1.1855127989e+1
85.84	11.856509222	1.1856509222e+1
85.85	11.857890456	1.1857890456e+1
85.86	11.85927169	1.185927169e+1
85.87	11.860652923	1.1860652923e+1
85.88	11.862034157	1.1862034157e+1
85.89	11.86341539	1.186341539e+1
85.9	11.864796624	1.1864796624e+1
85.91	11.866177858	1.1866177858e+1
85.92	11.867559091	1.1867559091e+1
85.93	11.868940325	1.1868940325e+1
85.94	11.870321558	1.1870321558e+1
85.95	11.871702792	1.1871702792e+1
85.96	11.873084026	1.1873084026e+1
85.97	11.874465259	1.1874465259e+1
85.98	11.875846493	1.1875846493e+1
85.99	11.877227726	1.1877227726e+1
86	11.87860896	1.187860896e+1
86.01	11.879990194	1.1879990194e+1
86.02	11.881371427	1.1881371427e+1

86.03	11.882752661	1.1882752661e+1
86.04	11.884133894	1.1884133894e+1
86.05	11.885515128	1.1885515128e+1
86.06	11.886896362	1.1886896362e+1
86.07	11.888277595	1.1888277595e+1
86.08	11.889658829	1.1889658829e+1
86.09	11.891040062	1.1891040062e+1
86.1	11.892421296	1.1892421296e+1
86.11	11.89380253	1.189380253e+1
86.12	11.895183763	1.1895183763e+1
86.13	11.896564997	1.1896564997e+1
86.14	11.89794623	1.189794623e+1
86.15	11.899327464	1.1899327464e+1
86.16	11.900708698	1.1900708698e+1
86.17	11.902089931	1.1902089931e+1
86.18	11.903471165	1.1903471165e+1
86.19	11.904852398	1.1904852398e+1
86.2	11.906233632	1.1906233632e+1
86.21	11.907614866	1.1907614866e+1
86.22	11.908996099	1.1908996099e+1
86.23	11.910377333	1.1910377333e+1
86.24	11.911758566	1.1911758566e+1
86.25	11.9131398	1.19131398e+1
86.26	11.914521034	1.1914521034e+1
86.27	11.915902267	1.1915902267e+1
86.28	11.917283501	1.1917283501e+1
86.29	11.918664734	1.1918664734e+1
86.3	11.920045968	1.1920045968e+1
86.31	11.921427202	1.1921427202e+1
86.32	11.922808435	1.1922808435e+1
86.33	11.924189669	1.1924189669e+1
86.34	11.925570902	1.1925570902e+1
86.35	11.926952136	1.1926952136e+1
86.36	11.92833337	1.192833337e+1
86.37	11.929714603	1.1929714603e+1
86.38	11.931095837	1.1931095837e+1
86.39	11.93247707	1.193247707e+1
86.4	11.933858304	1.1933858304e+1

86.41	11.935239538	1.1935239538e+1
86.42	11.936620771	1.1936620771e+1
86.43	11.938002005	1.1938002005e+1
86.44	11.939383238	1.1939383238e+1
86.45	11.940764472	1.1940764472e+1
86.46	11.942145706	1.1942145706e+1
86.47	11.943526939	1.1943526939e+1
86.48	11.944908173	1.1944908173e+1
86.49	11.946289406	1.1946289406e+1
86.5	11.94767064	1.194767064e+1
86.51	11.949051874	1.1949051874e+1
86.52	11.950433107	1.1950433107e+1
86.53	11.951814341	1.1951814341e+1
86.54	11.953195574	1.1953195574e+1
86.55	11.954576808	1.1954576808e+1
86.56	11.955958042	1.1955958042e+1
86.57	11.957339275	1.1957339275e+1
86.58	11.958720509	1.1958720509e+1
86.59	11.960101742	1.1960101742e+1
86.6	11.961482976	1.1961482976e+1
86.61	11.96286421	1.196286421e+1
86.62	11.964245443	1.1964245443e+1
86.63	11.965626677	1.1965626677e+1
86.64	11.96700791	1.196700791e+1
86.65	11.968389144	1.1968389144e+1
86.66	11.969770378	1.1969770378e+1
86.67	11.971151611	1.1971151611e+1
86.68	11.972532845	1.1972532845e+1
86.69	11.973914078	1.1973914078e+1
86.7	11.975295312	1.1975295312e+1
86.71	11.976676546	1.1976676546e+1
86.72	11.978057779	1.1978057779e+1
86.73	11.979439013	1.1979439013e+1
86.74	11.980820246	1.1980820246e+1
86.75	11.98220148	1.198220148e+1
86.76	11.983582714	1.1983582714e+1
86.77	11.984963947	1.1984963947e+1
86.78	11.986345181	1.1986345181e+1

86.79	11.987726414	1.1987726414e+1
86.8	11.989107648	1.1989107648e+1
86.81	11.990488882	1.1990488882e+1
86.82	11.991870115	1.1991870115e+1
86.83	11.993251349	1.1993251349e+1
86.84	11.994632582	1.1994632582e+1
86.85	11.996013816	1.1996013816e+1
86.86	11.99739505	1.199739505e+1
86.87	11.998776283	1.1998776283e+1
86.88	12.000157517	1.2000157517e+1
86.89	12.00153875	1.200153875e+1
86.9	12.002919984	1.2002919984e+1
86.91	12.004301218	1.2004301218e+1
86.92	12.005682451	1.2005682451e+1
86.93	12.007063685	1.2007063685e+1
86.94	12.008444918	1.2008444918e+1
86.95	12.009826152	1.2009826152e+1
86.96	12.011207386	1.2011207386e+1
86.97	12.012588619	1.2012588619e+1
86.98	12.013969853	1.2013969853e+1
86.99	12.015351086	1.2015351086e+1
87	12.01673232	1.201673232e+1
87.01	12.018113554	1.2018113554e+1
87.02	12.019494787	1.2019494787e+1
87.03	12.020876021	1.2020876021e+1
87.04	12.022257254	1.2022257254e+1
87.05	12.023638488	1.2023638488e+1
87.06	12.025019722	1.2025019722e+1
87.07	12.026400955	1.2026400955e+1
87.08	12.027782189	1.2027782189e+1
87.09	12.029163422	1.2029163422e+1
87.1	12.030544656	1.2030544656e+1
87.11	12.03192589	1.203192589e+1
87.12	12.033307123	1.2033307123e+1
87.13	12.034688357	1.2034688357e+1
87.14	12.03606959	1.203606959e+1
87.15	12.037450824	1.2037450824e+1
87.16	12.038832058	1.2038832058e+1

87.17	12.040213291	1.2040213291e+1
87.18	12.041594525	1.2041594525e+1
87.19	12.042975758	1.2042975758e+1
87.2	12.044356992	1.2044356992e+1
87.21	12.045738226	1.2045738226e+1
87.22	12.047119459	1.2047119459e+1
87.23	12.048500693	1.2048500693e+1
87.24	12.049881926	1.2049881926e+1
87.25	12.05126316	1.205126316e+1
87.26	12.052644394	1.2052644394e+1
87.27	12.054025627	1.2054025627e+1
87.28	12.055406861	1.2055406861e+1
87.29	12.056788094	1.2056788094e+1
87.3	12.058169328	1.2058169328e+1
87.31	12.059550562	1.2059550562e+1
87.32	12.060931795	1.2060931795e+1
87.33	12.062313029	1.2062313029e+1
87.34	12.063694262	1.2063694262e+1
87.35	12.065075496	1.2065075496e+1
87.36	12.06645673	1.206645673e+1
87.37	12.067837963	1.2067837963e+1
87.38	12.069219197	1.2069219197e+1
87.39	12.07060043	1.207060043e+1
87.4	12.071981664	1.2071981664e+1
87.41	12.073362898	1.2073362898e+1
87.42	12.074744131	1.2074744131e+1
87.43	12.076125365	1.2076125365e+1
87.44	12.077506598	1.2077506598e+1
87.45	12.078887832	1.2078887832e+1
87.46	12.080269066	1.2080269066e+1
87.47	12.081650299	1.2081650299e+1
87.48	12.083031533	1.2083031533e+1
87.49	12.084412766	1.2084412766e+1
87.5	12.085794	1.2085794e+1
87.51	12.087175234	1.2087175234e+1
87.52	12.088556467	1.2088556467e+1
87.53	12.089937701	1.2089937701e+1
87.54	12.091318934	1.2091318934e+1

87.55	12.092700168	1.2092700168e+1
87.56	12.094081402	1.2094081402e+1
87.57	12.095462635	1.2095462635e+1
87.58	12.096843869	1.2096843869e+1
87.59	12.098225102	1.2098225102e+1
87.6	12.099606336	1.2099606336e+1
87.61	12.10098757	1.210098757e+1
87.62	12.102368803	1.2102368803e+1
87.63	12.103750037	1.2103750037e+1
87.64	12.10513127	1.210513127e+1
87.65	12.106512504	1.2106512504e+1
87.66	12.107893738	1.2107893738e+1
87.67	12.109274971	1.2109274971e+1
87.68	12.110656205	1.2110656205e+1
87.69	12.112037438	1.2112037438e+1
87.7	12.113418672	1.2113418672e+1
87.71	12.114799906	1.2114799906e+1
87.72	12.116181139	1.2116181139e+1
87.73	12.117562373	1.2117562373e+1
87.74	12.118943606	1.2118943606e+1
87.75	12.12032484	1.212032484e+1
87.76	12.121706074	1.2121706074e+1
87.77	12.123087307	1.2123087307e+1
87.78	12.124468541	1.2124468541e+1
87.79	12.125849774	1.2125849774e+1
87.8	12.127231008	1.2127231008e+1
87.81	12.128612242	1.2128612242e+1
87.82	12.129993475	1.2129993475e+1
87.83	12.131374709	1.2131374709e+1
87.84	12.132755942	1.2132755942e+1
87.85	12.134137176	1.2134137176e+1
87.86	12.13551841	1.213551841e+1
87.87	12.136899643	1.2136899643e+1
87.88	12.138280877	1.2138280877e+1
87.89	12.13966211	1.213966211e+1
87.9	12.141043344	1.2141043344e+1
87.91	12.142424578	1.2142424578e+1
87.92	12.143805811	1.2143805811e+1

87.93	12.145187045	1.2145187045e+1
87.94	12.146568278	1.2146568278e+1
87.95	12.147949512	1.2147949512e+1
87.96	12.149330746	1.2149330746e+1
87.97	12.150711979	1.2150711979e+1
87.98	12.152093213	1.2152093213e+1
87.99	12.153474446	1.2153474446e+1
88	12.15485568	1.215485568e+1
88.01	12.156236914	1.2156236914e+1
88.02	12.157618147	1.2157618147e+1
88.03	12.158999381	1.2158999381e+1
88.04	12.160380614	1.2160380614e+1
88.05	12.161761848	1.2161761848e+1
88.06	12.163143082	1.2163143082e+1
88.07	12.164524315	1.2164524315e+1
88.08	12.165905549	1.2165905549e+1
88.09	12.167286782	1.2167286782e+1
88.1	12.168668016	1.2168668016e+1
88.11	12.17004925	1.217004925e+1
88.12	12.171430483	1.2171430483e+1
88.13	12.172811717	1.2172811717e+1
88.14	12.17419295	1.217419295e+1
88.15	12.175574184	1.2175574184e+1
88.16	12.176955418	1.2176955418e+1
88.17	12.178336651	1.2178336651e+1
88.18	12.179717885	1.2179717885e+1
88.19	12.181099118	1.2181099118e+1
88.2	12.182480352	1.2182480352e+1
88.21	12.183861586	1.2183861586e+1
88.22	12.185242819	1.2185242819e+1
88.23	12.186624053	1.2186624053e+1
88.24	12.188005286	1.2188005286e+1
88.25	12.18938652	1.218938652e+1
88.26	12.190767754	1.2190767754e+1
88.27	12.192148987	1.2192148987e+1
88.28	12.193530221	1.2193530221e+1
88.29	12.194911454	1.2194911454e+1
88.3	12.196292688	1.2196292688e+1

88.31	12.197673922	1.2197673922e+1
88.32	12.199055155	1.2199055155e+1
88.33	12.200436389	1.2200436389e+1
88.34	12.201817622	1.2201817622e+1
88.35	12.203198856	1.2203198856e+1
88.36	12.20458009	1.220458009e+1
88.37	12.205961323	1.2205961323e+1
88.38	12.207342557	1.2207342557e+1
88.39	12.20872379	1.220872379e+1
88.4	12.210105024	1.2210105024e+1
88.41	12.211486258	1.2211486258e+1
88.42	12.212867491	1.2212867491e+1
88.43	12.214248725	1.2214248725e+1
88.44	12.215629958	1.2215629958e+1
88.45	12.217011192	1.2217011192e+1
88.46	12.218392426	1.2218392426e+1
88.47	12.219773659	1.2219773659e+1
88.48	12.221154893	1.2221154893e+1
88.49	12.222536126	1.2222536126e+1
88.5	12.22391736	1.222391736e+1
88.51	12.225298594	1.2225298594e+1
88.52	12.226679827	1.2226679827e+1
88.53	12.228061061	1.2228061061e+1
88.54	12.229442294	1.2229442294e+1
88.55	12.230823528	1.2230823528e+1
88.56	12.232204762	1.2232204762e+1
88.57	12.233585995	1.2233585995e+1
88.58	12.234967229	1.2234967229e+1
88.59	12.236348462	1.2236348462e+1
88.6	12.237729696	1.2237729696e+1
88.61	12.23911093	1.223911093e+1
88.62	12.240492163	1.2240492163e+1
88.63	12.241873397	1.2241873397e+1
88.64	12.24325463	1.224325463e+1
88.65	12.244635864	1.2244635864e+1
88.66	12.246017098	1.2246017098e+1
88.67	12.247398331	1.2247398331e+1
88.68	12.248779565	1.2248779565e+1

88.69	12.250160798	1.2250160798e+1
88.7	12.251542032	1.2251542032e+1
88.71	12.252923266	1.2252923266e+1
88.72	12.254304499	1.2254304499e+1
88.73	12.255685733	1.2255685733e+1
88.74	12.257066966	1.2257066966e+1
88.75	12.2584482	1.22584482e+1
88.76	12.259829434	1.2259829434e+1
88.77	12.261210667	1.2261210667e+1
88.78	12.262591901	1.2262591901e+1
88.79	12.263973134	1.2263973134e+1
88.8	12.265354368	1.2265354368e+1
88.81	12.266735602	1.2266735602e+1
88.82	12.268116835	1.2268116835e+1
88.83	12.269498069	1.2269498069e+1
88.84	12.270879302	1.2270879302e+1
88.85	12.272260536	1.2272260536e+1
88.86	12.27364177	1.227364177e+1
88.87	12.275023003	1.2275023003e+1
88.88	12.276404237	1.2276404237e+1
88.89	12.27778547	1.227778547e+1
88.9	12.279166704	1.2279166704e+1
88.91	12.280547938	1.2280547938e+1
88.92	12.281929171	1.2281929171e+1
88.93	12.283310405	1.2283310405e+1
88.94	12.284691638	1.2284691638e+1
88.95	12.286072872	1.2286072872e+1
88.96	12.287454106	1.2287454106e+1
88.97	12.288835339	1.2288835339e+1
88.98	12.290216573	1.2290216573e+1
88.99	12.291597806	1.2291597806e+1
89	12.29297904	1.229297904e+1
89.01	12.294360274	1.2294360274e+1
89.02	12.295741507	1.2295741507e+1
89.03	12.297122741	1.2297122741e+1
89.04	12.298503974	1.2298503974e+1
89.05	12.299885208	1.2299885208e+1
89.06	12.301266442	1.2301266442e+1

89.07	12.302647675	1.2302647675e+1
89.08	12.304028909	1.2304028909e+1
89.09	12.305410142	1.2305410142e+1
89.1	12.306791376	1.2306791376e+1
89.11	12.30817261	1.230817261e+1
89.12	12.309553843	1.2309553843e+1
89.13	12.310935077	1.2310935077e+1
89.14	12.31231631	1.231231631e+1
89.15	12.313697544	1.2313697544e+1
89.16	12.315078778	1.2315078778e+1
89.17	12.316460011	1.2316460011e+1
89.18	12.317841245	1.2317841245e+1
89.19	12.319222478	1.2319222478e+1
89.2	12.320603712	1.2320603712e+1
89.21	12.321984946	1.2321984946e+1
89.22	12.323366179	1.2323366179e+1
89.23	12.324747413	1.2324747413e+1
89.24	12.326128646	1.2326128646e+1
89.25	12.32750988	1.232750988e+1
89.26	12.328891114	1.2328891114e+1
89.27	12.330272347	1.2330272347e+1
89.28	12.331653581	1.2331653581e+1
89.29	12.333034814	1.2333034814e+1
89.3	12.334416048	1.2334416048e+1
89.31	12.335797282	1.2335797282e+1
89.32	12.337178515	1.2337178515e+1
89.33	12.338559749	1.2338559749e+1
89.34	12.339940982	1.2339940982e+1
89.35	12.341322216	1.2341322216e+1
89.36	12.34270345	1.234270345e+1
89.37	12.344084683	1.2344084683e+1
89.38	12.345465917	1.2345465917e+1
89.39	12.34684715	1.234684715e+1
89.4	12.348228384	1.2348228384e+1
89.41	12.349609618	1.2349609618e+1
89.42	12.350990851	1.2350990851e+1
89.43	12.352372085	1.2352372085e+1
89.44	12.353753318	1.2353753318e+1

89.45	12.355134552	1.2355134552e+1
89.46	12.356515786	1.2356515786e+1
89.47	12.357897019	1.2357897019e+1
89.48	12.359278253	1.2359278253e+1
89.49	12.360659486	1.2360659486e+1
89.5	12.36204072	1.236204072e+1
89.51	12.363421954	1.2363421954e+1
89.52	12.364803187	1.2364803187e+1
89.53	12.366184421	1.2366184421e+1
89.54	12.367565654	1.2367565654e+1
89.55	12.368946888	1.2368946888e+1
89.56	12.370328122	1.2370328122e+1
89.57	12.371709355	1.2371709355e+1
89.58	12.373090589	1.2373090589e+1
89.59	12.374471822	1.2374471822e+1
89.6	12.375853056	1.2375853056e+1
89.61	12.37723429	1.237723429e+1
89.62	12.378615523	1.2378615523e+1
89.63	12.379996757	1.2379996757e+1
89.64	12.38137799	1.238137799e+1
89.65	12.382759224	1.2382759224e+1
89.66	12.384140458	1.2384140458e+1
89.67	12.385521691	1.2385521691e+1
89.68	12.386902925	1.2386902925e+1
89.69	12.388284158	1.2388284158e+1
89.7	12.389665392	1.2389665392e+1
89.71	12.391046626	1.2391046626e+1
89.72	12.392427859	1.2392427859e+1
89.73	12.393809093	1.2393809093e+1
89.74	12.395190326	1.2395190326e+1
89.75	12.39657156	1.239657156e+1
89.76	12.397952794	1.2397952794e+1
89.77	12.399334027	1.2399334027e+1
89.78	12.400715261	1.2400715261e+1
89.79	12.402096494	1.2402096494e+1
89.8	12.403477728	1.2403477728e+1
89.81	12.404858962	1.2404858962e+1
89.82	12.406240195	1.2406240195e+1

89.83	12.407621429	1.2407621429e+1
89.84	12.409002662	1.2409002662e+1
89.85	12.410383896	1.2410383896e+1
89.86	12.41176513	1.241176513e+1
89.87	12.413146363	1.2413146363e+1
89.88	12.414527597	1.2414527597e+1
89.89	12.41590883	1.241590883e+1
89.9	12.417290064	1.2417290064e+1
89.91	12.418671298	1.2418671298e+1
89.92	12.420052531	1.2420052531e+1
89.93	12.421433765	1.2421433765e+1
89.94	12.422814998	1.2422814998e+1
89.95	12.424196232	1.2424196232e+1
89.96	12.425577466	1.2425577466e+1
89.97	12.426958699	1.2426958699e+1
89.98	12.428339933	1.2428339933e+1
89.99	12.429721166	1.2429721166e+1
90	12.4311024	1.24311024e+1
90.01	12.432483634	1.2432483634e+1
90.02	12.433864867	1.2433864867e+1
90.03	12.435246101	1.2435246101e+1
90.04	12.436627334	1.2436627334e+1
90.05	12.438008568	1.2438008568e+1
90.06	12.439389802	1.2439389802e+1
90.07	12.440771035	1.2440771035e+1
90.08	12.442152269	1.2442152269e+1
90.09	12.443533502	1.2443533502e+1
90.1	12.444914736	1.2444914736e+1
90.11	12.44629597	1.244629597e+1
90.12	12.447677203	1.2447677203e+1
90.13	12.449058437	1.2449058437e+1
90.14	12.45043967	1.245043967e+1
90.15	12.451820904	1.2451820904e+1
90.16	12.453202138	1.2453202138e+1
90.17	12.454583371	1.2454583371e+1
90.18	12.455964605	1.2455964605e+1
90.19	12.457345838	1.2457345838e+1
90.2	12.458727072	1.2458727072e+1

90.21	12.460108306	1.2460108306e+1
90.22	12.461489539	1.2461489539e+1
90.23	12.462870773	1.2462870773e+1
90.24	12.464252006	1.2464252006e+1
90.25	12.46563324	1.246563324e+1
90.26	12.467014474	1.2467014474e+1
90.27	12.468395707	1.2468395707e+1
90.28	12.469776941	1.2469776941e+1
90.29	12.471158174	1.2471158174e+1
90.3	12.472539408	1.2472539408e+1
90.31	12.473920642	1.2473920642e+1
90.32	12.475301875	1.2475301875e+1
90.33	12.476683109	1.2476683109e+1
90.34	12.478064342	1.2478064342e+1
90.35	12.479445576	1.2479445576e+1
90.36	12.48082681	1.248082681e+1
90.37	12.482208043	1.2482208043e+1
90.38	12.483589277	1.2483589277e+1
90.39	12.48497051	1.248497051e+1
90.4	12.486351744	1.2486351744e+1
90.41	12.487732978	1.2487732978e+1
90.42	12.489114211	1.2489114211e+1
90.43	12.490495445	1.2490495445e+1
90.44	12.491876678	1.2491876678e+1
90.45	12.493257912	1.2493257912e+1
90.46	12.494639146	1.2494639146e+1
90.47	12.496020379	1.2496020379e+1
90.48	12.497401613	1.2497401613e+1
90.49	12.498782846	1.2498782846e+1
90.5	12.50016408	1.250016408e+1
90.51	12.501545314	1.2501545314e+1
90.52	12.502926547	1.2502926547e+1
90.53	12.504307781	1.2504307781e+1
90.54	12.505689014	1.2505689014e+1
90.55	12.507070248	1.2507070248e+1
90.56	12.508451482	1.2508451482e+1
90.57	12.509832715	1.2509832715e+1
90.58	12.511213949	1.2511213949e+1

90.59	12.512595182	1.2512595182e+1
90.6	12.513976416	1.2513976416e+1
90.61	12.51535765	1.251535765e+1
90.62	12.516738883	1.2516738883e+1
90.63	12.518120117	1.2518120117e+1
90.64	12.51950135	1.251950135e+1
90.65	12.520882584	1.2520882584e+1
90.66	12.522263818	1.2522263818e+1
90.67	12.523645051	1.2523645051e+1
90.68	12.525026285	1.2525026285e+1
90.69	12.526407518	1.2526407518e+1
90.7	12.527788752	1.2527788752e+1
90.71	12.529169986	1.2529169986e+1
90.72	12.530551219	1.2530551219e+1
90.73	12.531932453	1.2531932453e+1
90.74	12.533313686	1.2533313686e+1
90.75	12.53469492	1.253469492e+1
90.76	12.536076154	1.2536076154e+1
90.77	12.537457387	1.2537457387e+1
90.78	12.538838621	1.2538838621e+1
90.79	12.540219854	1.2540219854e+1
90.8	12.541601088	1.2541601088e+1
90.81	12.542982322	1.2542982322e+1
90.82	12.544363555	1.2544363555e+1
90.83	12.545744789	1.2545744789e+1
90.84	12.547126022	1.2547126022e+1
90.85	12.548507256	1.2548507256e+1
90.86	12.54988849	1.254988849e+1
90.87	12.551269723	1.2551269723e+1
90.88	12.552650957	1.2552650957e+1
90.89	12.55403219	1.255403219e+1
90.9	12.555413424	1.2555413424e+1
90.91	12.556794658	1.2556794658e+1
90.92	12.558175891	1.2558175891e+1
90.93	12.559557125	1.2559557125e+1
90.94	12.560938358	1.2560938358e+1
90.95	12.562319592	1.2562319592e+1
90.96	12.563700826	1.2563700826e+1

90.97	12.565082059	1.2565082059e+1
90.98	12.566463293	1.2566463293e+1
90.99	12.567844526	1.2567844526e+1
91	12.56922576	1.256922576e+1
91.01	12.570606994	1.2570606994e+1
91.02	12.571988227	1.2571988227e+1
91.03	12.573369461	1.2573369461e+1
91.04	12.574750694	1.2574750694e+1
91.05	12.576131928	1.2576131928e+1
91.06	12.577513162	1.2577513162e+1
91.07	12.578894395	1.2578894395e+1
91.08	12.580275629	1.2580275629e+1
91.09	12.581656862	1.2581656862e+1
91.1	12.583038096	1.2583038096e+1
91.11	12.58441933	1.258441933e+1
91.12	12.585800563	1.2585800563e+1
91.13	12.587181797	1.2587181797e+1
91.14	12.58856303	1.258856303e+1
91.15	12.589944264	1.2589944264e+1
91.16	12.591325498	1.2591325498e+1
91.17	12.592706731	1.2592706731e+1
91.18	12.594087965	1.2594087965e+1
91.19	12.595469198	1.2595469198e+1
91.2	12.596850432	1.2596850432e+1
91.21	12.598231666	1.2598231666e+1
91.22	12.599612899	1.2599612899e+1
91.23	12.600994133	1.2600994133e+1
91.24	12.602375366	1.2602375366e+1
91.25	12.6037566	1.26037566e+1
91.26	12.605137834	1.2605137834e+1
91.27	12.606519067	1.2606519067e+1
91.28	12.607900301	1.2607900301e+1
91.29	12.609281534	1.2609281534e+1
91.3	12.610662768	1.2610662768e+1
91.31	12.612044002	1.2612044002e+1
91.32	12.613425235	1.2613425235e+1
91.33	12.614806469	1.2614806469e+1
91.34	12.616187702	1.2616187702e+1

91.35	12.617568936	1.2617568936e+1
91.36	12.61895017	1.261895017e+1
91.37	12.620331403	1.2620331403e+1
91.38	12.621712637	1.2621712637e+1
91.39	12.62309387	1.262309387e+1
91.4	12.624475104	1.2624475104e+1
91.41	12.625856338	1.2625856338e+1
91.42	12.627237571	1.2627237571e+1
91.43	12.628618805	1.2628618805e+1
91.44	12.630000038	1.2630000038e+1
91.45	12.631381272	1.2631381272e+1
91.46	12.632762506	1.2632762506e+1
91.47	12.634143739	1.2634143739e+1
91.48	12.635524973	1.2635524973e+1
91.49	12.636906206	1.2636906206e+1
91.5	12.63828744	1.263828744e+1
91.51	12.639668674	1.2639668674e+1
91.52	12.641049907	1.2641049907e+1
91.53	12.642431141	1.2642431141e+1
91.54	12.643812374	1.2643812374e+1
91.55	12.645193608	1.2645193608e+1
91.56	12.646574842	1.2646574842e+1
91.57	12.647956075	1.2647956075e+1
91.58	12.649337309	1.2649337309e+1
91.59	12.650718542	1.2650718542e+1
91.6	12.652099776	1.2652099776e+1
91.61	12.65348101	1.265348101e+1
91.62	12.654862243	1.2654862243e+1
91.63	12.656243477	1.2656243477e+1
91.64	12.65762471	1.265762471e+1
91.65	12.659005944	1.2659005944e+1
91.66	12.660387178	1.2660387178e+1
91.67	12.661768411	1.2661768411e+1
91.68	12.663149645	1.2663149645e+1
91.69	12.664530878	1.2664530878e+1
91.7	12.665912112	1.2665912112e+1
91.71	12.667293346	1.2667293346e+1
91.72	12.668674579	1.2668674579e+1

91.73	12.670055813	1.2670055813e+1
91.74	12.671437046	1.2671437046e+1
91.75	12.67281828	1.267281828e+1
91.76	12.674199514	1.2674199514e+1
91.77	12.675580747	1.2675580747e+1
91.78	12.676961981	1.2676961981e+1
91.79	12.678343214	1.2678343214e+1
91.8	12.679724448	1.2679724448e+1
91.81	12.681105682	1.2681105682e+1
91.82	12.682486915	1.2682486915e+1
91.83	12.683868149	1.2683868149e+1
91.84	12.685249382	1.2685249382e+1
91.85	12.686630616	1.2686630616e+1
91.86	12.68801185	1.268801185e+1
91.87	12.689393083	1.2689393083e+1
91.88	12.690774317	1.2690774317e+1
91.89	12.69215555	1.269215555e+1
91.9	12.693536784	1.2693536784e+1
91.91	12.694918018	1.2694918018e+1
91.92	12.696299251	1.2696299251e+1
91.93	12.697680485	1.2697680485e+1
91.94	12.699061718	1.2699061718e+1
91.95	12.700442952	1.2700442952e+1
91.96	12.701824186	1.2701824186e+1
91.97	12.703205419	1.2703205419e+1
91.98	12.704586653	1.2704586653e+1
91.99	12.705967886	1.2705967886e+1
92	12.70734912	1.270734912e+1
92.01	12.708730354	1.2708730354e+1
92.02	12.710111587	1.2710111587e+1
92.03	12.711492821	1.2711492821e+1
92.04	12.712874054	1.2712874054e+1
92.05	12.714255288	1.2714255288e+1
92.06	12.715636522	1.2715636522e+1
92.07	12.717017755	1.2717017755e+1
92.08	12.718398989	1.2718398989e+1
92.09	12.719780222	1.2719780222e+1
92.1	12.721161456	1.2721161456e+1

92.11	12.72254269	1.272254269e+1
92.12	12.723923923	1.2723923923e+1
92.13	12.725305157	1.2725305157e+1
92.14	12.72668639	1.272668639e+1
92.15	12.728067624	1.2728067624e+1
92.16	12.729448858	1.2729448858e+1
92.17	12.730830091	1.2730830091e+1
92.18	12.732211325	1.2732211325e+1
92.19	12.733592558	1.2733592558e+1
92.2	12.734973792	1.2734973792e+1
92.21	12.736355026	1.2736355026e+1
92.22	12.737736259	1.2737736259e+1
92.23	12.739117493	1.2739117493e+1
92.24	12.740498726	1.2740498726e+1
92.25	12.74187996	1.274187996e+1
92.26	12.743261194	1.2743261194e+1
92.27	12.744642427	1.2744642427e+1
92.28	12.746023661	1.2746023661e+1
92.29	12.747404894	1.2747404894e+1
92.3	12.748786128	1.2748786128e+1
92.31	12.750167362	1.2750167362e+1
92.32	12.751548595	1.2751548595e+1
92.33	12.752929829	1.2752929829e+1
92.34	12.754311062	1.2754311062e+1
92.35	12.755692296	1.2755692296e+1
92.36	12.75707353	1.275707353e+1
92.37	12.758454763	1.2758454763e+1
92.38	12.759835997	1.2759835997e+1
92.39	12.76121723	1.276121723e+1
92.4	12.762598464	1.2762598464e+1
92.41	12.763979698	1.2763979698e+1
92.42	12.765360931	1.2765360931e+1
92.43	12.766742165	1.2766742165e+1
92.44	12.768123398	1.2768123398e+1
92.45	12.769504632	1.2769504632e+1
92.46	12.770885866	1.2770885866e+1
92.47	12.772267099	1.2772267099e+1
92.48	12.773648333	1.2773648333e+1

92.49	12.775029566	1.2775029566e+1
92.5	12.7764108	1.27764108e+1
92.51	12.777792034	1.2777792034e+1
92.52	12.779173267	1.2779173267e+1
92.53	12.780554501	1.2780554501e+1
92.54	12.781935734	1.2781935734e+1
92.55	12.783316968	1.2783316968e+1
92.56	12.784698202	1.2784698202e+1
92.57	12.786079435	1.2786079435e+1
92.58	12.787460669	1.2787460669e+1
92.59	12.788841902	1.2788841902e+1
92.6	12.790223136	1.2790223136e+1
92.61	12.79160437	1.279160437e+1
92.62	12.792985603	1.2792985603e+1
92.63	12.794366837	1.2794366837e+1
92.64	12.79574807	1.279574807e+1
92.65	12.797129304	1.2797129304e+1
92.66	12.798510538	1.2798510538e+1
92.67	12.799891771	1.2799891771e+1
92.68	12.801273005	1.2801273005e+1
92.69	12.802654238	1.2802654238e+1
92.7	12.804035472	1.2804035472e+1
92.71	12.805416706	1.2805416706e+1
92.72	12.806797939	1.2806797939e+1
92.73	12.808179173	1.2808179173e+1
92.74	12.809560406	1.2809560406e+1
92.75	12.81094164	1.281094164e+1
92.76	12.812322874	1.2812322874e+1
92.77	12.813704107	1.2813704107e+1
92.78	12.815085341	1.2815085341e+1
92.79	12.816466574	1.2816466574e+1
92.8	12.817847808	1.2817847808e+1
92.81	12.819229042	1.2819229042e+1
92.82	12.820610275	1.2820610275e+1
92.83	12.821991509	1.2821991509e+1
92.84	12.823372742	1.2823372742e+1
92.85	12.824753976	1.2824753976e+1
92.86	12.82613521	1.282613521e+1

92.87	12.827516443	1.2827516443e+1
92.88	12.828897677	1.2828897677e+1
92.89	12.83027891	1.283027891e+1
92.9	12.831660144	1.2831660144e+1
92.91	12.833041378	1.2833041378e+1
92.92	12.834422611	1.2834422611e+1
92.93	12.835803845	1.2835803845e+1
92.94	12.837185078	1.2837185078e+1
92.95	12.838566312	1.2838566312e+1
92.96	12.839947546	1.2839947546e+1
92.97	12.841328779	1.2841328779e+1
92.98	12.842710013	1.2842710013e+1
92.99	12.844091246	1.2844091246e+1
93	12.84547248	1.284547248e+1
93.01	12.846853714	1.2846853714e+1
93.02	12.848234947	1.2848234947e+1
93.03	12.849616181	1.2849616181e+1
93.04	12.850997414	1.2850997414e+1
93.05	12.852378648	1.2852378648e+1
93.06	12.853759882	1.2853759882e+1
93.07	12.855141115	1.2855141115e+1
93.08	12.856522349	1.2856522349e+1
93.09	12.857903582	1.2857903582e+1
93.1	12.859284816	1.2859284816e+1
93.11	12.86066605	1.286066605e+1
93.12	12.862047283	1.2862047283e+1
93.13	12.863428517	1.2863428517e+1
93.14	12.86480975	1.286480975e+1
93.15	12.866190984	1.2866190984e+1
93.16	12.867572218	1.2867572218e+1
93.17	12.868953451	1.2868953451e+1
93.18	12.870334685	1.2870334685e+1
93.19	12.871715918	1.2871715918e+1
93.2	12.873097152	1.2873097152e+1
93.21	12.874478386	1.2874478386e+1
93.22	12.875859619	1.2875859619e+1
93.23	12.877240853	1.2877240853e+1
93.24	12.878622086	1.2878622086e+1

93.25	12.88000332	1.288000332e+1
93.26	12.881384554	1.2881384554e+1
93.27	12.882765787	1.2882765787e+1
93.28	12.884147021	1.2884147021e+1
93.29	12.885528254	1.2885528254e+1
93.3	12.886909488	1.2886909488e+1
93.31	12.888290722	1.2888290722e+1
93.32	12.889671955	1.2889671955e+1
93.33	12.891053189	1.2891053189e+1
93.34	12.892434422	1.2892434422e+1
93.35	12.893815656	1.2893815656e+1
93.36	12.89519689	1.289519689e+1
93.37	12.896578123	1.2896578123e+1
93.38	12.897959357	1.2897959357e+1
93.39	12.89934059	1.289934059e+1
93.4	12.900721824	1.2900721824e+1
93.41	12.902103058	1.2902103058e+1
93.42	12.903484291	1.2903484291e+1
93.43	12.904865525	1.2904865525e+1
93.44	12.906246758	1.2906246758e+1
93.45	12.907627992	1.2907627992e+1
93.46	12.909009226	1.2909009226e+1
93.47	12.910390459	1.2910390459e+1
93.48	12.911771693	1.2911771693e+1
93.49	12.913152926	1.2913152926e+1
93.5	12.91453416	1.291453416e+1
93.51	12.915915394	1.2915915394e+1
93.52	12.917296627	1.2917296627e+1
93.53	12.918677861	1.2918677861e+1
93.54	12.920059094	1.2920059094e+1
93.55	12.921440328	1.2921440328e+1
93.56	12.922821562	1.2922821562e+1
93.57	12.924202795	1.2924202795e+1
93.58	12.925584029	1.2925584029e+1
93.59	12.926965262	1.2926965262e+1
93.6	12.928346496	1.2928346496e+1
93.61	12.92972773	1.292972773e+1
93.62	12.931108963	1.2931108963e+1

93.63	12.932490197	1.2932490197e+1
93.64	12.93387143	1.293387143e+1
93.65	12.935252664	1.2935252664e+1
93.66	12.936633898	1.2936633898e+1
93.67	12.938015131	1.2938015131e+1
93.68	12.939396365	1.2939396365e+1
93.69	12.940777598	1.2940777598e+1
93.7	12.942158832	1.2942158832e+1
93.71	12.943540066	1.2943540066e+1
93.72	12.944921299	1.2944921299e+1
93.73	12.946302533	1.2946302533e+1
93.74	12.947683766	1.2947683766e+1
93.75	12.949065	1.2949065e+1
93.76	12.950446234	1.2950446234e+1
93.77	12.951827467	1.2951827467e+1
93.78	12.953208701	1.2953208701e+1
93.79	12.954589934	1.2954589934e+1
93.8	12.955971168	1.2955971168e+1
93.81	12.957352402	1.2957352402e+1
93.82	12.958733635	1.2958733635e+1
93.83	12.960114869	1.2960114869e+1
93.84	12.961496102	1.2961496102e+1
93.85	12.962877336	1.2962877336e+1
93.86	12.96425857	1.296425857e+1
93.87	12.965639803	1.2965639803e+1
93.88	12.967021037	1.2967021037e+1
93.89	12.96840227	1.296840227e+1
93.9	12.969783504	1.2969783504e+1
93.91	12.971164738	1.2971164738e+1
93.92	12.972545971	1.2972545971e+1
93.93	12.973927205	1.2973927205e+1
93.94	12.975308438	1.2975308438e+1
93.95	12.976689672	1.2976689672e+1
93.96	12.978070906	1.2978070906e+1
93.97	12.979452139	1.2979452139e+1
93.98	12.980833373	1.2980833373e+1
93.99	12.982214606	1.2982214606e+1
94	12.98359584	1.298359584e+1

94.01	12.984977074	1.2984977074e+1
94.02	12.986358307	1.2986358307e+1
94.03	12.987739541	1.2987739541e+1
94.04	12.989120774	1.2989120774e+1
94.05	12.990502008	1.2990502008e+1
94.06	12.991883242	1.2991883242e+1
94.07	12.993264475	1.2993264475e+1
94.08	12.994645709	1.2994645709e+1
94.09	12.996026942	1.2996026942e+1
94.1	12.997408176	1.2997408176e+1
94.11	12.99878941	1.299878941e+1
94.12	13.000170643	1.3000170643e+1
94.13	13.001551877	1.3001551877e+1
94.14	13.00293311	1.300293311e+1
94.15	13.004314344	1.3004314344e+1
94.16	13.005695578	1.3005695578e+1
94.17	13.007076811	1.3007076811e+1
94.18	13.008458045	1.3008458045e+1
94.19	13.009839278	1.3009839278e+1
94.2	13.011220512	1.3011220512e+1
94.21	13.012601746	1.3012601746e+1
94.22	13.013982979	1.3013982979e+1
94.23	13.015364213	1.3015364213e+1
94.24	13.016745446	1.3016745446e+1
94.25	13.01812668	1.301812668e+1
94.26	13.019507914	1.3019507914e+1
94.27	13.020889147	1.3020889147e+1
94.28	13.022270381	1.3022270381e+1
94.29	13.023651614	1.3023651614e+1
94.3	13.025032848	1.3025032848e+1
94.31	13.026414082	1.3026414082e+1
94.32	13.027795315	1.3027795315e+1
94.33	13.029176549	1.3029176549e+1
94.34	13.030557782	1.3030557782e+1
94.35	13.031939016	1.3031939016e+1
94.36	13.03332025	1.303332025e+1
94.37	13.034701483	1.3034701483e+1
94.38	13.036082717	1.3036082717e+1

94.39	13.03746395	1.303746395e+1
94.4	13.038845184	1.3038845184e+1
94.41	13.040226418	1.3040226418e+1
94.42	13.041607651	1.3041607651e+1
94.43	13.042988885	1.3042988885e+1
94.44	13.044370118	1.3044370118e+1
94.45	13.045751352	1.3045751352e+1
94.46	13.047132586	1.3047132586e+1
94.47	13.048513819	1.3048513819e+1
94.48	13.049895053	1.3049895053e+1
94.49	13.051276286	1.3051276286e+1
94.5	13.05265752	1.305265752e+1
94.51	13.054038754	1.3054038754e+1
94.52	13.055419987	1.3055419987e+1
94.53	13.056801221	1.3056801221e+1
94.54	13.058182454	1.3058182454e+1
94.55	13.059563688	1.3059563688e+1
94.56	13.060944922	1.3060944922e+1
94.57	13.062326155	1.3062326155e+1
94.58	13.063707389	1.3063707389e+1
94.59	13.065088622	1.3065088622e+1
94.6	13.066469856	1.3066469856e+1
94.61	13.06785109	1.306785109e+1
94.62	13.069232323	1.3069232323e+1
94.63	13.070613557	1.3070613557e+1
94.64	13.07199479	1.307199479e+1
94.65	13.073376024	1.3073376024e+1
94.66	13.074757258	1.3074757258e+1
94.67	13.076138491	1.3076138491e+1
94.68	13.077519725	1.3077519725e+1
94.69	13.078900958	1.3078900958e+1
94.7	13.080282192	1.3080282192e+1
94.71	13.081663426	1.3081663426e+1
94.72	13.083044659	1.3083044659e+1
94.73	13.084425893	1.3084425893e+1
94.74	13.085807126	1.3085807126e+1
94.75	13.08718836	1.308718836e+1
94.76	13.088569594	1.3088569594e+1

94.77	13.089950827	1.3089950827e+1
94.78	13.091332061	1.3091332061e+1
94.79	13.092713294	1.3092713294e+1
94.8	13.094094528	1.3094094528e+1
94.81	13.095475762	1.3095475762e+1
94.82	13.096856995	1.3096856995e+1
94.83	13.098238229	1.3098238229e+1
94.84	13.099619462	1.3099619462e+1
94.85	13.101000696	1.3101000696e+1
94.86	13.10238193	1.310238193e+1
94.87	13.103763163	1.3103763163e+1
94.88	13.105144397	1.3105144397e+1
94.89	13.10652563	1.310652563e+1
94.9	13.107906864	1.3107906864e+1
94.91	13.109288098	1.3109288098e+1
94.92	13.110669331	1.3110669331e+1
94.93	13.112050565	1.3112050565e+1
94.94	13.113431798	1.3113431798e+1
94.95	13.114813032	1.3114813032e+1
94.96	13.116194266	1.3116194266e+1
94.97	13.117575499	1.3117575499e+1
94.98	13.118956733	1.3118956733e+1
94.99	13.120337966	1.3120337966e+1
95	13.1217192	1.31217192e+1
95.01	13.123100434	1.3123100434e+1
95.02	13.124481667	1.3124481667e+1
95.03	13.125862901	1.3125862901e+1
95.04	13.127244134	1.3127244134e+1
95.05	13.128625368	1.3128625368e+1
95.06	13.130006602	1.3130006602e+1
95.07	13.131387835	1.3131387835e+1
95.08	13.132769069	1.3132769069e+1
95.09	13.134150302	1.3134150302e+1
95.1	13.135531536	1.3135531536e+1
95.11	13.13691277	1.313691277e+1
95.12	13.138294003	1.3138294003e+1
95.13	13.139675237	1.3139675237e+1
95.14	13.14105647	1.314105647e+1

95.15	13.142437704	1.3142437704e+1
95.16	13.143818938	1.3143818938e+1
95.17	13.145200171	1.3145200171e+1
95.18	13.146581405	1.3146581405e+1
95.19	13.147962638	1.3147962638e+1
95.2	13.149343872	1.3149343872e+1
95.21	13.150725106	1.3150725106e+1
95.22	13.152106339	1.3152106339e+1
95.23	13.153487573	1.3153487573e+1
95.24	13.154868806	1.3154868806e+1
95.25	13.15625004	1.315625004e+1
95.26	13.157631274	1.3157631274e+1
95.27	13.159012507	1.3159012507e+1
95.28	13.160393741	1.3160393741e+1
95.29	13.161774974	1.3161774974e+1
95.3	13.163156208	1.3163156208e+1
95.31	13.164537442	1.3164537442e+1
95.32	13.165918675	1.3165918675e+1
95.33	13.167299909	1.3167299909e+1
95.34	13.168681142	1.3168681142e+1
95.35	13.170062376	1.3170062376e+1
95.36	13.17144361	1.317144361e+1
95.37	13.172824843	1.3172824843e+1
95.38	13.174206077	1.3174206077e+1
95.39	13.17558731	1.317558731e+1
95.4	13.176968544	1.3176968544e+1
95.41	13.178349778	1.3178349778e+1
95.42	13.179731011	1.3179731011e+1
95.43	13.181112245	1.3181112245e+1
95.44	13.182493478	1.3182493478e+1
95.45	13.183874712	1.3183874712e+1
95.46	13.185255946	1.3185255946e+1
95.47	13.186637179	1.3186637179e+1
95.48	13.188018413	1.3188018413e+1
95.49	13.189399646	1.3189399646e+1
95.5	13.19078088	1.319078088e+1
95.51	13.192162114	1.3192162114e+1
95.52	13.193543347	1.3193543347e+1

95.53	13.194924581	1.3194924581e+1
95.54	13.196305814	1.3196305814e+1
95.55	13.197687048	1.3197687048e+1
95.56	13.199068282	1.3199068282e+1
95.57	13.200449515	1.3200449515e+1
95.58	13.201830749	1.3201830749e+1
95.59	13.203211982	1.3203211982e+1
95.6	13.204593216	1.3204593216e+1
95.61	13.20597445	1.320597445e+1
95.62	13.207355683	1.3207355683e+1
95.63	13.208736917	1.3208736917e+1
95.64	13.21011815	1.321011815e+1
95.65	13.211499384	1.3211499384e+1
95.66	13.212880618	1.3212880618e+1
95.67	13.214261851	1.3214261851e+1
95.68	13.215643085	1.3215643085e+1
95.69	13.217024318	1.3217024318e+1
95.7	13.218405552	1.3218405552e+1
95.71	13.219786786	1.3219786786e+1
95.72	13.221168019	1.3221168019e+1
95.73	13.222549253	1.3222549253e+1
95.74	13.223930486	1.3223930486e+1
95.75	13.22531172	1.322531172e+1
95.76	13.226692954	1.3226692954e+1
95.77	13.228074187	1.3228074187e+1
95.78	13.229455421	1.3229455421e+1
95.79	13.230836654	1.3230836654e+1
95.8	13.232217888	1.3232217888e+1
95.81	13.233599122	1.3233599122e+1
95.82	13.234980355	1.3234980355e+1
95.83	13.236361589	1.3236361589e+1
95.84	13.237742822	1.3237742822e+1
95.85	13.239124056	1.3239124056e+1
95.86	13.24050529	1.324050529e+1
95.87	13.241886523	1.3241886523e+1
95.88	13.243267757	1.3243267757e+1
95.89	13.24464899	1.324464899e+1
95.9	13.246030224	1.3246030224e+1

95.91	13.247411458	1.3247411458e+1
95.92	13.248792691	1.3248792691e+1
95.93	13.250173925	1.3250173925e+1
95.94	13.251555158	1.3251555158e+1
95.95	13.252936392	1.3252936392e+1
95.96	13.254317626	1.3254317626e+1
95.97	13.255698859	1.3255698859e+1
95.98	13.257080093	1.3257080093e+1
95.99	13.258461326	1.3258461326e+1
96	13.25984256	1.325984256e+1
96.01	13.261223794	1.3261223794e+1
96.02	13.262605027	1.3262605027e+1
96.03	13.263986261	1.3263986261e+1
96.04	13.265367494	1.3265367494e+1
96.05	13.266748728	1.3266748728e+1
96.06	13.268129962	1.3268129962e+1
96.07	13.269511195	1.3269511195e+1
96.08	13.270892429	1.3270892429e+1
96.09	13.272273662	1.3272273662e+1
96.1	13.273654896	1.3273654896e+1
96.11	13.27503613	1.327503613e+1
96.12	13.276417363	1.3276417363e+1
96.13	13.277798597	1.3277798597e+1
96.14	13.27917983	1.327917983e+1
96.15	13.280561064	1.3280561064e+1
96.16	13.281942298	1.3281942298e+1
96.17	13.283323531	1.3283323531e+1
96.18	13.284704765	1.3284704765e+1
96.19	13.286085998	1.3286085998e+1
96.2	13.287467232	1.3287467232e+1
96.21	13.288848466	1.3288848466e+1
96.22	13.290229699	1.3290229699e+1
96.23	13.291610933	1.3291610933e+1
96.24	13.292992166	1.3292992166e+1
96.25	13.2943734	1.32943734e+1
96.26	13.295754634	1.3295754634e+1
96.27	13.297135867	1.3297135867e+1
96.28	13.298517101	1.3298517101e+1

96.29	13.299898334	1.3299898334e+1
96.3	13.301279568	1.3301279568e+1
96.31	13.302660802	1.3302660802e+1
96.32	13.304042035	1.3304042035e+1
96.33	13.305423269	1.3305423269e+1
96.34	13.306804502	1.3306804502e+1
96.35	13.308185736	1.3308185736e+1
96.36	13.30956697	1.330956697e+1
96.37	13.310948203	1.3310948203e+1
96.38	13.312329437	1.3312329437e+1
96.39	13.31371067	1.331371067e+1
96.4	13.315091904	1.3315091904e+1
96.41	13.316473138	1.3316473138e+1
96.42	13.317854371	1.3317854371e+1
96.43	13.319235605	1.3319235605e+1
96.44	13.320616838	1.3320616838e+1
96.45	13.321998072	1.3321998072e+1
96.46	13.323379306	1.3323379306e+1
96.47	13.324760539	1.3324760539e+1
96.48	13.326141773	1.3326141773e+1
96.49	13.327523006	1.3327523006e+1
96.5	13.32890424	1.332890424e+1
96.51	13.330285474	1.3330285474e+1
96.52	13.331666707	1.3331666707e+1
96.53	13.333047941	1.3333047941e+1
96.54	13.334429174	1.3334429174e+1
96.55	13.335810408	1.3335810408e+1
96.56	13.337191642	1.3337191642e+1
96.57	13.338572875	1.3338572875e+1
96.58	13.339954109	1.3339954109e+1
96.59	13.341335342	1.3341335342e+1
96.6	13.342716576	1.3342716576e+1
96.61	13.34409781	1.334409781e+1
96.62	13.345479043	1.3345479043e+1
96.63	13.346860277	1.3346860277e+1
96.64	13.34824151	1.334824151e+1
96.65	13.349622744	1.3349622744e+1
96.66	13.351003978	1.3351003978e+1

96.67	13.352385211	1.3352385211e+1
96.68	13.353766445	1.3353766445e+1
96.69	13.355147678	1.3355147678e+1
96.7	13.356528912	1.3356528912e+1
96.71	13.357910146	1.3357910146e+1
96.72	13.359291379	1.3359291379e+1
96.73	13.360672613	1.3360672613e+1
96.74	13.362053846	1.3362053846e+1
96.75	13.36343508	1.336343508e+1
96.76	13.364816314	1.3364816314e+1
96.77	13.366197547	1.3366197547e+1
96.78	13.367578781	1.3367578781e+1
96.79	13.368960014	1.3368960014e+1
96.8	13.370341248	1.3370341248e+1
96.81	13.371722482	1.3371722482e+1
96.82	13.373103715	1.3373103715e+1
96.83	13.374484949	1.3374484949e+1
96.84	13.375866182	1.3375866182e+1
96.85	13.377247416	1.3377247416e+1
96.86	13.37862865	1.337862865e+1
96.87	13.380009883	1.3380009883e+1
96.88	13.381391117	1.3381391117e+1
96.89	13.38277235	1.338277235e+1
96.9	13.384153584	1.3384153584e+1
96.91	13.385534818	1.3385534818e+1
96.92	13.386916051	1.3386916051e+1
96.93	13.388297285	1.3388297285e+1
96.94	13.389678518	1.3389678518e+1
96.95	13.391059752	1.3391059752e+1
96.96	13.392440986	1.3392440986e+1
96.97	13.393822219	1.3393822219e+1
96.98	13.395203453	1.3395203453e+1
96.99	13.396584686	1.3396584686e+1
97	13.39796592	1.339796592e+1
97.01	13.399347154	1.3399347154e+1
97.02	13.400728387	1.3400728387e+1
97.03	13.402109621	1.3402109621e+1
97.04	13.403490854	1.3403490854e+1

97.05	13.404872088	1.3404872088e+1
97.06	13.406253322	1.3406253322e+1
97.07	13.407634555	1.3407634555e+1
97.08	13.409015789	1.3409015789e+1
97.09	13.410397022	1.3410397022e+1
97.1	13.411778256	1.3411778256e+1
97.11	13.41315949	1.341315949e+1
97.12	13.414540723	1.3414540723e+1
97.13	13.415921957	1.3415921957e+1
97.14	13.41730319	1.341730319e+1
97.15	13.418684424	1.3418684424e+1
97.16	13.420065658	1.3420065658e+1
97.17	13.421446891	1.3421446891e+1
97.18	13.422828125	1.3422828125e+1
97.19	13.424209358	1.3424209358e+1
97.2	13.425590592	1.3425590592e+1
97.21	13.426971826	1.3426971826e+1
97.22	13.428353059	1.3428353059e+1
97.23	13.429734293	1.3429734293e+1
97.24	13.431115526	1.3431115526e+1
97.25	13.43249676	1.343249676e+1
97.26	13.433877994	1.3433877994e+1
97.27	13.435259227	1.3435259227e+1
97.28	13.436640461	1.3436640461e+1
97.29	13.438021694	1.3438021694e+1
97.3	13.439402928	1.3439402928e+1
97.31	13.440784162	1.3440784162e+1
97.32	13.442165395	1.3442165395e+1
97.33	13.443546629	1.3443546629e+1
97.34	13.444927862	1.3444927862e+1
97.35	13.446309096	1.3446309096e+1
97.36	13.44769033	1.344769033e+1
97.37	13.449071563	1.3449071563e+1
97.38	13.450452797	1.3450452797e+1
97.39	13.45183403	1.345183403e+1
97.4	13.453215264	1.3453215264e+1
97.41	13.454596498	1.3454596498e+1
97.42	13.455977731	1.3455977731e+1

97.43	13.457358965	1.3457358965e+1
97.44	13.458740198	1.3458740198e+1
97.45	13.460121432	1.3460121432e+1
97.46	13.461502666	1.3461502666e+1
97.47	13.462883899	1.3462883899e+1
97.48	13.464265133	1.3464265133e+1
97.49	13.465646366	1.3465646366e+1
97.5	13.4670276	1.34670276e+1
97.51	13.468408834	1.3468408834e+1
97.52	13.469790067	1.3469790067e+1
97.53	13.471171301	1.3471171301e+1
97.54	13.472552534	1.3472552534e+1
97.55	13.473933768	1.3473933768e+1
97.56	13.475315002	1.3475315002e+1
97.57	13.476696235	1.3476696235e+1
97.58	13.478077469	1.3478077469e+1
97.59	13.479458702	1.3479458702e+1
97.6	13.480839936	1.3480839936e+1
97.61	13.48222117	1.348222117e+1
97.62	13.483602403	1.3483602403e+1
97.63	13.484983637	1.3484983637e+1
97.64	13.48636487	1.348636487e+1
97.65	13.487746104	1.3487746104e+1
97.66	13.489127338	1.3489127338e+1
97.67	13.490508571	1.3490508571e+1
97.68	13.491889805	1.3491889805e+1
97.69	13.493271038	1.3493271038e+1
97.7	13.494652272	1.3494652272e+1
97.71	13.496033506	1.3496033506e+1
97.72	13.497414739	1.3497414739e+1
97.73	13.498795973	1.3498795973e+1
97.74	13.500177206	1.3500177206e+1
97.75	13.50155844	1.350155844e+1
97.76	13.502939674	1.3502939674e+1
97.77	13.504320907	1.3504320907e+1
97.78	13.505702141	1.3505702141e+1
97.79	13.507083374	1.3507083374e+1
97.8	13.508464608	1.3508464608e+1

97.81	13.509845842	1.3509845842e+1
97.82	13.511227075	1.3511227075e+1
97.83	13.512608309	1.3512608309e+1
97.84	13.513989542	1.3513989542e+1
97.85	13.515370776	1.3515370776e+1
97.86	13.51675201	1.351675201e+1
97.87	13.518133243	1.3518133243e+1
97.88	13.519514477	1.3519514477e+1
97.89	13.52089571	1.352089571e+1
97.9	13.522276944	1.3522276944e+1
97.91	13.523658178	1.3523658178e+1
97.92	13.525039411	1.3525039411e+1
97.93	13.526420645	1.3526420645e+1
97.94	13.527801878	1.3527801878e+1
97.95	13.529183112	1.3529183112e+1
97.96	13.530564346	1.3530564346e+1
97.97	13.531945579	1.3531945579e+1
97.98	13.533326813	1.3533326813e+1
97.99	13.534708046	1.3534708046e+1
98	13.53608928	1.353608928e+1
98.01	13.537470514	1.3537470514e+1
98.02	13.538851747	1.3538851747e+1
98.03	13.540232981	1.3540232981e+1
98.04	13.541614214	1.3541614214e+1
98.05	13.542995448	1.3542995448e+1
98.06	13.544376682	1.3544376682e+1
98.07	13.545757915	1.3545757915e+1
98.08	13.547139149	1.3547139149e+1
98.09	13.548520382	1.3548520382e+1
98.1	13.549901616	1.3549901616e+1
98.11	13.55128285	1.355128285e+1
98.12	13.552664083	1.3552664083e+1
98.13	13.554045317	1.3554045317e+1
98.14	13.55542655	1.355542655e+1
98.15	13.556807784	1.3556807784e+1
98.16	13.558189018	1.3558189018e+1
98.17	13.559570251	1.3559570251e+1
98.18	13.560951485	1.3560951485e+1

98.19	13.562332718	1.3562332718e+1
98.2	13.563713952	1.3563713952e+1
98.21	13.565095186	1.3565095186e+1
98.22	13.566476419	1.3566476419e+1
98.23	13.567857653	1.3567857653e+1
98.24	13.569238886	1.3569238886e+1
98.25	13.57062012	1.357062012e+1
98.26	13.572001354	1.3572001354e+1
98.27	13.573382587	1.3573382587e+1
98.28	13.574763821	1.3574763821e+1
98.29	13.576145054	1.3576145054e+1
98.3	13.577526288	1.3577526288e+1
98.31	13.578907522	1.3578907522e+1
98.32	13.580288755	1.3580288755e+1
98.33	13.581669989	1.3581669989e+1
98.34	13.583051222	1.3583051222e+1
98.35	13.584432456	1.3584432456e+1
98.36	13.58581369	1.358581369e+1
98.37	13.587194923	1.3587194923e+1
98.38	13.588576157	1.3588576157e+1
98.39	13.58995739	1.358995739e+1
98.4	13.591338624	1.3591338624e+1
98.41	13.592719858	1.3592719858e+1
98.42	13.594101091	1.3594101091e+1
98.43	13.595482325	1.3595482325e+1
98.44	13.596863558	1.3596863558e+1
98.45	13.598244792	1.3598244792e+1
98.46	13.599626026	1.3599626026e+1
98.47	13.601007259	1.3601007259e+1
98.48	13.602388493	1.3602388493e+1
98.49	13.603769726	1.3603769726e+1
98.5	13.60515096	1.360515096e+1
98.51	13.606532194	1.3606532194e+1
98.52	13.607913427	1.3607913427e+1
98.53	13.609294661	1.3609294661e+1
98.54	13.610675894	1.3610675894e+1
98.55	13.612057128	1.3612057128e+1
98.56	13.613438362	1.3613438362e+1

98.57	13.614819595	1.3614819595e+1
98.58	13.616200829	1.3616200829e+1
98.59	13.617582062	1.3617582062e+1
98.6	13.618963296	1.3618963296e+1
98.61	13.62034453	1.362034453e+1
98.62	13.621725763	1.3621725763e+1
98.63	13.623106997	1.3623106997e+1
98.64	13.62448823	1.362448823e+1
98.65	13.625869464	1.3625869464e+1
98.66	13.627250698	1.3627250698e+1
98.67	13.628631931	1.3628631931e+1
98.68	13.630013165	1.3630013165e+1
98.69	13.631394398	1.3631394398e+1
98.7	13.632775632	1.3632775632e+1
98.71	13.634156866	1.3634156866e+1
98.72	13.635538099	1.3635538099e+1
98.73	13.636919333	1.3636919333e+1
98.74	13.638300566	1.3638300566e+1
98.75	13.6396818	1.36396818e+1
98.76	13.641063034	1.3641063034e+1
98.77	13.642444267	1.3642444267e+1
98.78	13.643825501	1.3643825501e+1
98.79	13.645206734	1.3645206734e+1
98.8	13.646587968	1.3646587968e+1
98.81	13.647969202	1.3647969202e+1
98.82	13.649350435	1.3649350435e+1
98.83	13.650731669	1.3650731669e+1
98.84	13.652112902	1.3652112902e+1
98.85	13.653494136	1.3653494136e+1
98.86	13.65487537	1.365487537e+1
98.87	13.656256603	1.3656256603e+1
98.88	13.657637837	1.3657637837e+1
98.89	13.65901907	1.365901907e+1
98.9	13.660400304	1.3660400304e+1
98.91	13.661781538	1.3661781538e+1
98.92	13.663162771	1.3663162771e+1
98.93	13.664544005	1.3664544005e+1
98.94	13.665925238	1.3665925238e+1

98.95	13.667306472	1.3667306472e+1
98.96	13.668687706	1.3668687706e+1
98.97	13.670068939	1.3670068939e+1
98.98	13.671450173	1.3671450173e+1
98.99	13.672831406	1.3672831406e+1
99	13.67421264	1.367421264e+1
99.01	13.675593874	1.3675593874e+1
99.02	13.676975107	1.3676975107e+1
99.03	13.678356341	1.3678356341e+1
99.04	13.679737574	1.3679737574e+1
99.05	13.681118808	1.3681118808e+1
99.06	13.682500042	1.3682500042e+1
99.07	13.683881275	1.3683881275e+1
99.08	13.685262509	1.3685262509e+1
99.09	13.686643742	1.3686643742e+1
99.1	13.688024976	1.3688024976e+1
99.11	13.68940621	1.368940621e+1
99.12	13.690787443	1.3690787443e+1
99.13	13.692168677	1.3692168677e+1
99.14	13.69354991	1.369354991e+1
99.15	13.694931144	1.3694931144e+1
99.16	13.696312378	1.3696312378e+1
99.17	13.697693611	1.3697693611e+1
99.18	13.699074845	1.3699074845e+1
99.19	13.700456078	1.3700456078e+1
99.2	13.701837312	1.3701837312e+1
99.21	13.703218546	1.3703218546e+1
99.22	13.704599779	1.3704599779e+1
99.23	13.705981013	1.3705981013e+1
99.24	13.707362246	1.3707362246e+1
99.25	13.70874348	1.370874348e+1
99.26	13.710124714	1.3710124714e+1
99.27	13.711505947	1.3711505947e+1
99.28	13.712887181	1.3712887181e+1
99.29	13.714268414	1.3714268414e+1
99.3	13.715649648	1.3715649648e+1
99.31	13.717030882	1.3717030882e+1
99.32	13.718412115	1.3718412115e+1

99.33	13.719793349	1.3719793349e+1
99.34	13.721174582	1.3721174582e+1
99.35	13.722555816	1.3722555816e+1
99.36	13.72393705	1.372393705e+1
99.37	13.725318283	1.3725318283e+1
99.38	13.726699517	1.3726699517e+1
99.39	13.72808075	1.372808075e+1
99.4	13.729461984	1.3729461984e+1
99.41	13.730843218	1.3730843218e+1
99.42	13.732224451	1.3732224451e+1
99.43	13.733605685	1.3733605685e+1
99.44	13.734986918	1.3734986918e+1
99.45	13.736368152	1.3736368152e+1
99.46	13.737749386	1.3737749386e+1
99.47	13.739130619	1.3739130619e+1
99.48	13.740511853	1.3740511853e+1
99.49	13.741893086	1.3741893086e+1
99.5	13.74327432	1.374327432e+1
99.51	13.744655554	1.3744655554e+1
99.52	13.746036787	1.3746036787e+1
99.53	13.747418021	1.3747418021e+1
99.54	13.748799254	1.3748799254e+1
99.55	13.750180488	1.3750180488e+1
99.56	13.751561722	1.3751561722e+1
99.57	13.752942955	1.3752942955e+1
99.58	13.754324189	1.3754324189e+1
99.59	13.755705422	1.3755705422e+1
99.6	13.757086656	1.3757086656e+1
99.61	13.75846789	1.375846789e+1
99.62	13.759849123	1.3759849123e+1
99.63	13.761230357	1.3761230357e+1
99.64	13.76261159	1.376261159e+1
99.65	13.763992824	1.3763992824e+1
99.66	13.765374058	1.3765374058e+1
99.67	13.766755291	1.3766755291e+1
99.68	13.768136525	1.3768136525e+1
99.69	13.769517758	1.3769517758e+1
99.7	13.770898992	1.3770898992e+1

99.71	13.772280226	1.3772280226e+1
99.72	13.773661459	1.3773661459e+1
99.73	13.775042693	1.3775042693e+1
99.74	13.776423926	1.3776423926e+1
99.75	13.77780516	1.377780516e+1
99.76	13.779186394	1.3779186394e+1
99.77	13.780567627	1.3780567627e+1
99.78	13.781948861	1.3781948861e+1
99.79	13.783330094	1.3783330094e+1
99.8	13.784711328	1.3784711328e+1
99.81	13.786092562	1.3786092562e+1
99.82	13.787473795	1.3787473795e+1
99.83	13.788855029	1.3788855029e+1
99.84	13.790236262	1.3790236262e+1
99.85	13.791617496	1.3791617496e+1
99.86	13.79299873	1.379299873e+1
99.87	13.794379963	1.3794379963e+1
99.88	13.795761197	1.3795761197e+1
99.89	13.79714243	1.379714243e+1
99.9	13.798523664	1.3798523664e+1
99.91	13.799904898	1.3799904898e+1
99.92	13.801286131	1.3801286131e+1
99.93	13.802667365	1.3802667365e+1
99.94	13.804048598	1.3804048598e+1
99.95	13.805429832	1.3805429832e+1
99.96	13.806811066	1.3806811066e+1
99.97	13.808192299	1.3808192299e+1
99.98	13.809573533	1.3809573533e+1
99.99	13.810954766	1.3810954766e+1
100	13.812336	1.3812336e+1
100.01	13.813717234	1.3813717234e+1
100.02	13.815098467	1.3815098467e+1
100.03	13.816479701	1.3816479701e+1
100.04	13.817860934	1.3817860934e+1
100.05	13.819242168	1.3819242168e+1
100.06	13.820623402	1.3820623402e+1
100.07	13.822004635	1.3822004635e+1
100.08	13.823385869	1.3823385869e+1

100.09	13.824767102	1.3824767102e+1
100.1	13.826148336	1.3826148336e+1
100.11	13.82752957	1.382752957e+1
100.12	13.828910803	1.3828910803e+1
100.13	13.830292037	1.3830292037e+1
100.14	13.83167327	1.383167327e+1
100.15	13.833054504	1.3833054504e+1
100.16	13.834435738	1.3834435738e+1
100.17	13.835816971	1.3835816971e+1
100.18	13.837198205	1.3837198205e+1
100.19	13.838579438	1.3838579438e+1
100.2	13.839960672	1.3839960672e+1
100.21	13.841341906	1.3841341906e+1
100.22	13.842723139	1.3842723139e+1
100.23	13.844104373	1.3844104373e+1
100.24	13.845485606	1.3845485606e+1
100.25	13.84686684	1.384686684e+1
100.26	13.848248074	1.3848248074e+1
100.27	13.849629307	1.3849629307e+1
100.28	13.851010541	1.3851010541e+1
100.29	13.852391774	1.3852391774e+1
100.3	13.853773008	1.3853773008e+1
100.31	13.855154242	1.3855154242e+1
100.32	13.856535475	1.3856535475e+1
100.33	13.857916709	1.3857916709e+1
100.34	13.859297942	1.3859297942e+1
100.35	13.860679176	1.3860679176e+1
100.36	13.86206041	1.386206041e+1
100.37	13.863441643	1.3863441643e+1
100.38	13.864822877	1.3864822877e+1
100.39	13.86620411	1.386620411e+1
100.4	13.867585344	1.3867585344e+1
100.41	13.868966578	1.3868966578e+1
100.42	13.870347811	1.3870347811e+1
100.43	13.871729045	1.3871729045e+1
100.44	13.873110278	1.3873110278e+1
100.45	13.874491512	1.3874491512e+1
100.46	13.875872746	1.3875872746e+1

100.47	13.877253979	1.3877253979e+1
100.48	13.878635213	1.3878635213e+1
100.49	13.880016446	1.3880016446e+1
100.5	13.88139768	1.388139768e+1
100.51	13.882778914	1.3882778914e+1
100.52	13.884160147	1.3884160147e+1
100.53	13.885541381	1.3885541381e+1
100.54	13.886922614	1.3886922614e+1
100.55	13.888303848	1.3888303848e+1
100.56	13.889685082	1.3889685082e+1
100.57	13.891066315	1.3891066315e+1
100.58	13.892447549	1.3892447549e+1
100.59	13.893828782	1.3893828782e+1
100.6	13.895210016	1.3895210016e+1
100.61	13.89659125	1.389659125e+1
100.62	13.897972483	1.3897972483e+1
100.63	13.899353717	1.3899353717e+1
100.64	13.90073495	1.390073495e+1
100.65	13.902116184	1.3902116184e+1
100.66	13.903497418	1.3903497418e+1
100.67	13.904878651	1.3904878651e+1
100.68	13.906259885	1.3906259885e+1
100.69	13.907641118	1.3907641118e+1
100.7	13.909022352	1.3909022352e+1
100.71	13.910403586	1.3910403586e+1
100.72	13.911784819	1.3911784819e+1
100.73	13.913166053	1.3913166053e+1
100.74	13.914547286	1.3914547286e+1
100.75	13.91592852	1.391592852e+1
100.76	13.917309754	1.3917309754e+1
100.77	13.918690987	1.3918690987e+1
100.78	13.920072221	1.3920072221e+1
100.79	13.921453454	1.3921453454e+1
100.8	13.922834688	1.3922834688e+1
100.81	13.924215922	1.3924215922e+1
100.82	13.925597155	1.3925597155e+1
100.83	13.926978389	1.3926978389e+1
100.84	13.928359622	1.3928359622e+1

100.85	13.929740856	1.3929740856e+1
100.86	13.93112209	1.393112209e+1
100.87	13.932503323	1.3932503323e+1
100.88	13.933884557	1.3933884557e+1
100.89	13.93526579	1.393526579e+1
100.9	13.936647024	1.3936647024e+1
100.91	13.938028258	1.3938028258e+1
100.92	13.939409491	1.3939409491e+1
100.93	13.940790725	1.3940790725e+1
100.94	13.942171958	1.3942171958e+1
100.95	13.943553192	1.3943553192e+1
100.96	13.944934426	1.3944934426e+1
100.97	13.946315659	1.3946315659e+1
100.98	13.947696893	1.3947696893e+1
100.99	13.949078126	1.3949078126e+1
101	13.95045936	1.395045936e+1
101.01	13.951840594	1.3951840594e+1
101.02	13.953221827	1.3953221827e+1
101.03	13.954603061	1.3954603061e+1
101.04	13.955984294	1.3955984294e+1
101.05	13.957365528	1.3957365528e+1
101.06	13.958746762	1.3958746762e+1
101.07	13.960127995	1.3960127995e+1
101.08	13.961509229	1.3961509229e+1
101.09	13.962890462	1.3962890462e+1
101.1	13.964271696	1.3964271696e+1
101.11	13.96565293	1.396565293e+1
101.12	13.967034163	1.3967034163e+1
101.13	13.968415397	1.3968415397e+1
101.14	13.96979663	1.396979663e+1
101.15	13.971177864	1.3971177864e+1
101.16	13.972559098	1.3972559098e+1
101.17	13.973940331	1.3973940331e+1
101.18	13.975321565	1.3975321565e+1
101.19	13.976702798	1.3976702798e+1
101.2	13.978084032	1.3978084032e+1
101.21	13.979465266	1.3979465266e+1
101.22	13.980846499	1.3980846499e+1

101.23	13.982227733	1.3982227733e+1
101.24	13.983608966	1.3983608966e+1
101.25	13.9849902	1.39849902e+1
101.26	13.986371434	1.3986371434e+1
101.27	13.987752667	1.3987752667e+1
101.28	13.989133901	1.3989133901e+1
101.29	13.990515134	1.3990515134e+1
101.3	13.991896368	1.3991896368e+1
101.31	13.993277602	1.3993277602e+1
101.32	13.994658835	1.3994658835e+1
101.33	13.996040069	1.3996040069e+1
101.34	13.997421302	1.3997421302e+1
101.35	13.998802536	1.3998802536e+1
101.36	14.00018377	1.400018377e+1
101.37	14.001565003	1.4001565003e+1
101.38	14.002946237	1.4002946237e+1
101.39	14.00432747	1.400432747e+1
101.4	14.005708704	1.4005708704e+1
101.41	14.007089938	1.4007089938e+1
101.42	14.008471171	1.4008471171e+1
101.43	14.009852405	1.4009852405e+1
101.44	14.011233638	1.4011233638e+1
101.45	14.012614872	1.4012614872e+1
101.46	14.013996106	1.4013996106e+1
101.47	14.015377339	1.4015377339e+1
101.48	14.016758573	1.4016758573e+1
101.49	14.018139806	1.4018139806e+1
101.5	14.01952104	1.401952104e+1
101.51	14.020902274	1.4020902274e+1
101.52	14.022283507	1.4022283507e+1
101.53	14.023664741	1.4023664741e+1
101.54	14.025045974	1.4025045974e+1
101.55	14.026427208	1.4026427208e+1
101.56	14.027808442	1.4027808442e+1
101.57	14.029189675	1.4029189675e+1
101.58	14.030570909	1.4030570909e+1
101.59	14.031952142	1.4031952142e+1
101.6	14.033333376	1.4033333376e+1

101.61	14.03471461	1.403471461e+1
101.62	14.036095843	1.4036095843e+1
101.63	14.037477077	1.4037477077e+1
101.64	14.03885831	1.403885831e+1
101.65	14.040239544	1.4040239544e+1
101.66	14.041620778	1.4041620778e+1
101.67	14.043002011	1.4043002011e+1
101.68	14.044383245	1.4044383245e+1
101.69	14.045764478	1.4045764478e+1
101.7	14.047145712	1.4047145712e+1
101.71	14.048526946	1.4048526946e+1
101.72	14.049908179	1.4049908179e+1
101.73	14.051289413	1.4051289413e+1
101.74	14.052670646	1.4052670646e+1
101.75	14.05405188	1.405405188e+1
101.76	14.055433114	1.4055433114e+1
101.77	14.056814347	1.4056814347e+1
101.78	14.058195581	1.4058195581e+1
101.79	14.059576814	1.4059576814e+1
101.8	14.060958048	1.4060958048e+1
101.81	14.062339282	1.4062339282e+1
101.82	14.063720515	1.4063720515e+1
101.83	14.065101749	1.4065101749e+1
101.84	14.066482982	1.4066482982e+1
101.85	14.067864216	1.4067864216e+1
101.86	14.06924545	1.406924545e+1
101.87	14.070626683	1.4070626683e+1
101.88	14.072007917	1.4072007917e+1
101.89	14.07338915	1.407338915e+1
101.9	14.074770384	1.4074770384e+1
101.91	14.076151618	1.4076151618e+1
101.92	14.077532851	1.4077532851e+1
101.93	14.078914085	1.4078914085e+1
101.94	14.080295318	1.4080295318e+1
101.95	14.081676552	1.4081676552e+1
101.96	14.083057786	1.4083057786e+1
101.97	14.084439019	1.4084439019e+1
101.98	14.085820253	1.4085820253e+1

101.99	14.087201486	1.4087201486e+1
102	14.08858272	1.408858272e+1
102.01	14.089963954	1.4089963954e+1
102.02	14.091345187	1.4091345187e+1
102.03	14.092726421	1.4092726421e+1
102.04	14.094107654	1.4094107654e+1
102.05	14.095488888	1.4095488888e+1
102.06	14.096870122	1.4096870122e+1
102.07	14.098251355	1.4098251355e+1
102.08	14.099632589	1.4099632589e+1
102.09	14.101013822	1.4101013822e+1
102.1	14.102395056	1.4102395056e+1
102.11	14.10377629	1.410377629e+1
102.12	14.105157523	1.4105157523e+1
102.13	14.106538757	1.4106538757e+1
102.14	14.10791999	1.410791999e+1
102.15	14.109301224	1.4109301224e+1
102.16	14.110682458	1.4110682458e+1
102.17	14.112063691	1.4112063691e+1
102.18	14.113444925	1.4113444925e+1
102.19	14.114826158	1.4114826158e+1
102.2	14.116207392	1.4116207392e+1
102.21	14.117588626	1.4117588626e+1
102.22	14.118969859	1.4118969859e+1
102.23	14.120351093	1.4120351093e+1
102.24	14.121732326	1.4121732326e+1
102.25	14.12311356	1.412311356e+1
102.26	14.124494794	1.4124494794e+1
102.27	14.125876027	1.4125876027e+1
102.28	14.127257261	1.4127257261e+1
102.29	14.128638494	1.4128638494e+1
102.3	14.130019728	1.4130019728e+1
102.31	14.131400962	1.4131400962e+1
102.32	14.132782195	1.4132782195e+1
102.33	14.134163429	1.4134163429e+1
102.34	14.135544662	1.4135544662e+1
102.35	14.136925896	1.4136925896e+1
102.36	14.13830713	1.413830713e+1

102.37	14.139688363	1.4139688363e+1
102.38	14.141069597	1.4141069597e+1
102.39	14.14245083	1.414245083e+1
102.4	14.143832064	1.4143832064e+1
102.41	14.145213298	1.4145213298e+1
102.42	14.146594531	1.4146594531e+1
102.43	14.147975765	1.4147975765e+1
102.44	14.149356998	1.4149356998e+1
102.45	14.150738232	1.4150738232e+1
102.46	14.152119466	1.4152119466e+1
102.47	14.153500699	1.4153500699e+1
102.48	14.154881933	1.4154881933e+1
102.49	14.156263166	1.4156263166e+1
102.5	14.1576444	1.41576444e+1
102.51	14.159025634	1.4159025634e+1
102.52	14.160406867	1.4160406867e+1
102.53	14.161788101	1.4161788101e+1
102.54	14.163169334	1.4163169334e+1
102.55	14.164550568	1.4164550568e+1
102.56	14.165931802	1.4165931802e+1
102.57	14.167313035	1.4167313035e+1
102.58	14.168694269	1.4168694269e+1
102.59	14.170075502	1.4170075502e+1
102.6	14.171456736	1.4171456736e+1
102.61	14.17283797	1.417283797e+1
102.62	14.174219203	1.4174219203e+1
102.63	14.175600437	1.4175600437e+1
102.64	14.17698167	1.417698167e+1
102.65	14.178362904	1.4178362904e+1
102.66	14.179744138	1.4179744138e+1
102.67	14.181125371	1.4181125371e+1
102.68	14.182506605	1.4182506605e+1
102.69	14.183887838	1.4183887838e+1
102.7	14.185269072	1.4185269072e+1
102.71	14.186650306	1.4186650306e+1
102.72	14.188031539	1.4188031539e+1
102.73	14.189412773	1.4189412773e+1
102.74	14.190794006	1.4190794006e+1

102.75	14.19217524	1.419217524e+1
102.76	14.193556474	1.4193556474e+1
102.77	14.194937707	1.4194937707e+1
102.78	14.196318941	1.4196318941e+1
102.79	14.197700174	1.4197700174e+1
102.8	14.199081408	1.4199081408e+1
102.81	14.200462642	1.4200462642e+1
102.82	14.201843875	1.4201843875e+1
102.83	14.203225109	1.4203225109e+1
102.84	14.204606342	1.4204606342e+1
102.85	14.205987576	1.4205987576e+1
102.86	14.20736881	1.420736881e+1
102.87	14.208750043	1.4208750043e+1
102.88	14.210131277	1.4210131277e+1
102.89	14.21151251	1.421151251e+1
102.9	14.212893744	1.4212893744e+1
102.91	14.214274978	1.4214274978e+1
102.92	14.215656211	1.4215656211e+1
102.93	14.217037445	1.4217037445e+1
102.94	14.218418678	1.4218418678e+1
102.95	14.219799912	1.4219799912e+1
102.96	14.221181146	1.4221181146e+1
102.97	14.222562379	1.4222562379e+1
102.98	14.223943613	1.4223943613e+1
102.99	14.225324846	1.4225324846e+1
103	14.22670608	1.422670608e+1
103.01	14.228087314	1.4228087314e+1
103.02	14.229468547	1.4229468547e+1
103.03	14.230849781	1.4230849781e+1
103.04	14.232231014	1.4232231014e+1
103.05	14.233612248	1.4233612248e+1
103.06	14.234993482	1.4234993482e+1
103.07	14.236374715	1.4236374715e+1
103.08	14.237755949	1.4237755949e+1
103.09	14.239137182	1.4239137182e+1
103.1	14.240518416	1.4240518416e+1
103.11	14.24189965	1.424189965e+1
103.12	14.243280883	1.4243280883e+1

103.13	14.244662117	1.4244662117e+1
103.14	14.24604335	1.424604335e+1
103.15	14.247424584	1.4247424584e+1
103.16	14.248805818	1.4248805818e+1
103.17	14.250187051	1.4250187051e+1
103.18	14.251568285	1.4251568285e+1
103.19	14.252949518	1.4252949518e+1
103.2	14.254330752	1.4254330752e+1
103.21	14.255711986	1.4255711986e+1
103.22	14.257093219	1.4257093219e+1
103.23	14.258474453	1.4258474453e+1
103.24	14.259855686	1.4259855686e+1
103.25	14.26123692	1.426123692e+1
103.26	14.262618154	1.4262618154e+1
103.27	14.263999387	1.4263999387e+1
103.28	14.265380621	1.4265380621e+1
103.29	14.266761854	1.4266761854e+1
103.3	14.268143088	1.4268143088e+1
103.31	14.269524322	1.4269524322e+1
103.32	14.270905555	1.4270905555e+1
103.33	14.272286789	1.4272286789e+1
103.34	14.273668022	1.4273668022e+1
103.35	14.275049256	1.4275049256e+1
103.36	14.27643049	1.427643049e+1
103.37	14.277811723	1.4277811723e+1
103.38	14.279192957	1.4279192957e+1
103.39	14.28057419	1.428057419e+1
103.4	14.281955424	1.4281955424e+1
103.41	14.283336658	1.4283336658e+1
103.42	14.284717891	1.4284717891e+1
103.43	14.286099125	1.4286099125e+1
103.44	14.287480358	1.4287480358e+1
103.45	14.288861592	1.4288861592e+1
103.46	14.290242826	1.4290242826e+1
103.47	14.291624059	1.4291624059e+1
103.48	14.293005293	1.4293005293e+1
103.49	14.294386526	1.4294386526e+1
103.5	14.29576776	1.429576776e+1

103.51	14.297148994	1.4297148994e+1
103.52	14.298530227	1.4298530227e+1
103.53	14.299911461	1.4299911461e+1
103.54	14.301292694	1.4301292694e+1
103.55	14.302673928	1.4302673928e+1
103.56	14.304055162	1.4304055162e+1
103.57	14.305436395	1.4305436395e+1
103.58	14.306817629	1.4306817629e+1
103.59	14.308198862	1.4308198862e+1
103.6	14.309580096	1.4309580096e+1
103.61	14.31096133	1.431096133e+1
103.62	14.312342563	1.4312342563e+1
103.63	14.313723797	1.4313723797e+1
103.64	14.31510503	1.431510503e+1
103.65	14.316486264	1.4316486264e+1
103.66	14.317867498	1.4317867498e+1
103.67	14.319248731	1.4319248731e+1
103.68	14.320629965	1.4320629965e+1
103.69	14.322011198	1.4322011198e+1
103.7	14.323392432	1.4323392432e+1
103.71	14.324773666	1.4324773666e+1
103.72	14.326154899	1.4326154899e+1
103.73	14.327536133	1.4327536133e+1
103.74	14.328917366	1.4328917366e+1
103.75	14.3302986	1.43302986e+1
103.76	14.331679834	1.4331679834e+1
103.77	14.333061067	1.4333061067e+1
103.78	14.334442301	1.4334442301e+1
103.79	14.335823534	1.4335823534e+1
103.8	14.337204768	1.4337204768e+1
103.81	14.338586002	1.4338586002e+1
103.82	14.339967235	1.4339967235e+1
103.83	14.341348469	1.4341348469e+1
103.84	14.342729702	1.4342729702e+1
103.85	14.344110936	1.4344110936e+1
103.86	14.34549217	1.434549217e+1
103.87	14.346873403	1.4346873403e+1
103.88	14.348254637	1.4348254637e+1

103.89	14.34963587	1.434963587e+1
103.9	14.351017104	1.4351017104e+1
103.91	14.352398338	1.4352398338e+1
103.92	14.353779571	1.4353779571e+1
103.93	14.355160805	1.4355160805e+1
103.94	14.356542038	1.4356542038e+1
103.95	14.357923272	1.4357923272e+1
103.96	14.359304506	1.4359304506e+1
103.97	14.360685739	1.4360685739e+1
103.98	14.362066973	1.4362066973e+1
103.99	14.363448206	1.4363448206e+1
104	14.36482944	1.436482944e+1
104.01	14.366210674	1.4366210674e+1
104.02	14.367591907	1.4367591907e+1
104.03	14.368973141	1.4368973141e+1
104.04	14.370354374	1.4370354374e+1
104.05	14.371735608	1.4371735608e+1
104.06	14.373116842	1.4373116842e+1
104.07	14.374498075	1.4374498075e+1
104.08	14.375879309	1.4375879309e+1
104.09	14.377260542	1.4377260542e+1
104.1	14.378641776	1.4378641776e+1
104.11	14.38002301	1.438002301e+1
104.12	14.381404243	1.4381404243e+1
104.13	14.382785477	1.4382785477e+1
104.14	14.38416671	1.438416671e+1
104.15	14.385547944	1.4385547944e+1
104.16	14.386929178	1.4386929178e+1
104.17	14.388310411	1.4388310411e+1
104.18	14.389691645	1.4389691645e+1
104.19	14.391072878	1.4391072878e+1
104.2	14.392454112	1.4392454112e+1
104.21	14.393835346	1.4393835346e+1
104.22	14.395216579	1.4395216579e+1
104.23	14.396597813	1.4396597813e+1
104.24	14.397979046	1.4397979046e+1
104.25	14.39936028	1.439936028e+1
104.26	14.400741514	1.4400741514e+1

104.27	14.402122747	1.4402122747e+1
104.28	14.403503981	1.4403503981e+1
104.29	14.404885214	1.4404885214e+1
104.3	14.406266448	1.4406266448e+1
104.31	14.407647682	1.4407647682e+1
104.32	14.409028915	1.4409028915e+1
104.33	14.410410149	1.4410410149e+1
104.34	14.411791382	1.4411791382e+1
104.35	14.413172616	1.4413172616e+1
104.36	14.41455385	1.441455385e+1
104.37	14.415935083	1.4415935083e+1
104.38	14.417316317	1.4417316317e+1
104.39	14.41869755	1.441869755e+1
104.4	14.420078784	1.4420078784e+1
104.41	14.421460018	1.4421460018e+1
104.42	14.422841251	1.4422841251e+1
104.43	14.424222485	1.4424222485e+1
104.44	14.425603718	1.4425603718e+1
104.45	14.426984952	1.4426984952e+1
104.46	14.428366186	1.4428366186e+1
104.47	14.429747419	1.4429747419e+1
104.48	14.431128653	1.4431128653e+1
104.49	14.432509886	1.4432509886e+1
104.5	14.43389112	1.443389112e+1
104.51	14.435272354	1.4435272354e+1
104.52	14.436653587	1.4436653587e+1
104.53	14.438034821	1.4438034821e+1
104.54	14.439416054	1.4439416054e+1
104.55	14.440797288	1.4440797288e+1
104.56	14.442178522	1.4442178522e+1
104.57	14.443559755	1.4443559755e+1
104.58	14.444940989	1.4444940989e+1
104.59	14.446322222	1.4446322222e+1
104.6	14.447703456	1.4447703456e+1
104.61	14.44908469	1.444908469e+1
104.62	14.450465923	1.4450465923e+1
104.63	14.451847157	1.4451847157e+1
104.64	14.45322839	1.445322839e+1

104.65	14.454609624	1.4454609624e+1
104.66	14.455990858	1.4455990858e+1
104.67	14.457372091	1.4457372091e+1
104.68	14.458753325	1.4458753325e+1
104.69	14.460134558	1.4460134558e+1
104.7	14.461515792	1.4461515792e+1
104.71	14.462897026	1.4462897026e+1
104.72	14.464278259	1.4464278259e+1
104.73	14.465659493	1.4465659493e+1
104.74	14.467040726	1.4467040726e+1
104.75	14.46842196	1.446842196e+1
104.76	14.469803194	1.4469803194e+1
104.77	14.471184427	1.4471184427e+1
104.78	14.472565661	1.4472565661e+1
104.79	14.473946894	1.4473946894e+1
104.8	14.475328128	1.4475328128e+1
104.81	14.476709362	1.4476709362e+1
104.82	14.478090595	1.4478090595e+1
104.83	14.479471829	1.4479471829e+1
104.84	14.480853062	1.4480853062e+1
104.85	14.482234296	1.4482234296e+1
104.86	14.48361553	1.448361553e+1
104.87	14.484996763	1.4484996763e+1
104.88	14.486377997	1.4486377997e+1
104.89	14.48775923	1.448775923e+1
104.9	14.489140464	1.4489140464e+1
104.91	14.490521698	1.4490521698e+1
104.92	14.491902931	1.4491902931e+1
104.93	14.493284165	1.4493284165e+1
104.94	14.494665398	1.4494665398e+1
104.95	14.496046632	1.4496046632e+1
104.96	14.497427866	1.4497427866e+1
104.97	14.498809099	1.4498809099e+1
104.98	14.500190333	1.4500190333e+1
104.99	14.501571566	1.4501571566e+1
105	14.5029528	1.45029528e+1
105.01	14.504334034	1.4504334034e+1
105.02	14.505715267	1.4505715267e+1

105.03	14.507096501	1.4507096501e+1
105.04	14.508477734	1.4508477734e+1
105.05	14.509858968	1.4509858968e+1
105.06	14.511240202	1.4511240202e+1
105.07	14.512621435	1.4512621435e+1
105.08	14.514002669	1.4514002669e+1
105.09	14.515383902	1.4515383902e+1
105.1	14.516765136	1.4516765136e+1
105.11	14.51814637	1.451814637e+1
105.12	14.519527603	1.4519527603e+1
105.13	14.520908837	1.4520908837e+1
105.14	14.52229007	1.452229007e+1
105.15	14.523671304	1.4523671304e+1
105.16	14.525052538	1.4525052538e+1
105.17	14.526433771	1.4526433771e+1
105.18	14.527815005	1.4527815005e+1
105.19	14.529196238	1.4529196238e+1
105.2	14.530577472	1.4530577472e+1
105.21	14.531958706	1.4531958706e+1
105.22	14.533339939	1.4533339939e+1
105.23	14.534721173	1.4534721173e+1
105.24	14.536102406	1.4536102406e+1
105.25	14.53748364	1.453748364e+1
105.26	14.538864874	1.4538864874e+1
105.27	14.540246107	1.4540246107e+1
105.28	14.541627341	1.4541627341e+1
105.29	14.543008574	1.4543008574e+1
105.3	14.544389808	1.4544389808e+1
105.31	14.545771042	1.4545771042e+1
105.32	14.547152275	1.4547152275e+1
105.33	14.548533509	1.4548533509e+1
105.34	14.549914742	1.4549914742e+1
105.35	14.551295976	1.4551295976e+1
105.36	14.55267721	1.455267721e+1
105.37	14.554058443	1.4554058443e+1
105.38	14.555439677	1.4555439677e+1
105.39	14.55682091	1.455682091e+1
105.4	14.558202144	1.4558202144e+1

105.41	14.559583378	1.4559583378e+1
105.42	14.560964611	1.4560964611e+1
105.43	14.562345845	1.4562345845e+1
105.44	14.563727078	1.4563727078e+1
105.45	14.565108312	1.4565108312e+1
105.46	14.566489546	1.4566489546e+1
105.47	14.567870779	1.4567870779e+1
105.48	14.569252013	1.4569252013e+1
105.49	14.570633246	1.4570633246e+1
105.5	14.57201448	1.457201448e+1
105.51	14.573395714	1.4573395714e+1
105.52	14.574776947	1.4574776947e+1
105.53	14.576158181	1.4576158181e+1
105.54	14.577539414	1.4577539414e+1
105.55	14.578920648	1.4578920648e+1
105.56	14.580301882	1.4580301882e+1
105.57	14.581683115	1.4581683115e+1
105.58	14.583064349	1.4583064349e+1
105.59	14.584445582	1.4584445582e+1
105.6	14.585826816	1.4585826816e+1
105.61	14.58720805	1.458720805e+1
105.62	14.588589283	1.4588589283e+1
105.63	14.589970517	1.4589970517e+1
105.64	14.59135175	1.459135175e+1
105.65	14.592732984	1.4592732984e+1
105.66	14.594114218	1.4594114218e+1
105.67	14.595495451	1.4595495451e+1
105.68	14.596876685	1.4596876685e+1
105.69	14.598257918	1.4598257918e+1
105.7	14.599639152	1.4599639152e+1
105.71	14.601020386	1.4601020386e+1
105.72	14.602401619	1.4602401619e+1
105.73	14.603782853	1.4603782853e+1
105.74	14.605164086	1.4605164086e+1
105.75	14.60654532	1.460654532e+1
105.76	14.607926554	1.4607926554e+1
105.77	14.609307787	1.4609307787e+1
105.78	14.610689021	1.4610689021e+1

105.79	14.612070254	1.4612070254e+1
105.8	14.613451488	1.4613451488e+1
105.81	14.614832722	1.4614832722e+1
105.82	14.616213955	1.4616213955e+1
105.83	14.617595189	1.4617595189e+1
105.84	14.618976422	1.4618976422e+1
105.85	14.620357656	1.4620357656e+1
105.86	14.62173889	1.462173889e+1
105.87	14.623120123	1.4623120123e+1
105.88	14.624501357	1.4624501357e+1
105.89	14.62588259	1.462588259e+1
105.9	14.627263824	1.4627263824e+1
105.91	14.628645058	1.4628645058e+1
105.92	14.630026291	1.4630026291e+1
105.93	14.631407525	1.4631407525e+1
105.94	14.632788758	1.4632788758e+1
105.95	14.634169992	1.4634169992e+1
105.96	14.635551226	1.4635551226e+1
105.97	14.636932459	1.4636932459e+1
105.98	14.638313693	1.4638313693e+1
105.99	14.639694926	1.4639694926e+1
106	14.64107616	1.464107616e+1
106.01	14.642457394	1.4642457394e+1
106.02	14.643838627	1.4643838627e+1
106.03	14.645219861	1.4645219861e+1
106.04	14.646601094	1.4646601094e+1
106.05	14.647982328	1.4647982328e+1
106.06	14.649363562	1.4649363562e+1
106.07	14.650744795	1.4650744795e+1
106.08	14.652126029	1.4652126029e+1
106.09	14.653507262	1.4653507262e+1
106.1	14.654888496	1.4654888496e+1
106.11	14.65626973	1.465626973e+1
106.12	14.657650963	1.4657650963e+1
106.13	14.659032197	1.4659032197e+1
106.14	14.66041343	1.466041343e+1
106.15	14.661794664	1.4661794664e+1
106.16	14.663175898	1.4663175898e+1

106.17	14.664557131	1.4664557131e+1
106.18	14.665938365	1.4665938365e+1
106.19	14.667319598	1.4667319598e+1
106.2	14.668700832	1.4668700832e+1
106.21	14.670082066	1.4670082066e+1
106.22	14.671463299	1.4671463299e+1
106.23	14.672844533	1.4672844533e+1
106.24	14.674225766	1.4674225766e+1
106.25	14.675607	1.4675607e+1
106.26	14.676988234	1.4676988234e+1
106.27	14.678369467	1.4678369467e+1
106.28	14.679750701	1.4679750701e+1
106.29	14.681131934	1.4681131934e+1
106.3	14.682513168	1.4682513168e+1
106.31	14.683894402	1.4683894402e+1
106.32	14.685275635	1.4685275635e+1
106.33	14.686656869	1.4686656869e+1
106.34	14.688038102	1.4688038102e+1
106.35	14.689419336	1.4689419336e+1
106.36	14.69080057	1.469080057e+1
106.37	14.692181803	1.4692181803e+1
106.38	14.693563037	1.4693563037e+1
106.39	14.69494427	1.469494427e+1
106.4	14.696325504	1.4696325504e+1
106.41	14.697706738	1.4697706738e+1
106.42	14.699087971	1.4699087971e+1
106.43	14.700469205	1.4700469205e+1
106.44	14.701850438	1.4701850438e+1
106.45	14.703231672	1.4703231672e+1
106.46	14.704612906	1.4704612906e+1
106.47	14.705994139	1.4705994139e+1
106.48	14.707375373	1.4707375373e+1
106.49	14.708756606	1.4708756606e+1
106.5	14.71013784	1.471013784e+1
106.51	14.711519074	1.4711519074e+1
106.52	14.712900307	1.4712900307e+1
106.53	14.714281541	1.4714281541e+1
106.54	14.715662774	1.4715662774e+1

106.55	14.717044008	1.4717044008e+1
106.56	14.718425242	1.4718425242e+1
106.57	14.719806475	1.4719806475e+1
106.58	14.721187709	1.4721187709e+1
106.59	14.722568942	1.4722568942e+1
106.6	14.723950176	1.4723950176e+1
106.61	14.72533141	1.472533141e+1
106.62	14.726712643	1.4726712643e+1
106.63	14.728093877	1.4728093877e+1
106.64	14.72947511	1.472947511e+1
106.65	14.730856344	1.4730856344e+1
106.66	14.732237578	1.4732237578e+1
106.67	14.733618811	1.4733618811e+1
106.68	14.735000045	1.4735000045e+1
106.69	14.736381278	1.4736381278e+1
106.7	14.737762512	1.4737762512e+1
106.71	14.739143746	1.4739143746e+1
106.72	14.740524979	1.4740524979e+1
106.73	14.741906213	1.4741906213e+1
106.74	14.743287446	1.4743287446e+1
106.75	14.74466868	1.474466868e+1
106.76	14.746049914	1.4746049914e+1
106.77	14.747431147	1.4747431147e+1
106.78	14.748812381	1.4748812381e+1
106.79	14.750193614	1.4750193614e+1
106.8	14.751574848	1.4751574848e+1
106.81	14.752956082	1.4752956082e+1
106.82	14.754337315	1.4754337315e+1
106.83	14.755718549	1.4755718549e+1
106.84	14.757099782	1.4757099782e+1
106.85	14.758481016	1.4758481016e+1
106.86	14.75986225	1.475986225e+1
106.87	14.761243483	1.4761243483e+1
106.88	14.762624717	1.4762624717e+1
106.89	14.76400595	1.476400595e+1
106.9	14.765387184	1.4765387184e+1
106.91	14.766768418	1.4766768418e+1
106.92	14.768149651	1.4768149651e+1

106.93	14.769530885	1.4769530885e+1
106.94	14.770912118	1.4770912118e+1
106.95	14.772293352	1.4772293352e+1
106.96	14.773674586	1.4773674586e+1
106.97	14.775055819	1.4775055819e+1
106.98	14.776437053	1.4776437053e+1
106.99	14.777818286	1.4777818286e+1
107	14.77919952	1.477919952e+1
107.01	14.780580754	1.4780580754e+1
107.02	14.781961987	1.4781961987e+1
107.03	14.783343221	1.4783343221e+1
107.04	14.784724454	1.4784724454e+1
107.05	14.786105688	1.4786105688e+1
107.06	14.787486922	1.4787486922e+1
107.07	14.788868155	1.4788868155e+1
107.08	14.790249389	1.4790249389e+1
107.09	14.791630622	1.4791630622e+1
107.1	14.793011856	1.4793011856e+1
107.11	14.79439309	1.479439309e+1
107.12	14.795774323	1.4795774323e+1
107.13	14.797155557	1.4797155557e+1
107.14	14.79853679	1.479853679e+1
107.15	14.799918024	1.4799918024e+1
107.16	14.801299258	1.4801299258e+1
107.17	14.802680491	1.4802680491e+1
107.18	14.804061725	1.4804061725e+1
107.19	14.805442958	1.4805442958e+1
107.2	14.806824192	1.4806824192e+1
107.21	14.808205426	1.4808205426e+1
107.22	14.809586659	1.4809586659e+1
107.23	14.810967893	1.4810967893e+1
107.24	14.812349126	1.4812349126e+1
107.25	14.81373036	1.481373036e+1
107.26	14.815111594	1.4815111594e+1
107.27	14.816492827	1.4816492827e+1
107.28	14.817874061	1.4817874061e+1
107.29	14.819255294	1.4819255294e+1
107.3	14.820636528	1.4820636528e+1

107.31	14.822017762	1.4822017762e+1
107.32	14.823398995	1.4823398995e+1
107.33	14.824780229	1.4824780229e+1
107.34	14.826161462	1.4826161462e+1
107.35	14.827542696	1.4827542696e+1
107.36	14.82892393	1.482892393e+1
107.37	14.830305163	1.4830305163e+1
107.38	14.831686397	1.4831686397e+1
107.39	14.83306763	1.483306763e+1
107.4	14.834448864	1.4834448864e+1
107.41	14.835830098	1.4835830098e+1
107.42	14.837211331	1.4837211331e+1
107.43	14.838592565	1.4838592565e+1
107.44	14.839973798	1.4839973798e+1
107.45	14.841355032	1.4841355032e+1
107.46	14.842736266	1.4842736266e+1
107.47	14.844117499	1.4844117499e+1
107.48	14.845498733	1.4845498733e+1
107.49	14.846879966	1.4846879966e+1
107.5	14.8482612	1.48482612e+1
107.51	14.849642434	1.4849642434e+1
107.52	14.851023667	1.4851023667e+1
107.53	14.852404901	1.4852404901e+1
107.54	14.853786134	1.4853786134e+1
107.55	14.855167368	1.4855167368e+1
107.56	14.856548602	1.4856548602e+1
107.57	14.857929835	1.4857929835e+1
107.58	14.859311069	1.4859311069e+1
107.59	14.860692302	1.4860692302e+1
107.6	14.862073536	1.4862073536e+1
107.61	14.86345477	1.486345477e+1
107.62	14.864836003	1.4864836003e+1
107.63	14.866217237	1.4866217237e+1
107.64	14.86759847	1.486759847e+1
107.65	14.868979704	1.4868979704e+1
107.66	14.870360938	1.4870360938e+1
107.67	14.871742171	1.4871742171e+1
107.68	14.873123405	1.4873123405e+1

107.69	14.874504638	1.4874504638e+1
107.7	14.875885872	1.4875885872e+1
107.71	14.877267106	1.4877267106e+1
107.72	14.878648339	1.4878648339e+1
107.73	14.880029573	1.4880029573e+1
107.74	14.881410806	1.4881410806e+1
107.75	14.88279204	1.488279204e+1
107.76	14.884173274	1.4884173274e+1
107.77	14.885554507	1.4885554507e+1
107.78	14.886935741	1.4886935741e+1
107.79	14.888316974	1.4888316974e+1
107.8	14.889698208	1.4889698208e+1
107.81	14.891079442	1.4891079442e+1
107.82	14.892460675	1.4892460675e+1
107.83	14.893841909	1.4893841909e+1
107.84	14.895223142	1.4895223142e+1
107.85	14.896604376	1.4896604376e+1
107.86	14.89798561	1.489798561e+1
107.87	14.899366843	1.4899366843e+1
107.88	14.900748077	1.4900748077e+1
107.89	14.90212931	1.490212931e+1
107.9	14.903510544	1.4903510544e+1
107.91	14.904891778	1.4904891778e+1
107.92	14.906273011	1.4906273011e+1
107.93	14.907654245	1.4907654245e+1
107.94	14.909035478	1.4909035478e+1
107.95	14.910416712	1.4910416712e+1
107.96	14.911797946	1.4911797946e+1
107.97	14.913179179	1.4913179179e+1
107.98	14.914560413	1.4914560413e+1
107.99	14.915941646	1.4915941646e+1
108	14.91732288	1.491732288e+1
108.01	14.918704114	1.4918704114e+1
108.02	14.920085347	1.4920085347e+1
108.03	14.921466581	1.4921466581e+1
108.04	14.922847814	1.4922847814e+1
108.05	14.924229048	1.4924229048e+1
108.06	14.925610282	1.4925610282e+1

108.07	14.926991515	1.4926991515e+1
108.08	14.928372749	1.4928372749e+1
108.09	14.929753982	1.4929753982e+1
108.1	14.931135216	1.4931135216e+1
108.11	14.93251645	1.493251645e+1
108.12	14.933897683	1.4933897683e+1
108.13	14.935278917	1.4935278917e+1
108.14	14.93666015	1.493666015e+1
108.15	14.938041384	1.4938041384e+1
108.16	14.939422618	1.4939422618e+1
108.17	14.940803851	1.4940803851e+1
108.18	14.942185085	1.4942185085e+1
108.19	14.943566318	1.4943566318e+1
108.2	14.944947552	1.4944947552e+1
108.21	14.946328786	1.4946328786e+1
108.22	14.947710019	1.4947710019e+1
108.23	14.949091253	1.4949091253e+1
108.24	14.950472486	1.4950472486e+1
108.25	14.95185372	1.495185372e+1
108.26	14.953234954	1.4953234954e+1
108.27	14.954616187	1.4954616187e+1
108.28	14.955997421	1.4955997421e+1
108.29	14.957378654	1.4957378654e+1
108.3	14.958759888	1.4958759888e+1
108.31	14.960141122	1.4960141122e+1
108.32	14.961522355	1.4961522355e+1
108.33	14.962903589	1.4962903589e+1
108.34	14.964284822	1.4964284822e+1
108.35	14.965666056	1.4965666056e+1
108.36	14.96704729	1.496704729e+1
108.37	14.968428523	1.4968428523e+1
108.38	14.969809757	1.4969809757e+1
108.39	14.97119099	1.497119099e+1
108.4	14.972572224	1.4972572224e+1
108.41	14.973953458	1.4973953458e+1
108.42	14.975334691	1.4975334691e+1
108.43	14.976715925	1.4976715925e+1
108.44	14.978097158	1.4978097158e+1

108.45	14.979478392	1.4979478392e+1
108.46	14.980859626	1.4980859626e+1
108.47	14.982240859	1.4982240859e+1
108.48	14.983622093	1.4983622093e+1
108.49	14.985003326	1.4985003326e+1
108.5	14.98638456	1.498638456e+1
108.51	14.987765794	1.4987765794e+1
108.52	14.989147027	1.4989147027e+1
108.53	14.990528261	1.4990528261e+1
108.54	14.991909494	1.4991909494e+1
108.55	14.993290728	1.4993290728e+1
108.56	14.994671962	1.4994671962e+1
108.57	14.996053195	1.4996053195e+1
108.58	14.997434429	1.4997434429e+1
108.59	14.998815662	1.4998815662e+1
108.6	15.000196896	1.5000196896e+1
108.61	15.00157813	1.500157813e+1
108.62	15.002959363	1.5002959363e+1
108.63	15.004340597	1.5004340597e+1
108.64	15.00572183	1.500572183e+1
108.65	15.007103064	1.5007103064e+1
108.66	15.008484298	1.5008484298e+1
108.67	15.009865531	1.5009865531e+1
108.68	15.011246765	1.5011246765e+1
108.69	15.012627998	1.5012627998e+1
108.7	15.014009232	1.5014009232e+1
108.71	15.015390466	1.5015390466e+1
108.72	15.016771699	1.5016771699e+1
108.73	15.018152933	1.5018152933e+1
108.74	15.019534166	1.5019534166e+1
108.75	15.0209154	1.50209154e+1
108.76	15.022296634	1.5022296634e+1
108.77	15.023677867	1.5023677867e+1
108.78	15.025059101	1.5025059101e+1
108.79	15.026440334	1.5026440334e+1
108.8	15.027821568	1.5027821568e+1
108.81	15.029202802	1.5029202802e+1
108.82	15.030584035	1.5030584035e+1

108.83	15.031965269	1.5031965269e+1
108.84	15.033346502	1.5033346502e+1
108.85	15.034727736	1.5034727736e+1
108.86	15.03610897	1.503610897e+1
108.87	15.037490203	1.5037490203e+1
108.88	15.038871437	1.5038871437e+1
108.89	15.04025267	1.504025267e+1
108.9	15.041633904	1.5041633904e+1
108.91	15.043015138	1.5043015138e+1
108.92	15.044396371	1.5044396371e+1
108.93	15.045777605	1.5045777605e+1
108.94	15.047158838	1.5047158838e+1
108.95	15.048540072	1.5048540072e+1
108.96	15.049921306	1.5049921306e+1
108.97	15.051302539	1.5051302539e+1
108.98	15.052683773	1.5052683773e+1
108.99	15.054065006	1.5054065006e+1
109	15.05544624	1.505544624e+1
109.01	15.056827474	1.5056827474e+1
109.02	15.058208707	1.5058208707e+1
109.03	15.059589941	1.5059589941e+1
109.04	15.060971174	1.5060971174e+1
109.05	15.062352408	1.5062352408e+1
109.06	15.063733642	1.5063733642e+1
109.07	15.065114875	1.5065114875e+1
109.08	15.066496109	1.5066496109e+1
109.09	15.067877342	1.5067877342e+1
109.1	15.069258576	1.5069258576e+1
109.11	15.07063981	1.507063981e+1
109.12	15.072021043	1.5072021043e+1
109.13	15.073402277	1.5073402277e+1
109.14	15.07478351	1.507478351e+1
109.15	15.076164744	1.5076164744e+1
109.16	15.077545978	1.5077545978e+1
109.17	15.078927211	1.5078927211e+1
109.18	15.080308445	1.5080308445e+1
109.19	15.081689678	1.5081689678e+1
109.2	15.083070912	1.5083070912e+1

109.21	15.084452146	1.5084452146e+1
109.22	15.085833379	1.5085833379e+1
109.23	15.087214613	1.5087214613e+1
109.24	15.088595846	1.5088595846e+1
109.25	15.08997708	1.508997708e+1
109.26	15.091358314	1.5091358314e+1
109.27	15.092739547	1.5092739547e+1
109.28	15.094120781	1.5094120781e+1
109.29	15.095502014	1.5095502014e+1
109.3	15.096883248	1.5096883248e+1
109.31	15.098264482	1.5098264482e+1
109.32	15.099645715	1.5099645715e+1
109.33	15.101026949	1.5101026949e+1
109.34	15.102408182	1.5102408182e+1
109.35	15.103789416	1.5103789416e+1
109.36	15.10517065	1.510517065e+1
109.37	15.106551883	1.5106551883e+1
109.38	15.107933117	1.5107933117e+1
109.39	15.10931435	1.510931435e+1
109.4	15.110695584	1.5110695584e+1
109.41	15.112076818	1.5112076818e+1
109.42	15.113458051	1.5113458051e+1
109.43	15.114839285	1.5114839285e+1
109.44	15.116220518	1.5116220518e+1
109.45	15.117601752	1.5117601752e+1
109.46	15.118982986	1.5118982986e+1
109.47	15.120364219	1.5120364219e+1
109.48	15.121745453	1.5121745453e+1
109.49	15.123126686	1.5123126686e+1
109.5	15.12450792	1.512450792e+1
109.51	15.125889154	1.5125889154e+1
109.52	15.127270387	1.5127270387e+1
109.53	15.128651621	1.5128651621e+1
109.54	15.130032854	1.5130032854e+1
109.55	15.131414088	1.5131414088e+1
109.56	15.132795322	1.5132795322e+1
109.57	15.134176555	1.5134176555e+1
109.58	15.135557789	1.5135557789e+1

109.59	15.136939022	1.5136939022e+1
109.6	15.138320256	1.5138320256e+1
109.61	15.13970149	1.513970149e+1
109.62	15.141082723	1.5141082723e+1
109.63	15.142463957	1.5142463957e+1
109.64	15.14384519	1.514384519e+1
109.65	15.145226424	1.5145226424e+1
109.66	15.146607658	1.5146607658e+1
109.67	15.147988891	1.5147988891e+1
109.68	15.149370125	1.5149370125e+1
109.69	15.150751358	1.5150751358e+1
109.7	15.152132592	1.5152132592e+1
109.71	15.153513826	1.5153513826e+1
109.72	15.154895059	1.5154895059e+1
109.73	15.156276293	1.5156276293e+1
109.74	15.157657526	1.5157657526e+1
109.75	15.15903876	1.515903876e+1
109.76	15.160419994	1.5160419994e+1
109.77	15.161801227	1.5161801227e+1
109.78	15.163182461	1.5163182461e+1
109.79	15.164563694	1.5164563694e+1
109.8	15.165944928	1.5165944928e+1
109.81	15.167326162	1.5167326162e+1
109.82	15.168707395	1.5168707395e+1
109.83	15.170088629	1.5170088629e+1
109.84	15.171469862	1.5171469862e+1
109.85	15.172851096	1.5172851096e+1
109.86	15.17423233	1.517423233e+1
109.87	15.175613563	1.5175613563e+1
109.88	15.176994797	1.5176994797e+1
109.89	15.17837603	1.517837603e+1
109.9	15.179757264	1.5179757264e+1
109.91	15.181138498	1.5181138498e+1
109.92	15.182519731	1.5182519731e+1
109.93	15.183900965	1.5183900965e+1
109.94	15.185282198	1.5185282198e+1
109.95	15.186663432	1.5186663432e+1
109.96	15.188044666	1.5188044666e+1

109.97	15.189425899	1.5189425899e+1
109.98	15.190807133	1.5190807133e+1
109.99	15.192188366	1.5192188366e+1
110	15.1935696	1.51935696e+1
110.01	15.194950834	1.5194950834e+1
110.02	15.196332067	1.5196332067e+1
110.03	15.197713301	1.5197713301e+1
110.04	15.199094534	1.5199094534e+1
110.05	15.200475768	1.5200475768e+1
110.06	15.201857002	1.5201857002e+1
110.07	15.203238235	1.5203238235e+1
110.08	15.204619469	1.5204619469e+1
110.09	15.206000702	1.5206000702e+1
110.1	15.207381936	1.5207381936e+1
110.11	15.20876317	1.520876317e+1
110.12	15.210144403	1.5210144403e+1
110.13	15.211525637	1.5211525637e+1
110.14	15.21290687	1.521290687e+1
110.15	15.214288104	1.5214288104e+1
110.16	15.215669338	1.5215669338e+1
110.17	15.217050571	1.5217050571e+1
110.18	15.218431805	1.5218431805e+1
110.19	15.219813038	1.5219813038e+1
110.2	15.221194272	1.5221194272e+1
110.21	15.222575506	1.5222575506e+1
110.22	15.223956739	1.5223956739e+1
110.23	15.225337973	1.5225337973e+1
110.24	15.226719206	1.5226719206e+1
110.25	15.22810044	1.522810044e+1
110.26	15.229481674	1.5229481674e+1
110.27	15.230862907	1.5230862907e+1
110.28	15.232244141	1.5232244141e+1
110.29	15.233625374	1.5233625374e+1
110.3	15.235006608	1.5235006608e+1
110.31	15.236387842	1.5236387842e+1
110.32	15.237769075	1.5237769075e+1
110.33	15.239150309	1.5239150309e+1
110.34	15.240531542	1.5240531542e+1

110.35	15.241912776	1.5241912776e+1
110.36	15.24329401	1.524329401e+1
110.37	15.244675243	1.5244675243e+1
110.38	15.246056477	1.5246056477e+1
110.39	15.24743771	1.524743771e+1
110.4	15.248818944	1.5248818944e+1
110.41	15.250200178	1.5250200178e+1
110.42	15.251581411	1.5251581411e+1
110.43	15.252962645	1.5252962645e+1
110.44	15.254343878	1.5254343878e+1
110.45	15.255725112	1.5255725112e+1
110.46	15.257106346	1.5257106346e+1
110.47	15.258487579	1.5258487579e+1
110.48	15.259868813	1.5259868813e+1
110.49	15.261250046	1.5261250046e+1
110.5	15.26263128	1.526263128e+1
110.51	15.264012514	1.5264012514e+1
110.52	15.265393747	1.5265393747e+1
110.53	15.266774981	1.5266774981e+1
110.54	15.268156214	1.5268156214e+1
110.55	15.269537448	1.5269537448e+1
110.56	15.270918682	1.5270918682e+1
110.57	15.272299915	1.5272299915e+1
110.58	15.273681149	1.5273681149e+1
110.59	15.275062382	1.5275062382e+1
110.6	15.276443616	1.5276443616e+1
110.61	15.27782485	1.527782485e+1
110.62	15.279206083	1.5279206083e+1
110.63	15.280587317	1.5280587317e+1
110.64	15.28196855	1.528196855e+1
110.65	15.283349784	1.5283349784e+1
110.66	15.284731018	1.5284731018e+1
110.67	15.286112251	1.5286112251e+1
110.68	15.287493485	1.5287493485e+1
110.69	15.288874718	1.5288874718e+1
110.7	15.290255952	1.5290255952e+1
110.71	15.291637186	1.5291637186e+1
110.72	15.293018419	1.5293018419e+1

110.73	15.294399653	1.5294399653e+1
110.74	15.295780886	1.5295780886e+1
110.75	15.29716212	1.529716212e+1
110.76	15.298543354	1.5298543354e+1
110.77	15.299924587	1.5299924587e+1
110.78	15.301305821	1.5301305821e+1
110.79	15.302687054	1.5302687054e+1
110.8	15.304068288	1.5304068288e+1
110.81	15.305449522	1.5305449522e+1
110.82	15.306830755	1.5306830755e+1
110.83	15.308211989	1.5308211989e+1
110.84	15.309593222	1.5309593222e+1
110.85	15.310974456	1.5310974456e+1
110.86	15.31235569	1.531235569e+1
110.87	15.313736923	1.5313736923e+1
110.88	15.315118157	1.5315118157e+1
110.89	15.31649939	1.531649939e+1
110.9	15.317880624	1.5317880624e+1
110.91	15.319261858	1.5319261858e+1
110.92	15.320643091	1.5320643091e+1
110.93	15.322024325	1.5322024325e+1
110.94	15.323405558	1.5323405558e+1
110.95	15.324786792	1.5324786792e+1
110.96	15.326168026	1.5326168026e+1
110.97	15.327549259	1.5327549259e+1
110.98	15.328930493	1.5328930493e+1
110.99	15.330311726	1.5330311726e+1
111	15.33169296	1.533169296e+1
111.01	15.333074194	1.5333074194e+1
111.02	15.334455427	1.5334455427e+1
111.03	15.335836661	1.5335836661e+1
111.04	15.337217894	1.5337217894e+1
111.05	15.338599128	1.5338599128e+1
111.06	15.339980362	1.5339980362e+1
111.07	15.341361595	1.5341361595e+1
111.08	15.342742829	1.5342742829e+1
111.09	15.344124062	1.5344124062e+1
111.1	15.345505296	1.5345505296e+1

111.11	15.34688653	1.534688653e+1
111.12	15.348267763	1.5348267763e+1
111.13	15.349648997	1.5349648997e+1
111.14	15.35103023	1.535103023e+1
111.15	15.352411464	1.5352411464e+1
111.16	15.353792698	1.5353792698e+1
111.17	15.355173931	1.5355173931e+1
111.18	15.356555165	1.5356555165e+1
111.19	15.357936398	1.5357936398e+1
111.2	15.359317632	1.5359317632e+1
111.21	15.360698866	1.5360698866e+1
111.22	15.362080099	1.5362080099e+1
111.23	15.363461333	1.5363461333e+1
111.24	15.364842566	1.5364842566e+1
111.25	15.3662238	1.53662238e+1
111.26	15.367605034	1.5367605034e+1
111.27	15.368986267	1.5368986267e+1
111.28	15.370367501	1.5370367501e+1
111.29	15.371748734	1.5371748734e+1
111.3	15.373129968	1.5373129968e+1
111.31	15.374511202	1.5374511202e+1
111.32	15.375892435	1.5375892435e+1
111.33	15.377273669	1.5377273669e+1
111.34	15.378654902	1.5378654902e+1
111.35	15.380036136	1.5380036136e+1
111.36	15.38141737	1.538141737e+1
111.37	15.382798603	1.5382798603e+1
111.38	15.384179837	1.5384179837e+1
111.39	15.38556107	1.538556107e+1
111.4	15.386942304	1.5386942304e+1
111.41	15.388323538	1.5388323538e+1
111.42	15.389704771	1.5389704771e+1
111.43	15.391086005	1.5391086005e+1
111.44	15.392467238	1.5392467238e+1
111.45	15.393848472	1.5393848472e+1
111.46	15.395229706	1.5395229706e+1
111.47	15.396610939	1.5396610939e+1
111.48	15.397992173	1.5397992173e+1

111.49	15.399373406	1.5399373406e+1
111.5	15.40075464	1.540075464e+1
111.51	15.402135874	1.5402135874e+1
111.52	15.403517107	1.5403517107e+1
111.53	15.404898341	1.5404898341e+1
111.54	15.406279574	1.5406279574e+1
111.55	15.407660808	1.5407660808e+1
111.56	15.409042042	1.5409042042e+1
111.57	15.410423275	1.5410423275e+1
111.58	15.411804509	1.5411804509e+1
111.59	15.413185742	1.5413185742e+1
111.6	15.414566976	1.5414566976e+1
111.61	15.41594821	1.541594821e+1
111.62	15.417329443	1.5417329443e+1
111.63	15.418710677	1.5418710677e+1
111.64	15.42009191	1.542009191e+1
111.65	15.421473144	1.5421473144e+1
111.66	15.422854378	1.5422854378e+1
111.67	15.424235611	1.5424235611e+1
111.68	15.425616845	1.5425616845e+1
111.69	15.426998078	1.5426998078e+1
111.7	15.428379312	1.5428379312e+1
111.71	15.429760546	1.5429760546e+1
111.72	15.431141779	1.5431141779e+1
111.73	15.432523013	1.5432523013e+1
111.74	15.433904246	1.5433904246e+1
111.75	15.43528548	1.543528548e+1
111.76	15.436666714	1.5436666714e+1
111.77	15.438047947	1.5438047947e+1
111.78	15.439429181	1.5439429181e+1
111.79	15.440810414	1.5440810414e+1
111.8	15.442191648	1.5442191648e+1
111.81	15.443572882	1.5443572882e+1
111.82	15.444954115	1.5444954115e+1
111.83	15.446335349	1.5446335349e+1
111.84	15.447716582	1.5447716582e+1
111.85	15.449097816	1.5449097816e+1
111.86	15.45047905	1.545047905e+1

111.87	15.451860283	1.5451860283e+1
111.88	15.453241517	1.5453241517e+1
111.89	15.45462275	1.545462275e+1
111.9	15.456003984	1.5456003984e+1
111.91	15.457385218	1.5457385218e+1
111.92	15.458766451	1.5458766451e+1
111.93	15.460147685	1.5460147685e+1
111.94	15.461528918	1.5461528918e+1
111.95	15.462910152	1.5462910152e+1
111.96	15.464291386	1.5464291386e+1
111.97	15.465672619	1.5465672619e+1
111.98	15.467053853	1.5467053853e+1
111.99	15.468435086	1.5468435086e+1
112	15.46981632	1.546981632e+1
112.01	15.471197554	1.5471197554e+1
112.02	15.472578787	1.5472578787e+1
112.03	15.473960021	1.5473960021e+1
112.04	15.475341254	1.5475341254e+1
112.05	15.476722488	1.5476722488e+1
112.06	15.478103722	1.5478103722e+1
112.07	15.479484955	1.5479484955e+1
112.08	15.480866189	1.5480866189e+1
112.09	15.482247422	1.5482247422e+1
112.1	15.483628656	1.5483628656e+1
112.11	15.48500989	1.548500989e+1
112.12	15.486391123	1.5486391123e+1
112.13	15.487772357	1.5487772357e+1
112.14	15.48915359	1.548915359e+1
112.15	15.490534824	1.5490534824e+1
112.16	15.491916058	1.5491916058e+1
112.17	15.493297291	1.5493297291e+1
112.18	15.494678525	1.5494678525e+1
112.19	15.496059758	1.5496059758e+1
112.2	15.497440992	1.5497440992e+1
112.21	15.498822226	1.5498822226e+1
112.22	15.500203459	1.5500203459e+1
112.23	15.501584693	1.5501584693e+1
112.24	15.502965926	1.5502965926e+1

112.25	15.50434716	1.550434716e+1
112.26	15.505728394	1.5505728394e+1
112.27	15.507109627	1.5507109627e+1
112.28	15.508490861	1.5508490861e+1
112.29	15.509872094	1.5509872094e+1
112.3	15.511253328	1.5511253328e+1
112.31	15.512634562	1.5512634562e+1
112.32	15.514015795	1.5514015795e+1
112.33	15.515397029	1.5515397029e+1
112.34	15.516778262	1.5516778262e+1
112.35	15.518159496	1.5518159496e+1
112.36	15.51954073	1.551954073e+1
112.37	15.520921963	1.5520921963e+1
112.38	15.522303197	1.5522303197e+1
112.39	15.52368443	1.552368443e+1
112.4	15.525065664	1.5525065664e+1
112.41	15.526446898	1.5526446898e+1
112.42	15.527828131	1.5527828131e+1
112.43	15.529209365	1.5529209365e+1
112.44	15.530590598	1.5530590598e+1
112.45	15.531971832	1.5531971832e+1
112.46	15.533353066	1.5533353066e+1
112.47	15.534734299	1.5534734299e+1
112.48	15.536115533	1.5536115533e+1
112.49	15.537496766	1.5537496766e+1
112.5	15.538878	1.5538878e+1
112.51	15.540259234	1.5540259234e+1
112.52	15.541640467	1.5541640467e+1
112.53	15.543021701	1.5543021701e+1
112.54	15.544402934	1.5544402934e+1
112.55	15.545784168	1.5545784168e+1
112.56	15.547165402	1.5547165402e+1
112.57	15.548546635	1.5548546635e+1
112.58	15.549927869	1.5549927869e+1
112.59	15.551309102	1.5551309102e+1
112.6	15.552690336	1.5552690336e+1
112.61	15.55407157	1.555407157e+1
112.62	15.555452803	1.5555452803e+1

112.63	15.556834037	1.5556834037e+1
112.64	15.55821527	1.555821527e+1
112.65	15.559596504	1.5559596504e+1
112.66	15.560977738	1.5560977738e+1
112.67	15.562358971	1.5562358971e+1
112.68	15.563740205	1.5563740205e+1
112.69	15.565121438	1.5565121438e+1
112.7	15.566502672	1.5566502672e+1
112.71	15.567883906	1.5567883906e+1
112.72	15.569265139	1.5569265139e+1
112.73	15.570646373	1.5570646373e+1
112.74	15.572027606	1.5572027606e+1
112.75	15.57340884	1.557340884e+1
112.76	15.574790074	1.5574790074e+1
112.77	15.576171307	1.5576171307e+1
112.78	15.577552541	1.5577552541e+1
112.79	15.578933774	1.5578933774e+1
112.8	15.580315008	1.5580315008e+1
112.81	15.581696242	1.5581696242e+1
112.82	15.583077475	1.5583077475e+1
112.83	15.584458709	1.5584458709e+1
112.84	15.585839942	1.5585839942e+1
112.85	15.587221176	1.5587221176e+1
112.86	15.58860241	1.558860241e+1
112.87	15.589983643	1.5589983643e+1
112.88	15.591364877	1.5591364877e+1
112.89	15.59274611	1.559274611e+1
112.9	15.594127344	1.5594127344e+1
112.91	15.595508578	1.5595508578e+1
112.92	15.596889811	1.5596889811e+1
112.93	15.598271045	1.5598271045e+1
112.94	15.599652278	1.5599652278e+1
112.95	15.601033512	1.5601033512e+1
112.96	15.602414746	1.5602414746e+1
112.97	15.603795979	1.5603795979e+1
112.98	15.605177213	1.5605177213e+1
112.99	15.606558446	1.5606558446e+1
113	15.60793968	1.560793968e+1

113.01	15.609320914	1.5609320914e+1
113.02	15.610702147	1.5610702147e+1
113.03	15.612083381	1.5612083381e+1
113.04	15.613464614	1.5613464614e+1
113.05	15.614845848	1.5614845848e+1
113.06	15.616227082	1.5616227082e+1
113.07	15.617608315	1.5617608315e+1
113.08	15.618989549	1.5618989549e+1
113.09	15.620370782	1.5620370782e+1
113.1	15.621752016	1.5621752016e+1
113.11	15.62313325	1.562313325e+1
113.12	15.624514483	1.5624514483e+1
113.13	15.625895717	1.5625895717e+1
113.14	15.62727695	1.562727695e+1
113.15	15.628658184	1.5628658184e+1
113.16	15.630039418	1.5630039418e+1
113.17	15.631420651	1.5631420651e+1
113.18	15.632801885	1.5632801885e+1
113.19	15.634183118	1.5634183118e+1
113.2	15.635564352	1.5635564352e+1
113.21	15.636945586	1.5636945586e+1
113.22	15.638326819	1.5638326819e+1
113.23	15.639708053	1.5639708053e+1
113.24	15.641089286	1.5641089286e+1
113.25	15.64247052	1.564247052e+1
113.26	15.643851754	1.5643851754e+1
113.27	15.645232987	1.5645232987e+1
113.28	15.646614221	1.5646614221e+1
113.29	15.647995454	1.5647995454e+1
113.3	15.649376688	1.5649376688e+1
113.31	15.650757922	1.5650757922e+1
113.32	15.652139155	1.5652139155e+1
113.33	15.653520389	1.5653520389e+1
113.34	15.654901622	1.5654901622e+1
113.35	15.656282856	1.5656282856e+1
113.36	15.65766409	1.565766409e+1
113.37	15.659045323	1.5659045323e+1
113.38	15.660426557	1.5660426557e+1

113.39	15.66180779	1.566180779e+1
113.4	15.663189024	1.5663189024e+1
113.41	15.664570258	1.5664570258e+1
113.42	15.665951491	1.5665951491e+1
113.43	15.667332725	1.5667332725e+1
113.44	15.668713958	1.5668713958e+1
113.45	15.670095192	1.5670095192e+1
113.46	15.671476426	1.5671476426e+1
113.47	15.672857659	1.5672857659e+1
113.48	15.674238893	1.5674238893e+1
113.49	15.675620126	1.5675620126e+1
113.5	15.67700136	1.567700136e+1
113.51	15.678382594	1.5678382594e+1
113.52	15.679763827	1.5679763827e+1
113.53	15.681145061	1.5681145061e+1
113.54	15.682526294	1.5682526294e+1
113.55	15.683907528	1.5683907528e+1
113.56	15.685288762	1.5685288762e+1
113.57	15.686669995	1.5686669995e+1
113.58	15.688051229	1.5688051229e+1
113.59	15.689432462	1.5689432462e+1
113.6	15.690813696	1.5690813696e+1
113.61	15.69219493	1.569219493e+1
113.62	15.693576163	1.5693576163e+1
113.63	15.694957397	1.5694957397e+1
113.64	15.69633863	1.569633863e+1
113.65	15.697719864	1.5697719864e+1
113.66	15.699101098	1.5699101098e+1
113.67	15.700482331	1.5700482331e+1
113.68	15.701863565	1.5701863565e+1
113.69	15.703244798	1.5703244798e+1
113.7	15.704626032	1.5704626032e+1
113.71	15.706007266	1.5706007266e+1
113.72	15.707388499	1.5707388499e+1
113.73	15.708769733	1.5708769733e+1
113.74	15.710150966	1.5710150966e+1
113.75	15.7115322	1.57115322e+1
113.76	15.712913434	1.5712913434e+1

113.77	15.714294667	1.5714294667e+1
113.78	15.715675901	1.5715675901e+1
113.79	15.717057134	1.5717057134e+1
113.8	15.718438368	1.5718438368e+1
113.81	15.719819602	1.5719819602e+1
113.82	15.721200835	1.5721200835e+1
113.83	15.722582069	1.5722582069e+1
113.84	15.723963302	1.5723963302e+1
113.85	15.725344536	1.5725344536e+1
113.86	15.72672577	1.572672577e+1
113.87	15.728107003	1.5728107003e+1
113.88	15.729488237	1.5729488237e+1
113.89	15.73086947	1.573086947e+1
113.9	15.732250704	1.5732250704e+1
113.91	15.733631938	1.5733631938e+1
113.92	15.735013171	1.5735013171e+1
113.93	15.736394405	1.5736394405e+1
113.94	15.737775638	1.5737775638e+1
113.95	15.739156872	1.5739156872e+1
113.96	15.740538106	1.5740538106e+1
113.97	15.741919339	1.5741919339e+1
113.98	15.743300573	1.5743300573e+1
113.99	15.744681806	1.5744681806e+1
114	15.74606304	1.574606304e+1
114.01	15.747444274	1.5747444274e+1
114.02	15.748825507	1.5748825507e+1
114.03	15.750206741	1.5750206741e+1
114.04	15.751587974	1.5751587974e+1
114.05	15.752969208	1.5752969208e+1
114.06	15.754350442	1.5754350442e+1
114.07	15.755731675	1.5755731675e+1
114.08	15.757112909	1.5757112909e+1
114.09	15.758494142	1.5758494142e+1
114.1	15.759875376	1.5759875376e+1
114.11	15.76125661	1.576125661e+1
114.12	15.762637843	1.5762637843e+1
114.13	15.764019077	1.5764019077e+1
114.14	15.76540031	1.576540031e+1

114.15	15.766781544	1.5766781544e+1
114.16	15.768162778	1.5768162778e+1
114.17	15.769544011	1.5769544011e+1
114.18	15.770925245	1.5770925245e+1
114.19	15.772306478	1.5772306478e+1
114.2	15.773687712	1.5773687712e+1
114.21	15.775068946	1.5775068946e+1
114.22	15.776450179	1.5776450179e+1
114.23	15.777831413	1.5777831413e+1
114.24	15.779212646	1.5779212646e+1
114.25	15.78059388	1.578059388e+1
114.26	15.781975114	1.5781975114e+1
114.27	15.783356347	1.5783356347e+1
114.28	15.784737581	1.5784737581e+1
114.29	15.786118814	1.5786118814e+1
114.3	15.787500048	1.5787500048e+1
114.31	15.788881282	1.5788881282e+1
114.32	15.790262515	1.5790262515e+1
114.33	15.791643749	1.5791643749e+1
114.34	15.793024982	1.5793024982e+1
114.35	15.794406216	1.5794406216e+1
114.36	15.79578745	1.579578745e+1
114.37	15.797168683	1.5797168683e+1
114.38	15.798549917	1.5798549917e+1
114.39	15.79993115	1.579993115e+1
114.4	15.801312384	1.5801312384e+1
114.41	15.802693618	1.5802693618e+1
114.42	15.804074851	1.5804074851e+1
114.43	15.805456085	1.5805456085e+1
114.44	15.806837318	1.5806837318e+1
114.45	15.808218552	1.5808218552e+1
114.46	15.809599786	1.5809599786e+1
114.47	15.810981019	1.5810981019e+1
114.48	15.812362253	1.5812362253e+1
114.49	15.813743486	1.5813743486e+1
114.5	15.81512472	1.581512472e+1
114.51	15.816505954	1.5816505954e+1
114.52	15.817887187	1.5817887187e+1

114.53	15.819268421	1.5819268421e+1
114.54	15.820649654	1.5820649654e+1
114.55	15.822030888	1.5822030888e+1
114.56	15.823412122	1.5823412122e+1
114.57	15.824793355	1.5824793355e+1
114.58	15.826174589	1.5826174589e+1
114.59	15.827555822	1.58275555822e+1
114.6	15.828937056	1.5828937056e+1
114.61	15.83031829	1.583031829e+1
114.62	15.831699523	1.5831699523e+1
114.63	15.833080757	1.5833080757e+1
114.64	15.83446199	1.583446199e+1
114.65	15.835843224	1.5835843224e+1
114.66	15.837224458	1.5837224458e+1
114.67	15.838605691	1.5838605691e+1
114.68	15.839986925	1.5839986925e+1
114.69	15.841368158	1.5841368158e+1
114.7	15.842749392	1.5842749392e+1
114.71	15.844130626	1.5844130626e+1
114.72	15.845511859	1.5845511859e+1
114.73	15.846893093	1.5846893093e+1
114.74	15.848274326	1.5848274326e+1
114.75	15.84965556	1.5849655556e+1
114.76	15.851036794	1.5851036794e+1
114.77	15.852418027	1.5852418027e+1
114.78	15.853799261	1.5853799261e+1
114.79	15.855180494	1.5855180494e+1
114.8	15.856561728	1.5856561728e+1
114.81	15.857942962	1.5857942962e+1
114.82	15.859324195	1.5859324195e+1
114.83	15.860705429	1.5860705429e+1
114.84	15.862086662	1.5862086662e+1
114.85	15.863467896	1.5863467896e+1
114.86	15.86484913	1.586484913e+1
114.87	15.866230363	1.5866230363e+1
114.88	15.867611597	1.5867611597e+1
114.89	15.86899283	1.586899283e+1
114.9	15.870374064	1.5870374064e+1

114.91	15.871755298	1.5871755298e+1
114.92	15.873136531	1.5873136531e+1
114.93	15.874517765	1.5874517765e+1
114.94	15.875898998	1.5875898998e+1
114.95	15.877280232	1.5877280232e+1
114.96	15.878661466	1.5878661466e+1
114.97	15.880042699	1.5880042699e+1
114.98	15.881423933	1.5881423933e+1
114.99	15.882805166	1.5882805166e+1
115	15.8841864	1.58841864e+1
115.01	15.885567634	1.5885567634e+1
115.02	15.886948867	1.5886948867e+1
115.03	15.888330101	1.5888330101e+1
115.04	15.889711334	1.5889711334e+1
115.05	15.891092568	1.5891092568e+1
115.06	15.892473802	1.5892473802e+1
115.07	15.893855035	1.5893855035e+1
115.08	15.895236269	1.5895236269e+1
115.09	15.896617502	1.5896617502e+1
115.1	15.897998736	1.5897998736e+1
115.11	15.89937997	1.589937997e+1
115.12	15.900761203	1.5900761203e+1
115.13	15.902142437	1.5902142437e+1
115.14	15.90352367	1.590352367e+1
115.15	15.904904904	1.5904904904e+1
115.16	15.906286138	1.5906286138e+1
115.17	15.907667371	1.5907667371e+1
115.18	15.909048605	1.5909048605e+1
115.19	15.910429838	1.5910429838e+1
115.2	15.911811072	1.5911811072e+1
115.21	15.913192306	1.5913192306e+1
115.22	15.914573539	1.5914573539e+1
115.23	15.915954773	1.5915954773e+1
115.24	15.917336006	1.5917336006e+1
115.25	15.91871724	1.591871724e+1
115.26	15.920098474	1.5920098474e+1
115.27	15.921479707	1.5921479707e+1
115.28	15.922860941	1.5922860941e+1

115.29	15.924242174	1.5924242174e+1
115.3	15.925623408	1.5925623408e+1
115.31	15.927004642	1.5927004642e+1
115.32	15.928385875	1.5928385875e+1
115.33	15.929767109	1.5929767109e+1
115.34	15.931148342	1.5931148342e+1
115.35	15.932529576	1.5932529576e+1
115.36	15.93391081	1.593391081e+1
115.37	15.935292043	1.5935292043e+1
115.38	15.936673277	1.5936673277e+1
115.39	15.93805451	1.593805451e+1
115.4	15.939435744	1.5939435744e+1
115.41	15.940816978	1.5940816978e+1
115.42	15.942198211	1.5942198211e+1
115.43	15.943579445	1.5943579445e+1
115.44	15.944960678	1.5944960678e+1
115.45	15.946341912	1.5946341912e+1
115.46	15.947723146	1.5947723146e+1
115.47	15.949104379	1.5949104379e+1
115.48	15.950485613	1.5950485613e+1
115.49	15.951866846	1.5951866846e+1
115.5	15.95324808	1.595324808e+1
115.51	15.954629314	1.5954629314e+1
115.52	15.956010547	1.5956010547e+1
115.53	15.957391781	1.5957391781e+1
115.54	15.958773014	1.5958773014e+1
115.55	15.960154248	1.5960154248e+1
115.56	15.961535482	1.5961535482e+1
115.57	15.962916715	1.5962916715e+1
115.58	15.964297949	1.5964297949e+1
115.59	15.965679182	1.5965679182e+1
115.6	15.967060416	1.5967060416e+1
115.61	15.96844165	1.596844165e+1
115.62	15.969822883	1.5969822883e+1
115.63	15.971204117	1.5971204117e+1
115.64	15.97258535	1.597258535e+1
115.65	15.973966584	1.5973966584e+1
115.66	15.975347818	1.5975347818e+1

115.67	15.976729051	1.5976729051e+1
115.68	15.978110285	1.5978110285e+1
115.69	15.979491518	1.5979491518e+1
115.7	15.980872752	1.5980872752e+1
115.71	15.982253986	1.5982253986e+1
115.72	15.983635219	1.5983635219e+1
115.73	15.985016453	1.5985016453e+1
115.74	15.986397686	1.5986397686e+1
115.75	15.98777892	1.598777892e+1
115.76	15.989160154	1.5989160154e+1
115.77	15.990541387	1.5990541387e+1
115.78	15.991922621	1.5991922621e+1
115.79	15.993303854	1.5993303854e+1
115.8	15.994685088	1.5994685088e+1
115.81	15.996066322	1.5996066322e+1
115.82	15.997447555	1.5997447555e+1
115.83	15.998828789	1.5998828789e+1
115.84	16.000210022	1.6000210022e+1
115.85	16.001591256	1.6001591256e+1
115.86	16.00297249	1.600297249e+1
115.87	16.004353723	1.6004353723e+1
115.88	16.005734957	1.6005734957e+1
115.89	16.00711619	1.600711619e+1
115.9	16.008497424	1.6008497424e+1
115.91	16.009878658	1.6009878658e+1
115.92	16.011259891	1.6011259891e+1
115.93	16.012641125	1.6012641125e+1
115.94	16.014022358	1.6014022358e+1
115.95	16.015403592	1.6015403592e+1
115.96	16.016784826	1.6016784826e+1
115.97	16.018166059	1.6018166059e+1
115.98	16.019547293	1.6019547293e+1
115.99	16.020928526	1.6020928526e+1
116	16.02230976	1.602230976e+1
116.01	16.023690994	1.6023690994e+1
116.02	16.025072227	1.6025072227e+1
116.03	16.026453461	1.6026453461e+1
116.04	16.027834694	1.6027834694e+1

116.05	16.029215928	1.6029215928e+1
116.06	16.030597162	1.6030597162e+1
116.07	16.031978395	1.6031978395e+1
116.08	16.033359629	1.6033359629e+1
116.09	16.034740862	1.6034740862e+1
116.1	16.036122096	1.6036122096e+1
116.11	16.03750333	1.603750333e+1
116.12	16.038884563	1.6038884563e+1
116.13	16.040265797	1.6040265797e+1
116.14	16.04164703	1.604164703e+1
116.15	16.043028264	1.6043028264e+1
116.16	16.044409498	1.6044409498e+1
116.17	16.045790731	1.6045790731e+1
116.18	16.047171965	1.6047171965e+1
116.19	16.048553198	1.6048553198e+1
116.2	16.049934432	1.6049934432e+1
116.21	16.051315666	1.6051315666e+1
116.22	16.052696899	1.6052696899e+1
116.23	16.054078133	1.6054078133e+1
116.24	16.055459366	1.6055459366e+1
116.25	16.0568406	1.60568406e+1
116.26	16.058221834	1.6058221834e+1
116.27	16.059603067	1.6059603067e+1
116.28	16.060984301	1.6060984301e+1
116.29	16.062365534	1.6062365534e+1
116.3	16.063746768	1.6063746768e+1
116.31	16.065128002	1.6065128002e+1
116.32	16.066509235	1.6066509235e+1
116.33	16.067890469	1.6067890469e+1
116.34	16.069271702	1.6069271702e+1
116.35	16.070652936	1.6070652936e+1
116.36	16.07203417	1.607203417e+1
116.37	16.073415403	1.6073415403e+1
116.38	16.074796637	1.6074796637e+1
116.39	16.07617787	1.607617787e+1
116.4	16.077559104	1.6077559104e+1
116.41	16.078940338	1.6078940338e+1
116.42	16.080321571	1.6080321571e+1

116.43	16.081702805	1.6081702805e+1
116.44	16.083084038	1.6083084038e+1
116.45	16.084465272	1.6084465272e+1
116.46	16.085846506	1.6085846506e+1
116.47	16.087227739	1.6087227739e+1
116.48	16.088608973	1.6088608973e+1
116.49	16.089990206	1.6089990206e+1
116.5	16.09137144	1.609137144e+1
116.51	16.092752674	1.6092752674e+1
116.52	16.094133907	1.6094133907e+1
116.53	16.095515141	1.6095515141e+1
116.54	16.096896374	1.6096896374e+1
116.55	16.098277608	1.6098277608e+1
116.56	16.099658842	1.6099658842e+1
116.57	16.101040075	1.6101040075e+1
116.58	16.102421309	1.6102421309e+1
116.59	16.103802542	1.6103802542e+1
116.6	16.105183776	1.6105183776e+1
116.61	16.10656501	1.610656501e+1
116.62	16.107946243	1.6107946243e+1
116.63	16.109327477	1.6109327477e+1
116.64	16.11070871	1.611070871e+1
116.65	16.112089944	1.6112089944e+1
116.66	16.113471178	1.6113471178e+1
116.67	16.114852411	1.6114852411e+1
116.68	16.116233645	1.6116233645e+1
116.69	16.117614878	1.6117614878e+1
116.7	16.118996112	1.6118996112e+1
116.71	16.120377346	1.6120377346e+1
116.72	16.121758579	1.6121758579e+1
116.73	16.123139813	1.6123139813e+1
116.74	16.124521046	1.6124521046e+1
116.75	16.12590228	1.612590228e+1
116.76	16.127283514	1.6127283514e+1
116.77	16.128664747	1.6128664747e+1
116.78	16.130045981	1.6130045981e+1
116.79	16.131427214	1.6131427214e+1
116.8	16.132808448	1.6132808448e+1

116.81	16.134189682	1.6134189682e+1
116.82	16.135570915	1.6135570915e+1
116.83	16.136952149	1.6136952149e+1
116.84	16.138333382	1.6138333382e+1
116.85	16.139714616	1.6139714616e+1
116.86	16.14109585	1.614109585e+1
116.87	16.142477083	1.6142477083e+1
116.88	16.143858317	1.6143858317e+1
116.89	16.14523955	1.614523955e+1
116.9	16.146620784	1.6146620784e+1
116.91	16.148002018	1.6148002018e+1
116.92	16.149383251	1.6149383251e+1
116.93	16.150764485	1.6150764485e+1
116.94	16.152145718	1.6152145718e+1
116.95	16.153526952	1.6153526952e+1
116.96	16.154908186	1.6154908186e+1
116.97	16.156289419	1.6156289419e+1
116.98	16.157670653	1.6157670653e+1
116.99	16.159051886	1.6159051886e+1
117	16.16043312	1.616043312e+1
117.01	16.161814354	1.6161814354e+1
117.02	16.163195587	1.6163195587e+1
117.03	16.164576821	1.6164576821e+1
117.04	16.165958054	1.6165958054e+1
117.05	16.167339288	1.6167339288e+1
117.06	16.168720522	1.6168720522e+1
117.07	16.170101755	1.6170101755e+1
117.08	16.171482989	1.6171482989e+1
117.09	16.172864222	1.6172864222e+1
117.1	16.174245456	1.6174245456e+1
117.11	16.17562669	1.617562669e+1
117.12	16.177007923	1.6177007923e+1
117.13	16.178389157	1.6178389157e+1
117.14	16.17977039	1.617977039e+1
117.15	16.181151624	1.6181151624e+1
117.16	16.182532858	1.6182532858e+1
117.17	16.183914091	1.6183914091e+1
117.18	16.185295325	1.6185295325e+1

117.19	16.186676558	1.6186676558e+1
117.2	16.188057792	1.6188057792e+1
117.21	16.189439026	1.6189439026e+1
117.22	16.190820259	1.6190820259e+1
117.23	16.192201493	1.6192201493e+1
117.24	16.193582726	1.6193582726e+1
117.25	16.19496396	1.619496396e+1
117.26	16.196345194	1.6196345194e+1
117.27	16.197726427	1.6197726427e+1
117.28	16.199107661	1.6199107661e+1
117.29	16.200488894	1.6200488894e+1
117.3	16.201870128	1.6201870128e+1
117.31	16.203251362	1.6203251362e+1
117.32	16.204632595	1.6204632595e+1
117.33	16.206013829	1.6206013829e+1
117.34	16.207395062	1.6207395062e+1
117.35	16.208776296	1.6208776296e+1
117.36	16.21015753	1.621015753e+1
117.37	16.211538763	1.6211538763e+1
117.38	16.212919997	1.6212919997e+1
117.39	16.21430123	1.621430123e+1
117.4	16.215682464	1.6215682464e+1
117.41	16.217063698	1.6217063698e+1
117.42	16.218444931	1.6218444931e+1
117.43	16.219826165	1.6219826165e+1
117.44	16.221207398	1.6221207398e+1
117.45	16.222588632	1.6222588632e+1
117.46	16.223969866	1.6223969866e+1
117.47	16.225351099	1.6225351099e+1
117.48	16.226732333	1.6226732333e+1
117.49	16.228113566	1.6228113566e+1
117.5	16.2294948	1.62294948e+1
117.51	16.230876034	1.6230876034e+1
117.52	16.232257267	1.6232257267e+1
117.53	16.233638501	1.6233638501e+1
117.54	16.235019734	1.6235019734e+1
117.55	16.236400968	1.6236400968e+1
117.56	16.237782202	1.6237782202e+1

117.57	16.239163435	1.6239163435e+1
117.58	16.240544669	1.6240544669e+1
117.59	16.241925902	1.6241925902e+1
117.6	16.243307136	1.6243307136e+1
117.61	16.24468837	1.624468837e+1
117.62	16.246069603	1.6246069603e+1
117.63	16.247450837	1.6247450837e+1
117.64	16.24883207	1.624883207e+1
117.65	16.250213304	1.6250213304e+1
117.66	16.251594538	1.6251594538e+1
117.67	16.252975771	1.6252975771e+1
117.68	16.254357005	1.6254357005e+1
117.69	16.255738238	1.6255738238e+1
117.7	16.257119472	1.6257119472e+1
117.71	16.258500706	1.6258500706e+1
117.72	16.259881939	1.6259881939e+1
117.73	16.261263173	1.6261263173e+1
117.74	16.262644406	1.6262644406e+1
117.75	16.26402564	1.626402564e+1
117.76	16.265406874	1.6265406874e+1
117.77	16.266788107	1.6266788107e+1
117.78	16.268169341	1.6268169341e+1
117.79	16.269550574	1.6269550574e+1
117.8	16.270931808	1.6270931808e+1
117.81	16.272313042	1.6272313042e+1
117.82	16.273694275	1.6273694275e+1
117.83	16.275075509	1.6275075509e+1
117.84	16.276456742	1.6276456742e+1
117.85	16.277837976	1.6277837976e+1
117.86	16.27921921	1.627921921e+1
117.87	16.280600443	1.6280600443e+1
117.88	16.281981677	1.6281981677e+1
117.89	16.28336291	1.628336291e+1
117.9	16.284744144	1.6284744144e+1
117.91	16.286125378	1.6286125378e+1
117.92	16.287506611	1.6287506611e+1
117.93	16.288887845	1.6288887845e+1
117.94	16.290269078	1.6290269078e+1

117.95	16.291650312	1.6291650312e+1
117.96	16.293031546	1.6293031546e+1
117.97	16.294412779	1.6294412779e+1
117.98	16.295794013	1.6295794013e+1
117.99	16.297175246	1.6297175246e+1
118	16.29855648	1.629855648e+1
118.01	16.299937714	1.6299937714e+1
118.02	16.301318947	1.6301318947e+1
118.03	16.302700181	1.6302700181e+1
118.04	16.304081414	1.6304081414e+1
118.05	16.305462648	1.6305462648e+1
118.06	16.306843882	1.6306843882e+1
118.07	16.308225115	1.6308225115e+1
118.08	16.309606349	1.6309606349e+1
118.09	16.310987582	1.6310987582e+1
118.1	16.312368816	1.6312368816e+1
118.11	16.31375005	1.631375005e+1
118.12	16.315131283	1.6315131283e+1
118.13	16.316512517	1.6316512517e+1
118.14	16.31789375	1.631789375e+1
118.15	16.319274984	1.6319274984e+1
118.16	16.320656218	1.6320656218e+1
118.17	16.322037451	1.6322037451e+1
118.18	16.323418685	1.6323418685e+1
118.19	16.324799918	1.6324799918e+1
118.2	16.326181152	1.6326181152e+1
118.21	16.327562386	1.6327562386e+1
118.22	16.328943619	1.6328943619e+1
118.23	16.330324853	1.6330324853e+1
118.24	16.331706086	1.6331706086e+1
118.25	16.33308732	1.633308732e+1
118.26	16.334468554	1.6334468554e+1
118.27	16.335849787	1.6335849787e+1
118.28	16.337231021	1.6337231021e+1
118.29	16.338612254	1.6338612254e+1
118.3	16.339993488	1.6339993488e+1
118.31	16.341374722	1.6341374722e+1
118.32	16.342755955	1.6342755955e+1

118.33	16.344137189	1.6344137189e+1
118.34	16.345518422	1.6345518422e+1
118.35	16.346899656	1.6346899656e+1
118.36	16.34828089	1.634828089e+1
118.37	16.349662123	1.6349662123e+1
118.38	16.351043357	1.6351043357e+1
118.39	16.35242459	1.635242459e+1
118.4	16.353805824	1.6353805824e+1
118.41	16.355187058	1.6355187058e+1
118.42	16.356568291	1.6356568291e+1
118.43	16.357949525	1.6357949525e+1
118.44	16.359330758	1.6359330758e+1
118.45	16.360711992	1.6360711992e+1
118.46	16.362093226	1.6362093226e+1
118.47	16.363474459	1.6363474459e+1
118.48	16.364855693	1.6364855693e+1
118.49	16.366236926	1.6366236926e+1
118.5	16.36761816	1.636761816e+1
118.51	16.368999394	1.6368999394e+1
118.52	16.370380627	1.6370380627e+1
118.53	16.371761861	1.6371761861e+1
118.54	16.373143094	1.6373143094e+1
118.55	16.374524328	1.6374524328e+1
118.56	16.375905562	1.6375905562e+1
118.57	16.377286795	1.6377286795e+1
118.58	16.378668029	1.6378668029e+1
118.59	16.380049262	1.6380049262e+1
118.6	16.381430496	1.6381430496e+1
118.61	16.38281173	1.638281173e+1
118.62	16.384192963	1.6384192963e+1
118.63	16.385574197	1.6385574197e+1
118.64	16.38695543	1.638695543e+1
118.65	16.388336664	1.6388336664e+1
118.66	16.389717898	1.6389717898e+1
118.67	16.391099131	1.6391099131e+1
118.68	16.392480365	1.6392480365e+1
118.69	16.393861598	1.6393861598e+1
118.7	16.395242832	1.6395242832e+1

118.71	16.396624066	1.6396624066e+1
118.72	16.398005299	1.6398005299e+1
118.73	16.399386533	1.6399386533e+1
118.74	16.400767766	1.6400767766e+1
118.75	16.402149	1.6402149e+1
118.76	16.403530234	1.6403530234e+1
118.77	16.404911467	1.6404911467e+1
118.78	16.406292701	1.6406292701e+1
118.79	16.407673934	1.6407673934e+1
118.8	16.409055168	1.6409055168e+1
118.81	16.410436402	1.6410436402e+1
118.82	16.411817635	1.6411817635e+1
118.83	16.413198869	1.6413198869e+1
118.84	16.414580102	1.6414580102e+1
118.85	16.415961336	1.6415961336e+1
118.86	16.41734257	1.641734257e+1
118.87	16.418723803	1.6418723803e+1
118.88	16.420105037	1.6420105037e+1
118.89	16.42148627	1.642148627e+1
118.9	16.422867504	1.6422867504e+1
118.91	16.424248738	1.6424248738e+1
118.92	16.425629971	1.6425629971e+1
118.93	16.427011205	1.6427011205e+1
118.94	16.428392438	1.6428392438e+1
118.95	16.429773672	1.6429773672e+1
118.96	16.431154906	1.6431154906e+1
118.97	16.432536139	1.6432536139e+1
118.98	16.433917373	1.6433917373e+1
118.99	16.435298606	1.6435298606e+1
119	16.43667984	1.643667984e+1
119.01	16.438061074	1.6438061074e+1
119.02	16.439442307	1.6439442307e+1
119.03	16.440823541	1.6440823541e+1
119.04	16.442204774	1.6442204774e+1
119.05	16.443586008	1.6443586008e+1
119.06	16.444967242	1.6444967242e+1
119.07	16.446348475	1.6446348475e+1
119.08	16.447729709	1.6447729709e+1

119.09	16.449110942	1.6449110942e+1
119.1	16.450492176	1.6450492176e+1
119.11	16.45187341	1.645187341e+1
119.12	16.453254643	1.6453254643e+1
119.13	16.454635877	1.6454635877e+1
119.14	16.45601711	1.645601711e+1
119.15	16.457398344	1.6457398344e+1
119.16	16.458779578	1.6458779578e+1
119.17	16.460160811	1.6460160811e+1
119.18	16.461542045	1.6461542045e+1
119.19	16.462923278	1.6462923278e+1
119.2	16.464304512	1.6464304512e+1
119.21	16.465685746	1.6465685746e+1
119.22	16.467066979	1.6467066979e+1
119.23	16.468448213	1.6468448213e+1
119.24	16.469829446	1.6469829446e+1
119.25	16.47121068	1.647121068e+1
119.26	16.472591914	1.6472591914e+1
119.27	16.473973147	1.6473973147e+1
119.28	16.475354381	1.6475354381e+1
119.29	16.476735614	1.6476735614e+1
119.3	16.478116848	1.6478116848e+1
119.31	16.479498082	1.6479498082e+1
119.32	16.480879315	1.6480879315e+1
119.33	16.482260549	1.6482260549e+1
119.34	16.483641782	1.6483641782e+1
119.35	16.485023016	1.6485023016e+1
119.36	16.48640425	1.648640425e+1
119.37	16.487785483	1.6487785483e+1
119.38	16.489166717	1.6489166717e+1
119.39	16.49054795	1.649054795e+1
119.4	16.491929184	1.6491929184e+1
119.41	16.493310418	1.6493310418e+1
119.42	16.494691651	1.6494691651e+1
119.43	16.496072885	1.6496072885e+1
119.44	16.497454118	1.6497454118e+1
119.45	16.498835352	1.6498835352e+1
119.46	16.500216586	1.6500216586e+1

119.47	16.501597819	1.6501597819e+1
119.48	16.502979053	1.6502979053e+1
119.49	16.504360286	1.6504360286e+1
119.5	16.50574152	1.650574152e+1
119.51	16.507122754	1.6507122754e+1
119.52	16.508503987	1.6508503987e+1
119.53	16.509885221	1.6509885221e+1
119.54	16.511266454	1.6511266454e+1
119.55	16.512647688	1.6512647688e+1
119.56	16.514028922	1.6514028922e+1
119.57	16.515410155	1.6515410155e+1
119.58	16.516791389	1.6516791389e+1
119.59	16.518172622	1.6518172622e+1
119.6	16.519553856	1.6519553856e+1
119.61	16.52093509	1.652093509e+1
119.62	16.522316323	1.6522316323e+1
119.63	16.523697557	1.6523697557e+1
119.64	16.52507879	1.652507879e+1
119.65	16.526460024	1.6526460024e+1
119.66	16.527841258	1.6527841258e+1
119.67	16.529222491	1.6529222491e+1
119.68	16.530603725	1.6530603725e+1
119.69	16.531984958	1.6531984958e+1
119.7	16.533366192	1.6533366192e+1
119.71	16.534747426	1.6534747426e+1
119.72	16.536128659	1.6536128659e+1
119.73	16.537509893	1.6537509893e+1
119.74	16.538891126	1.6538891126e+1
119.75	16.54027236	1.654027236e+1
119.76	16.541653594	1.6541653594e+1
119.77	16.543034827	1.6543034827e+1
119.78	16.544416061	1.6544416061e+1
119.79	16.545797294	1.6545797294e+1
119.8	16.547178528	1.6547178528e+1
119.81	16.548559762	1.6548559762e+1
119.82	16.549940995	1.6549940995e+1
119.83	16.551322229	1.6551322229e+1
119.84	16.552703462	1.6552703462e+1

119.85	16.554084696	1.6554084696e+1
119.86	16.55546593	1.655546593e+1
119.87	16.556847163	1.6556847163e+1
119.88	16.558228397	1.6558228397e+1
119.89	16.55960963	1.655960963e+1
119.9	16.560990864	1.6560990864e+1
119.91	16.562372098	1.6562372098e+1
119.92	16.563753331	1.6563753331e+1
119.93	16.565134565	1.6565134565e+1
119.94	16.566515798	1.6566515798e+1
119.95	16.567897032	1.6567897032e+1
119.96	16.569278266	1.6569278266e+1
119.97	16.570659499	1.6570659499e+1
119.98	16.572040733	1.6572040733e+1
119.99	16.573421966	1.6573421966e+1
120	16.5748032	1.65748032e+1
120.01	16.576184434	1.6576184434e+1
120.02	16.577565667	1.6577565667e+1
120.03	16.578946901	1.6578946901e+1
120.04	16.580328134	1.6580328134e+1
120.05	16.581709368	1.6581709368e+1
120.06	16.583090602	1.6583090602e+1
120.07	16.584471835	1.6584471835e+1
120.08	16.585853069	1.6585853069e+1
120.09	16.587234302	1.6587234302e+1
120.1	16.588615536	1.6588615536e+1
120.11	16.58999677	1.658999677e+1
120.12	16.591378003	1.6591378003e+1
120.13	16.592759237	1.6592759237e+1
120.14	16.59414047	1.659414047e+1
120.15	16.595521704	1.6595521704e+1
120.16	16.596902938	1.6596902938e+1
120.17	16.598284171	1.6598284171e+1
120.18	16.599665405	1.6599665405e+1
120.19	16.601046638	1.6601046638e+1
120.2	16.602427872	1.6602427872e+1
120.21	16.603809106	1.6603809106e+1
120.22	16.605190339	1.6605190339e+1

120.23	16.606571573	1.6606571573e+1
120.24	16.607952806	1.6607952806e+1
120.25	16.60933404	1.660933404e+1
120.26	16.610715274	1.6610715274e+1
120.27	16.612096507	1.6612096507e+1
120.28	16.613477741	1.6613477741e+1
120.29	16.614858974	1.6614858974e+1
120.3	16.616240208	1.6616240208e+1
120.31	16.617621442	1.6617621442e+1
120.32	16.619002675	1.6619002675e+1
120.33	16.620383909	1.6620383909e+1
120.34	16.621765142	1.6621765142e+1
120.35	16.623146376	1.6623146376e+1
120.36	16.62452761	1.662452761e+1
120.37	16.625908843	1.6625908843e+1
120.38	16.627290077	1.6627290077e+1
120.39	16.62867131	1.662867131e+1
120.4	16.630052544	1.6630052544e+1
120.41	16.631433778	1.6631433778e+1
120.42	16.632815011	1.6632815011e+1
120.43	16.634196245	1.6634196245e+1
120.44	16.635577478	1.6635577478e+1
120.45	16.636958712	1.6636958712e+1
120.46	16.638339946	1.6638339946e+1
120.47	16.639721179	1.6639721179e+1
120.48	16.641102413	1.6641102413e+1
120.49	16.642483646	1.6642483646e+1
120.5	16.64386488	1.664386488e+1
120.51	16.645246114	1.6645246114e+1
120.52	16.646627347	1.6646627347e+1
120.53	16.648008581	1.6648008581e+1
120.54	16.649389814	1.6649389814e+1
120.55	16.650771048	1.6650771048e+1
120.56	16.652152282	1.6652152282e+1
120.57	16.653533515	1.6653533515e+1
120.58	16.654914749	1.6654914749e+1
120.59	16.656295982	1.6656295982e+1
120.6	16.657677216	1.6657677216e+1

120.61	16.65905845	1.665905845e+1
120.62	16.660439683	1.6660439683e+1
120.63	16.661820917	1.6661820917e+1
120.64	16.66320215	1.666320215e+1
120.65	16.664583384	1.6664583384e+1
120.66	16.665964618	1.6665964618e+1
120.67	16.667345851	1.6667345851e+1
120.68	16.668727085	1.6668727085e+1
120.69	16.670108318	1.6670108318e+1
120.7	16.671489552	1.6671489552e+1
120.71	16.672870786	1.6672870786e+1
120.72	16.674252019	1.6674252019e+1
120.73	16.675633253	1.6675633253e+1
120.74	16.677014486	1.6677014486e+1
120.75	16.67839572	1.667839572e+1
120.76	16.679776954	1.6679776954e+1
120.77	16.681158187	1.6681158187e+1
120.78	16.682539421	1.6682539421e+1
120.79	16.683920654	1.6683920654e+1
120.8	16.685301888	1.6685301888e+1
120.81	16.686683122	1.6686683122e+1
120.82	16.688064355	1.6688064355e+1
120.83	16.689445589	1.6689445589e+1
120.84	16.690826822	1.6690826822e+1
120.85	16.692208056	1.6692208056e+1
120.86	16.69358929	1.669358929e+1
120.87	16.694970523	1.6694970523e+1
120.88	16.696351757	1.6696351757e+1
120.89	16.69773299	1.669773299e+1
120.9	16.699114224	1.6699114224e+1
120.91	16.700495458	1.6700495458e+1
120.92	16.701876691	1.6701876691e+1
120.93	16.703257925	1.6703257925e+1
120.94	16.704639158	1.6704639158e+1
120.95	16.706020392	1.6706020392e+1
120.96	16.707401626	1.6707401626e+1
120.97	16.708782859	1.6708782859e+1
120.98	16.710164093	1.6710164093e+1

120.99	16.711545326	1.6711545326e+1
121	16.71292656	1.671292656e+1
121.01	16.714307794	1.6714307794e+1
121.02	16.715689027	1.6715689027e+1
121.03	16.717070261	1.6717070261e+1
121.04	16.718451494	1.6718451494e+1
121.05	16.719832728	1.6719832728e+1
121.06	16.721213962	1.6721213962e+1
121.07	16.722595195	1.6722595195e+1
121.08	16.723976429	1.6723976429e+1
121.09	16.725357662	1.6725357662e+1
121.1	16.726738896	1.6726738896e+1
121.11	16.72812013	1.672812013e+1
121.12	16.729501363	1.6729501363e+1
121.13	16.730882597	1.6730882597e+1
121.14	16.73226383	1.673226383e+1
121.15	16.733645064	1.6733645064e+1
121.16	16.735026298	1.6735026298e+1
121.17	16.736407531	1.6736407531e+1
121.18	16.737788765	1.6737788765e+1
121.19	16.739169998	1.6739169998e+1
121.2	16.740551232	1.6740551232e+1
121.21	16.741932466	1.6741932466e+1
121.22	16.743313699	1.6743313699e+1
121.23	16.744694933	1.6744694933e+1
121.24	16.746076166	1.6746076166e+1
121.25	16.7474574	1.67474574e+1
121.26	16.748838634	1.6748838634e+1
121.27	16.750219867	1.6750219867e+1
121.28	16.751601101	1.6751601101e+1
121.29	16.752982334	1.6752982334e+1
121.3	16.754363568	1.6754363568e+1
121.31	16.755744802	1.6755744802e+1
121.32	16.757126035	1.6757126035e+1
121.33	16.758507269	1.6758507269e+1
121.34	16.759888502	1.6759888502e+1
121.35	16.761269736	1.6761269736e+1
121.36	16.76265097	1.676265097e+1

121.37	16.764032203	1.6764032203e+1
121.38	16.765413437	1.6765413437e+1
121.39	16.76679467	1.676679467e+1
121.4	16.768175904	1.6768175904e+1
121.41	16.769557138	1.6769557138e+1
121.42	16.770938371	1.6770938371e+1
121.43	16.772319605	1.6772319605e+1
121.44	16.773700838	1.6773700838e+1
121.45	16.775082072	1.6775082072e+1
121.46	16.776463306	1.6776463306e+1
121.47	16.777844539	1.6777844539e+1
121.48	16.779225773	1.6779225773e+1
121.49	16.780607006	1.6780607006e+1
121.5	16.78198824	1.678198824e+1
121.51	16.783369474	1.6783369474e+1
121.52	16.784750707	1.6784750707e+1
121.53	16.786131941	1.6786131941e+1
121.54	16.787513174	1.6787513174e+1
121.55	16.788894408	1.6788894408e+1
121.56	16.790275642	1.6790275642e+1
121.57	16.791656875	1.6791656875e+1
121.58	16.793038109	1.6793038109e+1
121.59	16.794419342	1.6794419342e+1
121.6	16.795800576	1.6795800576e+1
121.61	16.79718181	1.679718181e+1
121.62	16.798563043	1.6798563043e+1
121.63	16.799944277	1.6799944277e+1
121.64	16.80132551	1.680132551e+1
121.65	16.802706744	1.6802706744e+1
121.66	16.804087978	1.6804087978e+1
121.67	16.805469211	1.6805469211e+1
121.68	16.806850445	1.6806850445e+1
121.69	16.808231678	1.6808231678e+1
121.7	16.809612912	1.6809612912e+1
121.71	16.810994146	1.6810994146e+1
121.72	16.812375379	1.6812375379e+1
121.73	16.813756613	1.6813756613e+1
121.74	16.815137846	1.6815137846e+1

121.75	16.81651908	1.681651908e+1
121.76	16.817900314	1.6817900314e+1
121.77	16.819281547	1.6819281547e+1
121.78	16.820662781	1.6820662781e+1
121.79	16.822044014	1.6822044014e+1
121.8	16.823425248	1.6823425248e+1
121.81	16.824806482	1.6824806482e+1
121.82	16.826187715	1.6826187715e+1
121.83	16.827568949	1.6827568949e+1
121.84	16.828950182	1.6828950182e+1
121.85	16.830331416	1.6830331416e+1
121.86	16.83171265	1.683171265e+1
121.87	16.833093883	1.6833093883e+1
121.88	16.834475117	1.6834475117e+1
121.89	16.83585635	1.683585635e+1
121.9	16.837237584	1.6837237584e+1
121.91	16.838618818	1.6838618818e+1
121.92	16.840000051	1.6840000051e+1
121.93	16.841381285	1.6841381285e+1
121.94	16.842762518	1.6842762518e+1
121.95	16.844143752	1.6844143752e+1
121.96	16.845524986	1.6845524986e+1
121.97	16.846906219	1.6846906219e+1
121.98	16.848287453	1.6848287453e+1
121.99	16.849668686	1.6849668686e+1
122	16.85104992	1.685104992e+1
122.01	16.852431154	1.6852431154e+1
122.02	16.853812387	1.6853812387e+1
122.03	16.855193621	1.6855193621e+1
122.04	16.856574854	1.6856574854e+1
122.05	16.857956088	1.6857956088e+1
122.06	16.859337322	1.6859337322e+1
122.07	16.860718555	1.6860718555e+1
122.08	16.862099789	1.6862099789e+1
122.09	16.863481022	1.6863481022e+1
122.1	16.864862256	1.6864862256e+1
122.11	16.86624349	1.686624349e+1
122.12	16.867624723	1.6867624723e+1

122.13	16.869005957	1.6869005957e+1
122.14	16.87038719	1.687038719e+1
122.15	16.871768424	1.6871768424e+1
122.16	16.873149658	1.6873149658e+1
122.17	16.874530891	1.6874530891e+1
122.18	16.875912125	1.6875912125e+1
122.19	16.877293358	1.6877293358e+1
122.2	16.878674592	1.6878674592e+1
122.21	16.880055826	1.6880055826e+1
122.22	16.881437059	1.6881437059e+1
122.23	16.882818293	1.6882818293e+1
122.24	16.884199526	1.6884199526e+1
122.25	16.88558076	1.688558076e+1
122.26	16.886961994	1.6886961994e+1
122.27	16.888343227	1.6888343227e+1
122.28	16.889724461	1.6889724461e+1
122.29	16.891105694	1.6891105694e+1
122.3	16.892486928	1.6892486928e+1
122.31	16.893868162	1.6893868162e+1
122.32	16.895249395	1.6895249395e+1
122.33	16.896630629	1.6896630629e+1
122.34	16.898011862	1.6898011862e+1
122.35	16.899393096	1.6899393096e+1
122.36	16.90077433	1.690077433e+1
122.37	16.902155563	1.6902155563e+1
122.38	16.903536797	1.6903536797e+1
122.39	16.90491803	1.690491803e+1
122.4	16.906299264	1.6906299264e+1
122.41	16.907680498	1.6907680498e+1
122.42	16.909061731	1.6909061731e+1
122.43	16.910442965	1.6910442965e+1
122.44	16.911824198	1.6911824198e+1
122.45	16.913205432	1.6913205432e+1
122.46	16.914586666	1.6914586666e+1
122.47	16.915967899	1.6915967899e+1
122.48	16.917349133	1.6917349133e+1
122.49	16.918730366	1.6918730366e+1
122.5	16.9201116	1.69201116e+1

122.51	16.921492834	1.6921492834e+1
122.52	16.922874067	1.6922874067e+1
122.53	16.924255301	1.6924255301e+1
122.54	16.925636534	1.6925636534e+1
122.55	16.927017768	1.6927017768e+1
122.56	16.928399002	1.6928399002e+1
122.57	16.929780235	1.6929780235e+1
122.58	16.931161469	1.6931161469e+1
122.59	16.932542702	1.6932542702e+1
122.6	16.933923936	1.6933923936e+1
122.61	16.93530517	1.693530517e+1
122.62	16.936686403	1.6936686403e+1
122.63	16.938067637	1.6938067637e+1
122.64	16.93944887	1.693944887e+1
122.65	16.940830104	1.6940830104e+1
122.66	16.942211338	1.6942211338e+1
122.67	16.943592571	1.6943592571e+1
122.68	16.944973805	1.6944973805e+1
122.69	16.946355038	1.6946355038e+1
122.7	16.947736272	1.6947736272e+1
122.71	16.949117506	1.6949117506e+1
122.72	16.950498739	1.6950498739e+1
122.73	16.951879973	1.6951879973e+1
122.74	16.953261206	1.6953261206e+1
122.75	16.95464244	1.695464244e+1
122.76	16.956023674	1.6956023674e+1
122.77	16.957404907	1.6957404907e+1
122.78	16.958786141	1.6958786141e+1
122.79	16.960167374	1.6960167374e+1
122.8	16.961548608	1.6961548608e+1
122.81	16.962929842	1.6962929842e+1
122.82	16.964311075	1.6964311075e+1
122.83	16.965692309	1.6965692309e+1
122.84	16.967073542	1.6967073542e+1
122.85	16.968454776	1.6968454776e+1
122.86	16.96983601	1.696983601e+1
122.87	16.971217243	1.6971217243e+1
122.88	16.972598477	1.6972598477e+1

122.89	16.97397971	1.697397971e+1
122.9	16.975360944	1.6975360944e+1
122.91	16.976742178	1.6976742178e+1
122.92	16.978123411	1.6978123411e+1
122.93	16.979504645	1.6979504645e+1
122.94	16.980885878	1.6980885878e+1
122.95	16.982267112	1.6982267112e+1
122.96	16.983648346	1.6983648346e+1
122.97	16.985029579	1.6985029579e+1
122.98	16.986410813	1.6986410813e+1
122.99	16.987792046	1.6987792046e+1
123	16.98917328	1.698917328e+1
123.01	16.990554514	1.6990554514e+1
123.02	16.991935747	1.6991935747e+1
123.03	16.993316981	1.6993316981e+1
123.04	16.994698214	1.6994698214e+1
123.05	16.996079448	1.6996079448e+1
123.06	16.997460682	1.6997460682e+1
123.07	16.998841915	1.6998841915e+1
123.08	17.000223149	1.7000223149e+1
123.09	17.001604382	1.7001604382e+1
123.1	17.002985616	1.7002985616e+1
123.11	17.00436685	1.700436685e+1
123.12	17.005748083	1.7005748083e+1
123.13	17.007129317	1.7007129317e+1
123.14	17.00851055	1.700851055e+1
123.15	17.009891784	1.7009891784e+1
123.16	17.011273018	1.7011273018e+1
123.17	17.012654251	1.7012654251e+1
123.18	17.014035485	1.7014035485e+1
123.19	17.015416718	1.7015416718e+1
123.2	17.016797952	1.7016797952e+1
123.21	17.018179186	1.7018179186e+1
123.22	17.019560419	1.7019560419e+1
123.23	17.020941653	1.7020941653e+1
123.24	17.022322886	1.7022322886e+1
123.25	17.02370412	1.702370412e+1
123.26	17.025085354	1.7025085354e+1

123.27	17.026466587	1.7026466587e+1
123.28	17.027847821	1.7027847821e+1
123.29	17.029229054	1.7029229054e+1
123.3	17.030610288	1.7030610288e+1
123.31	17.031991522	1.7031991522e+1
123.32	17.033372755	1.7033372755e+1
123.33	17.034753989	1.7034753989e+1
123.34	17.036135222	1.7036135222e+1
123.35	17.037516456	1.7037516456e+1
123.36	17.03889769	1.703889769e+1
123.37	17.040278923	1.7040278923e+1
123.38	17.041660157	1.7041660157e+1
123.39	17.04304139	1.704304139e+1
123.4	17.044422624	1.7044422624e+1
123.41	17.045803858	1.7045803858e+1
123.42	17.047185091	1.7047185091e+1
123.43	17.048566325	1.7048566325e+1
123.44	17.049947558	1.7049947558e+1
123.45	17.051328792	1.7051328792e+1
123.46	17.052710026	1.7052710026e+1
123.47	17.054091259	1.7054091259e+1
123.48	17.055472493	1.7055472493e+1
123.49	17.056853726	1.7056853726e+1
123.5	17.05823496	1.705823496e+1
123.51	17.059616194	1.7059616194e+1
123.52	17.060997427	1.7060997427e+1
123.53	17.062378661	1.7062378661e+1
123.54	17.063759894	1.7063759894e+1
123.55	17.065141128	1.7065141128e+1
123.56	17.066522362	1.7066522362e+1
123.57	17.067903595	1.7067903595e+1
123.58	17.069284829	1.7069284829e+1
123.59	17.070666062	1.7070666062e+1
123.6	17.072047296	1.7072047296e+1
123.61	17.07342853	1.707342853e+1
123.62	17.074809763	1.7074809763e+1
123.63	17.076190997	1.7076190997e+1
123.64	17.07757223	1.707757223e+1

123.65	17.078953464	1.7078953464e+1
123.66	17.080334698	1.7080334698e+1
123.67	17.081715931	1.7081715931e+1
123.68	17.083097165	1.7083097165e+1
123.69	17.084478398	1.7084478398e+1
123.7	17.085859632	1.7085859632e+1
123.71	17.087240866	1.7087240866e+1
123.72	17.088622099	1.7088622099e+1
123.73	17.090003333	1.7090003333e+1
123.74	17.091384566	1.7091384566e+1
123.75	17.0927658	1.70927658e+1
123.76	17.094147034	1.7094147034e+1
123.77	17.095528267	1.7095528267e+1
123.78	17.096909501	1.7096909501e+1
123.79	17.098290734	1.7098290734e+1
123.8	17.099671968	1.7099671968e+1
123.81	17.101053202	1.7101053202e+1
123.82	17.102434435	1.7102434435e+1
123.83	17.103815669	1.7103815669e+1
123.84	17.105196902	1.7105196902e+1
123.85	17.106578136	1.7106578136e+1
123.86	17.10795937	1.710795937e+1
123.87	17.109340603	1.7109340603e+1
123.88	17.110721837	1.7110721837e+1
123.89	17.11210307	1.711210307e+1
123.9	17.113484304	1.7113484304e+1
123.91	17.114865538	1.7114865538e+1
123.92	17.116246771	1.7116246771e+1
123.93	17.117628005	1.7117628005e+1
123.94	17.119009238	1.7119009238e+1
123.95	17.120390472	1.7120390472e+1
123.96	17.121771706	1.7121771706e+1
123.97	17.123152939	1.7123152939e+1
123.98	17.124534173	1.7124534173e+1
123.99	17.125915406	1.7125915406e+1
124	17.12729664	1.712729664e+1
124.01	17.128677874	1.7128677874e+1
124.02	17.130059107	1.7130059107e+1

124.03	17.131440341	1.7131440341e+1
124.04	17.132821574	1.7132821574e+1
124.05	17.134202808	1.7134202808e+1
124.06	17.135584042	1.7135584042e+1
124.07	17.136965275	1.7136965275e+1
124.08	17.138346509	1.7138346509e+1
124.09	17.139727742	1.7139727742e+1
124.1	17.141108976	1.7141108976e+1
124.11	17.14249021	1.714249021e+1
124.12	17.143871443	1.7143871443e+1
124.13	17.145252677	1.7145252677e+1
124.14	17.14663391	1.714663391e+1
124.15	17.148015144	1.7148015144e+1
124.16	17.149396378	1.7149396378e+1
124.17	17.150777611	1.7150777611e+1
124.18	17.152158845	1.7152158845e+1
124.19	17.153540078	1.7153540078e+1
124.2	17.154921312	1.7154921312e+1
124.21	17.156302546	1.7156302546e+1
124.22	17.157683779	1.7157683779e+1
124.23	17.159065013	1.7159065013e+1
124.24	17.160446246	1.7160446246e+1
124.25	17.16182748	1.716182748e+1
124.26	17.163208714	1.7163208714e+1
124.27	17.164589947	1.7164589947e+1
124.28	17.165971181	1.7165971181e+1
124.29	17.167352414	1.7167352414e+1
124.3	17.168733648	1.7168733648e+1
124.31	17.170114882	1.7170114882e+1
124.32	17.171496115	1.7171496115e+1
124.33	17.172877349	1.7172877349e+1
124.34	17.174258582	1.7174258582e+1
124.35	17.175639816	1.7175639816e+1
124.36	17.17702105	1.717702105e+1
124.37	17.178402283	1.7178402283e+1
124.38	17.179783517	1.7179783517e+1
124.39	17.18116475	1.718116475e+1
124.4	17.182545984	1.7182545984e+1

124.41	17.183927218	1.7183927218e+1
124.42	17.185308451	1.7185308451e+1
124.43	17.186689685	1.7186689685e+1
124.44	17.188070918	1.7188070918e+1
124.45	17.189452152	1.7189452152e+1
124.46	17.190833386	1.7190833386e+1
124.47	17.192214619	1.7192214619e+1
124.48	17.193595853	1.7193595853e+1
124.49	17.194977086	1.7194977086e+1
124.5	17.19635832	1.719635832e+1
124.51	17.197739554	1.7197739554e+1
124.52	17.199120787	1.7199120787e+1
124.53	17.200502021	1.7200502021e+1
124.54	17.201883254	1.7201883254e+1
124.55	17.203264488	1.7203264488e+1
124.56	17.204645722	1.7204645722e+1
124.57	17.206026955	1.7206026955e+1
124.58	17.207408189	1.7207408189e+1
124.59	17.208789422	1.7208789422e+1
124.6	17.210170656	1.7210170656e+1
124.61	17.21155189	1.721155189e+1
124.62	17.212933123	1.7212933123e+1
124.63	17.214314357	1.7214314357e+1
124.64	17.21569559	1.721569559e+1
124.65	17.217076824	1.7217076824e+1
124.66	17.218458058	1.7218458058e+1
124.67	17.219839291	1.7219839291e+1
124.68	17.221220525	1.7221220525e+1
124.69	17.222601758	1.7222601758e+1
124.7	17.223982992	1.7223982992e+1
124.71	17.225364226	1.7225364226e+1
124.72	17.226745459	1.7226745459e+1
124.73	17.228126693	1.7228126693e+1
124.74	17.229507926	1.7229507926e+1
124.75	17.23088916	1.723088916e+1
124.76	17.232270394	1.7232270394e+1
124.77	17.233651627	1.7233651627e+1
124.78	17.235032861	1.7235032861e+1

124.79	17.236414094	1.7236414094e+1
124.8	17.237795328	1.7237795328e+1
124.81	17.239176562	1.7239176562e+1
124.82	17.240557795	1.7240557795e+1
124.83	17.241939029	1.7241939029e+1
124.84	17.243320262	1.7243320262e+1
124.85	17.244701496	1.7244701496e+1
124.86	17.24608273	1.724608273e+1
124.87	17.247463963	1.7247463963e+1
124.88	17.248845197	1.7248845197e+1
124.89	17.25022643	1.725022643e+1
124.9	17.251607664	1.7251607664e+1
124.91	17.252988898	1.7252988898e+1
124.92	17.254370131	1.7254370131e+1
124.93	17.255751365	1.7255751365e+1
124.94	17.257132598	1.7257132598e+1
124.95	17.258513832	1.7258513832e+1
124.96	17.259895066	1.7259895066e+1
124.97	17.261276299	1.7261276299e+1
124.98	17.262657533	1.7262657533e+1
124.99	17.264038766	1.7264038766e+1
125	17.26542	1.726542e+1
125.01	17.266801234	1.7266801234e+1
125.02	17.268182467	1.7268182467e+1
125.03	17.269563701	1.7269563701e+1
125.04	17.270944934	1.7270944934e+1
125.05	17.272326168	1.7272326168e+1
125.06	17.273707402	1.7273707402e+1
125.07	17.275088635	1.7275088635e+1
125.08	17.276469869	1.7276469869e+1
125.09	17.277851102	1.7277851102e+1
125.1	17.279232336	1.7279232336e+1
125.11	17.28061357	1.728061357e+1
125.12	17.281994803	1.7281994803e+1
125.13	17.283376037	1.7283376037e+1
125.14	17.28475727	1.728475727e+1
125.15	17.286138504	1.7286138504e+1
125.16	17.287519738	1.7287519738e+1

125.17	17.288900971	1.7288900971e+1
125.18	17.290282205	1.7290282205e+1
125.19	17.291663438	1.7291663438e+1
125.2	17.293044672	1.7293044672e+1
125.21	17.294425906	1.7294425906e+1
125.22	17.295807139	1.7295807139e+1
125.23	17.297188373	1.7297188373e+1
125.24	17.298569606	1.7298569606e+1
125.25	17.29995084	1.729995084e+1
125.26	17.301332074	1.7301332074e+1
125.27	17.302713307	1.7302713307e+1
125.28	17.304094541	1.7304094541e+1
125.29	17.305475774	1.7305475774e+1
125.3	17.306857008	1.7306857008e+1
125.31	17.308238242	1.7308238242e+1
125.32	17.309619475	1.7309619475e+1
125.33	17.311000709	1.7311000709e+1
125.34	17.312381942	1.7312381942e+1
125.35	17.313763176	1.7313763176e+1
125.36	17.31514441	1.731514441e+1
125.37	17.316525643	1.7316525643e+1
125.38	17.317906877	1.7317906877e+1
125.39	17.31928811	1.731928811e+1
125.4	17.320669344	1.7320669344e+1
125.41	17.322050578	1.7322050578e+1
125.42	17.323431811	1.7323431811e+1
125.43	17.324813045	1.7324813045e+1
125.44	17.326194278	1.7326194278e+1
125.45	17.327575512	1.7327575512e+1
125.46	17.328956746	1.7328956746e+1
125.47	17.330337979	1.7330337979e+1
125.48	17.331719213	1.7331719213e+1
125.49	17.333100446	1.7333100446e+1
125.5	17.33448168	1.733448168e+1
125.51	17.335862914	1.7335862914e+1
125.52	17.337244147	1.7337244147e+1
125.53	17.338625381	1.7338625381e+1
125.54	17.340006614	1.7340006614e+1

125.55	17.341387848	1.7341387848e+1
125.56	17.342769082	1.7342769082e+1
125.57	17.344150315	1.7344150315e+1
125.58	17.345531549	1.7345531549e+1
125.59	17.346912782	1.7346912782e+1
125.6	17.348294016	1.7348294016e+1
125.61	17.34967525	1.734967525e+1
125.62	17.351056483	1.7351056483e+1
125.63	17.352437717	1.7352437717e+1
125.64	17.35381895	1.735381895e+1
125.65	17.355200184	1.7355200184e+1
125.66	17.356581418	1.7356581418e+1
125.67	17.357962651	1.7357962651e+1
125.68	17.359343885	1.7359343885e+1
125.69	17.360725118	1.7360725118e+1
125.7	17.362106352	1.7362106352e+1
125.71	17.363487586	1.7363487586e+1
125.72	17.364868819	1.7364868819e+1
125.73	17.366250053	1.7366250053e+1
125.74	17.367631286	1.7367631286e+1
125.75	17.36901252	1.736901252e+1
125.76	17.370393754	1.7370393754e+1
125.77	17.371774987	1.7371774987e+1
125.78	17.373156221	1.7373156221e+1
125.79	17.374537454	1.7374537454e+1
125.8	17.375918688	1.7375918688e+1
125.81	17.377299922	1.7377299922e+1
125.82	17.378681155	1.7378681155e+1
125.83	17.380062389	1.7380062389e+1
125.84	17.381443622	1.7381443622e+1
125.85	17.382824856	1.7382824856e+1
125.86	17.38420609	1.738420609e+1
125.87	17.385587323	1.7385587323e+1
125.88	17.386968557	1.7386968557e+1
125.89	17.38834979	1.738834979e+1
125.9	17.389731024	1.7389731024e+1
125.91	17.391112258	1.7391112258e+1
125.92	17.392493491	1.7392493491e+1

125.93	17.393874725	1.7393874725e+1
125.94	17.395255958	1.7395255958e+1
125.95	17.396637192	1.7396637192e+1
125.96	17.398018426	1.7398018426e+1
125.97	17.399399659	1.7399399659e+1
125.98	17.400780893	1.7400780893e+1
125.99	17.402162126	1.7402162126e+1
126	17.40354336	1.740354336e+1
126.01	17.404924594	1.7404924594e+1
126.02	17.406305827	1.7406305827e+1
126.03	17.407687061	1.7407687061e+1
126.04	17.409068294	1.7409068294e+1
126.05	17.410449528	1.7410449528e+1
126.06	17.411830762	1.7411830762e+1
126.07	17.413211995	1.7413211995e+1
126.08	17.414593229	1.7414593229e+1
126.09	17.415974462	1.7415974462e+1
126.1	17.417355696	1.7417355696e+1
126.11	17.41873693	1.741873693e+1
126.12	17.420118163	1.7420118163e+1
126.13	17.421499397	1.7421499397e+1
126.14	17.42288063	1.742288063e+1
126.15	17.424261864	1.7424261864e+1
126.16	17.425643098	1.7425643098e+1
126.17	17.427024331	1.7427024331e+1
126.18	17.428405565	1.7428405565e+1
126.19	17.429786798	1.7429786798e+1
126.2	17.431168032	1.7431168032e+1
126.21	17.432549266	1.7432549266e+1
126.22	17.433930499	1.7433930499e+1
126.23	17.435311733	1.7435311733e+1
126.24	17.436692966	1.7436692966e+1
126.25	17.4380742	1.74380742e+1
126.26	17.439455434	1.7439455434e+1
126.27	17.440836667	1.7440836667e+1
126.28	17.442217901	1.7442217901e+1
126.29	17.443599134	1.7443599134e+1
126.3	17.444980368	1.7444980368e+1

126.31	17.446361602	1.7446361602e+1
126.32	17.447742835	1.7447742835e+1
126.33	17.449124069	1.7449124069e+1
126.34	17.450505302	1.7450505302e+1
126.35	17.451886536	1.7451886536e+1
126.36	17.45326777	1.745326777e+1
126.37	17.454649003	1.7454649003e+1
126.38	17.456030237	1.7456030237e+1
126.39	17.45741147	1.745741147e+1
126.4	17.458792704	1.7458792704e+1
126.41	17.460173938	1.7460173938e+1
126.42	17.461555171	1.7461555171e+1
126.43	17.462936405	1.7462936405e+1
126.44	17.464317638	1.7464317638e+1
126.45	17.465698872	1.7465698872e+1
126.46	17.467080106	1.7467080106e+1
126.47	17.468461339	1.7468461339e+1
126.48	17.469842573	1.7469842573e+1
126.49	17.471223806	1.7471223806e+1
126.5	17.47260504	1.747260504e+1
126.51	17.473986274	1.7473986274e+1
126.52	17.475367507	1.7475367507e+1
126.53	17.476748741	1.7476748741e+1
126.54	17.478129974	1.7478129974e+1
126.55	17.479511208	1.7479511208e+1
126.56	17.480892442	1.7480892442e+1
126.57	17.482273675	1.7482273675e+1
126.58	17.483654909	1.7483654909e+1
126.59	17.485036142	1.7485036142e+1
126.6	17.486417376	1.7486417376e+1
126.61	17.48779861	1.748779861e+1
126.62	17.489179843	1.7489179843e+1
126.63	17.490561077	1.7490561077e+1
126.64	17.49194231	1.749194231e+1
126.65	17.493323544	1.7493323544e+1
126.66	17.494704778	1.7494704778e+1
126.67	17.496086011	1.7496086011e+1
126.68	17.497467245	1.7497467245e+1

126.69	17.498848478	1.7498848478e+1
126.7	17.500229712	1.7500229712e+1
126.71	17.501610946	1.7501610946e+1
126.72	17.502992179	1.7502992179e+1
126.73	17.504373413	1.7504373413e+1
126.74	17.505754646	1.7505754646e+1
126.75	17.50713588	1.750713588e+1
126.76	17.508517114	1.7508517114e+1
126.77	17.509898347	1.7509898347e+1
126.78	17.511279581	1.7511279581e+1
126.79	17.512660814	1.7512660814e+1
126.8	17.514042048	1.7514042048e+1
126.81	17.515423282	1.7515423282e+1
126.82	17.516804515	1.7516804515e+1
126.83	17.518185749	1.7518185749e+1
126.84	17.519566982	1.7519566982e+1
126.85	17.520948216	1.7520948216e+1
126.86	17.52232945	1.752232945e+1
126.87	17.523710683	1.7523710683e+1
126.88	17.525091917	1.7525091917e+1
126.89	17.52647315	1.752647315e+1
126.9	17.527854384	1.7527854384e+1
126.91	17.529235618	1.7529235618e+1
126.92	17.530616851	1.7530616851e+1
126.93	17.531998085	1.7531998085e+1
126.94	17.533379318	1.7533379318e+1
126.95	17.534760552	1.7534760552e+1
126.96	17.536141786	1.7536141786e+1
126.97	17.537523019	1.7537523019e+1
126.98	17.538904253	1.7538904253e+1
126.99	17.540285486	1.7540285486e+1
127	17.54166672	1.754166672e+1
127.01	17.543047954	1.7543047954e+1
127.02	17.544429187	1.7544429187e+1
127.03	17.545810421	1.7545810421e+1
127.04	17.547191654	1.7547191654e+1
127.05	17.548572888	1.7548572888e+1
127.06	17.549954122	1.7549954122e+1

127.07	17.551335355	1.7551335355e+1
127.08	17.552716589	1.7552716589e+1
127.09	17.554097822	1.7554097822e+1
127.1	17.555479056	1.7555479056e+1
127.11	17.55686029	1.755686029e+1
127.12	17.558241523	1.7558241523e+1
127.13	17.559622757	1.7559622757e+1
127.14	17.56100399	1.756100399e+1
127.15	17.562385224	1.7562385224e+1
127.16	17.563766458	1.7563766458e+1
127.17	17.565147691	1.7565147691e+1
127.18	17.566528925	1.7566528925e+1
127.19	17.567910158	1.7567910158e+1
127.2	17.569291392	1.7569291392e+1
127.21	17.570672626	1.7570672626e+1
127.22	17.572053859	1.7572053859e+1
127.23	17.573435093	1.7573435093e+1
127.24	17.574816326	1.7574816326e+1
127.25	17.57619756	1.757619756e+1
127.26	17.577578794	1.7577578794e+1
127.27	17.578960027	1.7578960027e+1
127.28	17.580341261	1.7580341261e+1
127.29	17.581722494	1.7581722494e+1
127.3	17.583103728	1.7583103728e+1
127.31	17.584484962	1.7584484962e+1
127.32	17.585866195	1.7585866195e+1
127.33	17.587247429	1.7587247429e+1
127.34	17.588628662	1.7588628662e+1
127.35	17.590009896	1.7590009896e+1
127.36	17.59139113	1.759139113e+1
127.37	17.592772363	1.7592772363e+1
127.38	17.594153597	1.7594153597e+1
127.39	17.59553483	1.759553483e+1
127.4	17.596916064	1.7596916064e+1
127.41	17.598297298	1.7598297298e+1
127.42	17.599678531	1.7599678531e+1
127.43	17.601059765	1.7601059765e+1
127.44	17.602440998	1.7602440998e+1

127.45	17.603822232	1.7603822232e+1
127.46	17.605203466	1.7605203466e+1
127.47	17.606584699	1.7606584699e+1
127.48	17.607965933	1.7607965933e+1
127.49	17.609347166	1.7609347166e+1
127.5	17.6107284	1.76107284e+1
127.51	17.612109634	1.7612109634e+1
127.52	17.613490867	1.7613490867e+1
127.53	17.614872101	1.7614872101e+1
127.54	17.616253334	1.7616253334e+1
127.55	17.617634568	1.7617634568e+1
127.56	17.619015802	1.7619015802e+1
127.57	17.620397035	1.7620397035e+1
127.58	17.621778269	1.7621778269e+1
127.59	17.623159502	1.7623159502e+1
127.6	17.624540736	1.7624540736e+1
127.61	17.62592197	1.762592197e+1
127.62	17.627303203	1.7627303203e+1
127.63	17.628684437	1.7628684437e+1
127.64	17.63006567	1.763006567e+1
127.65	17.631446904	1.7631446904e+1
127.66	17.632828138	1.7632828138e+1
127.67	17.634209371	1.7634209371e+1
127.68	17.635590605	1.7635590605e+1
127.69	17.636971838	1.7636971838e+1
127.7	17.638353072	1.7638353072e+1
127.71	17.639734306	1.7639734306e+1
127.72	17.641115539	1.7641115539e+1
127.73	17.642496773	1.7642496773e+1
127.74	17.643878006	1.7643878006e+1
127.75	17.64525924	1.764525924e+1
127.76	17.646640474	1.7646640474e+1
127.77	17.648021707	1.7648021707e+1
127.78	17.649402941	1.7649402941e+1
127.79	17.650784174	1.7650784174e+1
127.8	17.652165408	1.7652165408e+1
127.81	17.653546642	1.7653546642e+1
127.82	17.654927875	1.7654927875e+1

127.83	17.656309109	1.7656309109e+1
127.84	17.657690342	1.7657690342e+1
127.85	17.659071576	1.7659071576e+1
127.86	17.66045281	1.766045281e+1
127.87	17.661834043	1.7661834043e+1
127.88	17.663215277	1.7663215277e+1
127.89	17.66459651	1.766459651e+1
127.9	17.665977744	1.7665977744e+1
127.91	17.667358978	1.7667358978e+1
127.92	17.668740211	1.7668740211e+1
127.93	17.670121445	1.7670121445e+1
127.94	17.671502678	1.7671502678e+1
127.95	17.672883912	1.7672883912e+1
127.96	17.674265146	1.7674265146e+1
127.97	17.675646379	1.7675646379e+1
127.98	17.677027613	1.7677027613e+1
127.99	17.678408846	1.7678408846e+1
128	17.67979008	1.767979008e+1
128.01	17.681171314	1.7681171314e+1
128.02	17.682552547	1.7682552547e+1
128.03	17.683933781	1.7683933781e+1
128.04	17.685315014	1.7685315014e+1
128.05	17.686696248	1.7686696248e+1
128.06	17.688077482	1.7688077482e+1
128.07	17.689458715	1.7689458715e+1
128.08	17.690839949	1.7690839949e+1
128.09	17.692221182	1.7692221182e+1
128.1	17.693602416	1.7693602416e+1
128.11	17.69498365	1.769498365e+1
128.12	17.696364883	1.7696364883e+1
128.13	17.697746117	1.7697746117e+1
128.14	17.69912735	1.769912735e+1
128.15	17.700508584	1.7700508584e+1
128.16	17.701889818	1.7701889818e+1
128.17	17.703271051	1.7703271051e+1
128.18	17.704652285	1.7704652285e+1
128.19	17.706033518	1.7706033518e+1
128.2	17.707414752	1.7707414752e+1

128.21	17.708795986	1.7708795986e+1
128.22	17.710177219	1.7710177219e+1
128.23	17.711558453	1.7711558453e+1
128.24	17.712939686	1.7712939686e+1
128.25	17.71432092	1.771432092e+1
128.26	17.715702154	1.7715702154e+1
128.27	17.717083387	1.7717083387e+1
128.28	17.718464621	1.7718464621e+1
128.29	17.719845854	1.7719845854e+1
128.3	17.721227088	1.7721227088e+1
128.31	17.722608322	1.7722608322e+1
128.32	17.723989555	1.7723989555e+1
128.33	17.725370789	1.7725370789e+1
128.34	17.726752022	1.7726752022e+1
128.35	17.728133256	1.7728133256e+1
128.36	17.72951449	1.772951449e+1
128.37	17.730895723	1.7730895723e+1
128.38	17.732276957	1.7732276957e+1
128.39	17.73365819	1.773365819e+1
128.4	17.735039424	1.7735039424e+1
128.41	17.736420658	1.7736420658e+1
128.42	17.737801891	1.7737801891e+1
128.43	17.739183125	1.7739183125e+1
128.44	17.740564358	1.7740564358e+1
128.45	17.741945592	1.7741945592e+1
128.46	17.743326826	1.7743326826e+1
128.47	17.744708059	1.7744708059e+1
128.48	17.746089293	1.7746089293e+1
128.49	17.747470526	1.7747470526e+1
128.5	17.74885176	1.774885176e+1
128.51	17.750232994	1.7750232994e+1
128.52	17.751614227	1.7751614227e+1
128.53	17.752995461	1.7752995461e+1
128.54	17.754376694	1.7754376694e+1
128.55	17.755757928	1.7755757928e+1
128.56	17.757139162	1.7757139162e+1
128.57	17.758520395	1.7758520395e+1
128.58	17.759901629	1.7759901629e+1

128.59	17.761282862	1.7761282862e+1
128.6	17.762664096	1.7762664096e+1
128.61	17.76404533	1.776404533e+1
128.62	17.765426563	1.7765426563e+1
128.63	17.766807797	1.7766807797e+1
128.64	17.76818903	1.776818903e+1
128.65	17.769570264	1.7769570264e+1
128.66	17.770951498	1.7770951498e+1
128.67	17.772332731	1.7772332731e+1
128.68	17.773713965	1.7773713965e+1
128.69	17.775095198	1.7775095198e+1
128.7	17.776476432	1.7776476432e+1
128.71	17.777857666	1.7777857666e+1
128.72	17.779238899	1.7779238899e+1
128.73	17.780620133	1.7780620133e+1
128.74	17.782001366	1.7782001366e+1
128.75	17.7833826	1.77833826e+1
128.76	17.784763834	1.7784763834e+1
128.77	17.786145067	1.7786145067e+1
128.78	17.787526301	1.7787526301e+1
128.79	17.788907534	1.7788907534e+1
128.8	17.790288768	1.7790288768e+1
128.81	17.791670002	1.7791670002e+1
128.82	17.793051235	1.7793051235e+1
128.83	17.794432469	1.7794432469e+1
128.84	17.795813702	1.7795813702e+1
128.85	17.797194936	1.7797194936e+1
128.86	17.79857617	1.779857617e+1
128.87	17.799957403	1.7799957403e+1
128.88	17.801338637	1.7801338637e+1
128.89	17.80271987	1.780271987e+1
128.9	17.804101104	1.7804101104e+1
128.91	17.805482338	1.7805482338e+1
128.92	17.806863571	1.7806863571e+1
128.93	17.808244805	1.7808244805e+1
128.94	17.809626038	1.7809626038e+1
128.95	17.811007272	1.7811007272e+1
128.96	17.812388506	1.7812388506e+1

128.97	17.813769739	1.7813769739e+1
128.98	17.815150973	1.7815150973e+1
128.99	17.816532206	1.7816532206e+1
129	17.81791344	1.781791344e+1
129.01	17.819294674	1.7819294674e+1
129.02	17.820675907	1.7820675907e+1
129.03	17.822057141	1.7822057141e+1
129.04	17.823438374	1.7823438374e+1
129.05	17.824819608	1.7824819608e+1
129.06	17.826200842	1.7826200842e+1
129.07	17.827582075	1.7827582075e+1
129.08	17.828963309	1.7828963309e+1
129.09	17.830344542	1.7830344542e+1
129.1	17.831725776	1.7831725776e+1
129.11	17.83310701	1.783310701e+1
129.12	17.834488243	1.7834488243e+1
129.13	17.835869477	1.7835869477e+1
129.14	17.83725071	1.783725071e+1
129.15	17.838631944	1.7838631944e+1
129.16	17.840013178	1.7840013178e+1
129.17	17.841394411	1.7841394411e+1
129.18	17.842775645	1.7842775645e+1
129.19	17.844156878	1.7844156878e+1
129.2	17.845538112	1.7845538112e+1
129.21	17.846919346	1.7846919346e+1
129.22	17.848300579	1.7848300579e+1
129.23	17.849681813	1.7849681813e+1
129.24	17.851063046	1.7851063046e+1
129.25	17.85244428	1.785244428e+1
129.26	17.853825514	1.7853825514e+1
129.27	17.855206747	1.7855206747e+1
129.28	17.856587981	1.7856587981e+1
129.29	17.857969214	1.7857969214e+1
129.3	17.859350448	1.7859350448e+1
129.31	17.860731682	1.7860731682e+1
129.32	17.862112915	1.7862112915e+1
129.33	17.863494149	1.7863494149e+1
129.34	17.864875382	1.7864875382e+1

129.35	17.866256616	1.7866256616e+1
129.36	17.86763785	1.786763785e+1
129.37	17.869019083	1.7869019083e+1
129.38	17.870400317	1.7870400317e+1
129.39	17.87178155	1.787178155e+1
129.4	17.873162784	1.7873162784e+1
129.41	17.874544018	1.7874544018e+1
129.42	17.875925251	1.7875925251e+1
129.43	17.877306485	1.7877306485e+1
129.44	17.878687718	1.7878687718e+1
129.45	17.880068952	1.7880068952e+1
129.46	17.881450186	1.7881450186e+1
129.47	17.882831419	1.7882831419e+1
129.48	17.884212653	1.7884212653e+1
129.49	17.885593886	1.7885593886e+1
129.5	17.88697512	1.788697512e+1
129.51	17.888356354	1.7888356354e+1
129.52	17.889737587	1.7889737587e+1
129.53	17.891118821	1.7891118821e+1
129.54	17.892500054	1.7892500054e+1
129.55	17.893881288	1.7893881288e+1
129.56	17.895262522	1.7895262522e+1
129.57	17.896643755	1.7896643755e+1
129.58	17.898024989	1.7898024989e+1
129.59	17.899406222	1.7899406222e+1
129.6	17.900787456	1.7900787456e+1
129.61	17.90216869	1.790216869e+1
129.62	17.903549923	1.7903549923e+1
129.63	17.904931157	1.7904931157e+1
129.64	17.90631239	1.790631239e+1
129.65	17.907693624	1.7907693624e+1
129.66	17.909074858	1.7909074858e+1
129.67	17.910456091	1.7910456091e+1
129.68	17.911837325	1.7911837325e+1
129.69	17.913218558	1.7913218558e+1
129.7	17.914599792	1.7914599792e+1
129.71	17.915981026	1.7915981026e+1
129.72	17.917362259	1.7917362259e+1

129.73	17.918743493	1.7918743493e+1
129.74	17.920124726	1.7920124726e+1
129.75	17.92150596	1.792150596e+1
129.76	17.922887194	1.7922887194e+1
129.77	17.924268427	1.7924268427e+1
129.78	17.925649661	1.7925649661e+1
129.79	17.927030894	1.7927030894e+1
129.8	17.928412128	1.7928412128e+1
129.81	17.929793362	1.7929793362e+1
129.82	17.931174595	1.7931174595e+1
129.83	17.932555829	1.7932555829e+1
129.84	17.933937062	1.7933937062e+1
129.85	17.935318296	1.7935318296e+1
129.86	17.93669953	1.793669953e+1
129.87	17.938080763	1.7938080763e+1
129.88	17.939461997	1.7939461997e+1
129.89	17.94084323	1.794084323e+1
129.9	17.942224464	1.7942224464e+1
129.91	17.943605698	1.7943605698e+1
129.92	17.944986931	1.7944986931e+1
129.93	17.946368165	1.7946368165e+1
129.94	17.947749398	1.7947749398e+1
129.95	17.949130632	1.7949130632e+1
129.96	17.950511866	1.7950511866e+1
129.97	17.951893099	1.7951893099e+1
129.98	17.953274333	1.7953274333e+1
129.99	17.954655566	1.7954655566e+1
130	17.9560368	1.79560368e+1
130.01	17.957418034	1.7957418034e+1
130.02	17.958799267	1.7958799267e+1
130.03	17.960180501	1.7960180501e+1
130.04	17.961561734	1.7961561734e+1
130.05	17.962942968	1.7962942968e+1
130.06	17.964324202	1.7964324202e+1
130.07	17.965705435	1.7965705435e+1
130.08	17.967086669	1.7967086669e+1
130.09	17.968467902	1.7968467902e+1
130.1	17.969849136	1.7969849136e+1

130.11	17.97123037	1.797123037e+1
130.12	17.972611603	1.7972611603e+1
130.13	17.973992837	1.7973992837e+1
130.14	17.97537407	1.797537407e+1
130.15	17.976755304	1.7976755304e+1
130.16	17.978136538	1.7978136538e+1
130.17	17.979517771	1.7979517771e+1
130.18	17.980899005	1.7980899005e+1
130.19	17.982280238	1.7982280238e+1
130.2	17.983661472	1.7983661472e+1
130.21	17.985042706	1.7985042706e+1
130.22	17.986423939	1.7986423939e+1
130.23	17.987805173	1.7987805173e+1
130.24	17.989186406	1.7989186406e+1
130.25	17.99056764	1.799056764e+1
130.26	17.991948874	1.7991948874e+1
130.27	17.993330107	1.7993330107e+1
130.28	17.994711341	1.7994711341e+1
130.29	17.996092574	1.7996092574e+1
130.3	17.997473808	1.7997473808e+1
130.31	17.998855042	1.7998855042e+1
130.32	18.000236275	1.8000236275e+1
130.33	18.001617509	1.8001617509e+1
130.34	18.002998742	1.8002998742e+1
130.35	18.004379976	1.8004379976e+1
130.36	18.00576121	1.800576121e+1
130.37	18.007142443	1.8007142443e+1
130.38	18.008523677	1.8008523677e+1
130.39	18.00990491	1.800990491e+1
130.4	18.011286144	1.8011286144e+1
130.41	18.012667378	1.8012667378e+1
130.42	18.014048611	1.8014048611e+1
130.43	18.015429845	1.8015429845e+1
130.44	18.016811078	1.8016811078e+1
130.45	18.018192312	1.8018192312e+1
130.46	18.019573546	1.8019573546e+1
130.47	18.020954779	1.8020954779e+1
130.48	18.022336013	1.8022336013e+1

130.49	18.023717246	1.8023717246e+1
130.5	18.02509848	1.802509848e+1
130.51	18.026479714	1.8026479714e+1
130.52	18.027860947	1.8027860947e+1
130.53	18.029242181	1.8029242181e+1
130.54	18.030623414	1.8030623414e+1
130.55	18.032004648	1.8032004648e+1
130.56	18.033385882	1.8033385882e+1
130.57	18.034767115	1.8034767115e+1
130.58	18.036148349	1.8036148349e+1
130.59	18.037529582	1.8037529582e+1
130.6	18.038910816	1.8038910816e+1
130.61	18.04029205	1.804029205e+1
130.62	18.041673283	1.8041673283e+1
130.63	18.043054517	1.8043054517e+1
130.64	18.04443575	1.804443575e+1
130.65	18.045816984	1.8045816984e+1
130.66	18.047198218	1.8047198218e+1
130.67	18.048579451	1.8048579451e+1
130.68	18.049960685	1.8049960685e+1
130.69	18.051341918	1.8051341918e+1
130.7	18.052723152	1.8052723152e+1
130.71	18.054104386	1.8054104386e+1
130.72	18.055485619	1.8055485619e+1
130.73	18.056866853	1.8056866853e+1
130.74	18.058248086	1.8058248086e+1
130.75	18.05962932	1.805962932e+1
130.76	18.061010554	1.8061010554e+1
130.77	18.062391787	1.8062391787e+1
130.78	18.063773021	1.8063773021e+1
130.79	18.065154254	1.8065154254e+1
130.8	18.066535488	1.8066535488e+1
130.81	18.067916722	1.8067916722e+1
130.82	18.069297955	1.8069297955e+1
130.83	18.070679189	1.8070679189e+1
130.84	18.072060422	1.8072060422e+1
130.85	18.073441656	1.8073441656e+1
130.86	18.07482289	1.807482289e+1

130.87	18.076204123	1.8076204123e+1
130.88	18.077585357	1.8077585357e+1
130.89	18.07896659	1.807896659e+1
130.9	18.080347824	1.8080347824e+1
130.91	18.081729058	1.8081729058e+1
130.92	18.083110291	1.8083110291e+1
130.93	18.084491525	1.8084491525e+1
130.94	18.085872758	1.8085872758e+1
130.95	18.087253992	1.8087253992e+1
130.96	18.088635226	1.8088635226e+1
130.97	18.090016459	1.8090016459e+1
130.98	18.091397693	1.8091397693e+1
130.99	18.092778926	1.8092778926e+1
131	18.09416016	1.809416016e+1
131.01	18.095541394	1.8095541394e+1
131.02	18.096922627	1.8096922627e+1
131.03	18.098303861	1.8098303861e+1
131.04	18.099685094	1.8099685094e+1
131.05	18.101066328	1.8101066328e+1
131.06	18.102447562	1.8102447562e+1
131.07	18.103828795	1.8103828795e+1
131.08	18.105210029	1.8105210029e+1
131.09	18.106591262	1.8106591262e+1
131.1	18.107972496	1.8107972496e+1
131.11	18.10935373	1.810935373e+1
131.12	18.110734963	1.8110734963e+1
131.13	18.112116197	1.8112116197e+1
131.14	18.11349743	1.811349743e+1
131.15	18.114878664	1.8114878664e+1
131.16	18.116259898	1.8116259898e+1
131.17	18.117641131	1.8117641131e+1
131.18	18.119022365	1.8119022365e+1
131.19	18.120403598	1.8120403598e+1
131.2	18.121784832	1.8121784832e+1
131.21	18.123166066	1.8123166066e+1
131.22	18.124547299	1.8124547299e+1
131.23	18.125928533	1.8125928533e+1
131.24	18.127309766	1.8127309766e+1

131.25	18.128691	1.8128691e+1
131.26	18.130072234	1.8130072234e+1
131.27	18.131453467	1.8131453467e+1
131.28	18.132834701	1.8132834701e+1
131.29	18.134215934	1.8134215934e+1
131.3	18.135597168	1.8135597168e+1
131.31	18.136978402	1.8136978402e+1
131.32	18.138359635	1.8138359635e+1
131.33	18.139740869	1.8139740869e+1
131.34	18.141122102	1.8141122102e+1
131.35	18.142503336	1.8142503336e+1
131.36	18.14388457	1.814388457e+1
131.37	18.145265803	1.8145265803e+1
131.38	18.146647037	1.8146647037e+1
131.39	18.14802827	1.814802827e+1
131.4	18.149409504	1.8149409504e+1
131.41	18.150790738	1.8150790738e+1
131.42	18.152171971	1.8152171971e+1
131.43	18.153553205	1.8153553205e+1
131.44	18.154934438	1.8154934438e+1
131.45	18.156315672	1.8156315672e+1
131.46	18.157696906	1.8157696906e+1
131.47	18.159078139	1.8159078139e+1
131.48	18.160459373	1.8160459373e+1
131.49	18.161840606	1.8161840606e+1
131.5	18.16322184	1.816322184e+1
131.51	18.164603074	1.8164603074e+1
131.52	18.165984307	1.8165984307e+1
131.53	18.167365541	1.8167365541e+1
131.54	18.168746774	1.8168746774e+1
131.55	18.170128008	1.8170128008e+1
131.56	18.171509242	1.8171509242e+1
131.57	18.172890475	1.8172890475e+1
131.58	18.174271709	1.8174271709e+1
131.59	18.175652942	1.8175652942e+1
131.6	18.177034176	1.8177034176e+1
131.61	18.17841541	1.817841541e+1
131.62	18.179796643	1.8179796643e+1

131.63	18.181177877	1.8181177877e+1
131.64	18.18255911	1.818255911e+1
131.65	18.183940344	1.8183940344e+1
131.66	18.185321578	1.8185321578e+1
131.67	18.186702811	1.8186702811e+1
131.68	18.188084045	1.8188084045e+1
131.69	18.189465278	1.8189465278e+1
131.7	18.190846512	1.8190846512e+1
131.71	18.192227746	1.8192227746e+1
131.72	18.193608979	1.8193608979e+1
131.73	18.194990213	1.8194990213e+1
131.74	18.196371446	1.8196371446e+1
131.75	18.19775268	1.819775268e+1
131.76	18.199133914	1.8199133914e+1
131.77	18.200515147	1.8200515147e+1
131.78	18.201896381	1.8201896381e+1
131.79	18.203277614	1.8203277614e+1
131.8	18.204658848	1.8204658848e+1
131.81	18.206040082	1.8206040082e+1
131.82	18.207421315	1.8207421315e+1
131.83	18.208802549	1.8208802549e+1
131.84	18.210183782	1.8210183782e+1
131.85	18.211565016	1.8211565016e+1
131.86	18.21294625	1.821294625e+1
131.87	18.214327483	1.8214327483e+1
131.88	18.215708717	1.8215708717e+1
131.89	18.21708995	1.821708995e+1
131.9	18.218471184	1.8218471184e+1
131.91	18.219852418	1.8219852418e+1
131.92	18.221233651	1.8221233651e+1
131.93	18.222614885	1.8222614885e+1
131.94	18.223996118	1.8223996118e+1
131.95	18.225377352	1.8225377352e+1
131.96	18.226758586	1.8226758586e+1
131.97	18.228139819	1.8228139819e+1
131.98	18.229521053	1.8229521053e+1
131.99	18.230902286	1.8230902286e+1
132	18.23228352	1.823228352e+1

132.01	18.233664754	1.8233664754e+1
132.02	18.235045987	1.8235045987e+1
132.03	18.236427221	1.8236427221e+1
132.04	18.237808454	1.8237808454e+1
132.05	18.239189688	1.8239189688e+1
132.06	18.240570922	1.8240570922e+1
132.07	18.241952155	1.8241952155e+1
132.08	18.243333389	1.8243333389e+1
132.09	18.244714622	1.8244714622e+1
132.1	18.246095856	1.8246095856e+1
132.11	18.24747709	1.824747709e+1
132.12	18.248858323	1.8248858323e+1
132.13	18.250239557	1.8250239557e+1
132.14	18.25162079	1.825162079e+1
132.15	18.253002024	1.8253002024e+1
132.16	18.254383258	1.8254383258e+1
132.17	18.255764491	1.8255764491e+1
132.18	18.257145725	1.8257145725e+1
132.19	18.258526958	1.8258526958e+1
132.2	18.259908192	1.8259908192e+1
132.21	18.261289426	1.8261289426e+1
132.22	18.262670659	1.8262670659e+1
132.23	18.264051893	1.8264051893e+1
132.24	18.265433126	1.8265433126e+1
132.25	18.26681436	1.826681436e+1
132.26	18.268195594	1.8268195594e+1
132.27	18.269576827	1.8269576827e+1
132.28	18.270958061	1.8270958061e+1
132.29	18.272339294	1.8272339294e+1
132.3	18.273720528	1.8273720528e+1
132.31	18.275101762	1.8275101762e+1
132.32	18.276482995	1.8276482995e+1
132.33	18.277864229	1.8277864229e+1
132.34	18.279245462	1.8279245462e+1
132.35	18.280626696	1.8280626696e+1
132.36	18.28200793	1.828200793e+1
132.37	18.283389163	1.8283389163e+1
132.38	18.284770397	1.8284770397e+1

132.39	18.28615163	1.828615163e+1
132.4	18.287532864	1.8287532864e+1
132.41	18.288914098	1.8288914098e+1
132.42	18.290295331	1.8290295331e+1
132.43	18.291676565	1.8291676565e+1
132.44	18.293057798	1.8293057798e+1
132.45	18.294439032	1.8294439032e+1
132.46	18.295820266	1.8295820266e+1
132.47	18.297201499	1.8297201499e+1
132.48	18.298582733	1.8298582733e+1
132.49	18.299963966	1.8299963966e+1
132.5	18.3013452	1.83013452e+1
132.51	18.302726434	1.8302726434e+1
132.52	18.304107667	1.8304107667e+1
132.53	18.305488901	1.8305488901e+1
132.54	18.306870134	1.8306870134e+1
132.55	18.308251368	1.8308251368e+1
132.56	18.309632602	1.8309632602e+1
132.57	18.311013835	1.8311013835e+1
132.58	18.312395069	1.8312395069e+1
132.59	18.313776302	1.8313776302e+1
132.6	18.315157536	1.8315157536e+1
132.61	18.31653877	1.831653877e+1
132.62	18.317920003	1.8317920003e+1
132.63	18.319301237	1.8319301237e+1
132.64	18.32068247	1.832068247e+1
132.65	18.322063704	1.8322063704e+1
132.66	18.323444938	1.8323444938e+1
132.67	18.324826171	1.8324826171e+1
132.68	18.326207405	1.8326207405e+1
132.69	18.327588638	1.8327588638e+1
132.7	18.328969872	1.8328969872e+1
132.71	18.330351106	1.8330351106e+1
132.72	18.331732339	1.8331732339e+1
132.73	18.333113573	1.8333113573e+1
132.74	18.334494806	1.8334494806e+1
132.75	18.33587604	1.833587604e+1
132.76	18.337257274	1.8337257274e+1

132.77	18.338638507	1.8338638507e+1
132.78	18.340019741	1.8340019741e+1
132.79	18.341400974	1.8341400974e+1
132.8	18.342782208	1.8342782208e+1
132.81	18.344163442	1.8344163442e+1
132.82	18.345544675	1.8345544675e+1
132.83	18.346925909	1.8346925909e+1
132.84	18.348307142	1.8348307142e+1
132.85	18.349688376	1.8349688376e+1
132.86	18.35106961	1.835106961e+1
132.87	18.352450843	1.8352450843e+1
132.88	18.353832077	1.8353832077e+1
132.89	18.35521331	1.835521331e+1
132.9	18.356594544	1.8356594544e+1
132.91	18.357975778	1.8357975778e+1
132.92	18.359357011	1.8359357011e+1
132.93	18.360738245	1.8360738245e+1
132.94	18.362119478	1.8362119478e+1
132.95	18.363500712	1.8363500712e+1
132.96	18.364881946	1.8364881946e+1
132.97	18.366263179	1.8366263179e+1
132.98	18.367644413	1.8367644413e+1
132.99	18.369025646	1.8369025646e+1
133	18.37040688	1.837040688e+1
133.01	18.371788114	1.8371788114e+1
133.02	18.373169347	1.8373169347e+1
133.03	18.374550581	1.8374550581e+1
133.04	18.375931814	1.8375931814e+1
133.05	18.377313048	1.8377313048e+1
133.06	18.378694282	1.8378694282e+1
133.07	18.380075515	1.8380075515e+1
133.08	18.381456749	1.8381456749e+1
133.09	18.382837982	1.8382837982e+1
133.1	18.384219216	1.8384219216e+1
133.11	18.38560045	1.838560045e+1
133.12	18.386981683	1.8386981683e+1
133.13	18.388362917	1.8388362917e+1
133.14	18.38974415	1.838974415e+1

133.15	18.391125384	1.8391125384e+1
133.16	18.392506618	1.8392506618e+1
133.17	18.393887851	1.8393887851e+1
133.18	18.395269085	1.8395269085e+1
133.19	18.396650318	1.8396650318e+1
133.2	18.398031552	1.8398031552e+1
133.21	18.399412786	1.8399412786e+1
133.22	18.400794019	1.8400794019e+1
133.23	18.402175253	1.8402175253e+1
133.24	18.403556486	1.8403556486e+1
133.25	18.40493772	1.840493772e+1
133.26	18.406318954	1.8406318954e+1
133.27	18.407700187	1.8407700187e+1
133.28	18.409081421	1.8409081421e+1
133.29	18.410462654	1.8410462654e+1
133.3	18.411843888	1.8411843888e+1
133.31	18.413225122	1.8413225122e+1
133.32	18.414606355	1.8414606355e+1
133.33	18.415987589	1.8415987589e+1
133.34	18.417368822	1.8417368822e+1
133.35	18.418750056	1.8418750056e+1
133.36	18.42013129	1.842013129e+1
133.37	18.421512523	1.8421512523e+1
133.38	18.422893757	1.8422893757e+1
133.39	18.42427499	1.842427499e+1
133.4	18.425656224	1.8425656224e+1
133.41	18.427037458	1.8427037458e+1
133.42	18.428418691	1.8428418691e+1
133.43	18.429799925	1.8429799925e+1
133.44	18.431181158	1.8431181158e+1
133.45	18.432562392	1.8432562392e+1
133.46	18.433943626	1.8433943626e+1
133.47	18.435324859	1.8435324859e+1
133.48	18.436706093	1.8436706093e+1
133.49	18.438087326	1.8438087326e+1
133.5	18.43946856	1.843946856e+1
133.51	18.440849794	1.8440849794e+1
133.52	18.442231027	1.8442231027e+1

133.53	18.443612261	1.8443612261e+1
133.54	18.444993494	1.8444993494e+1
133.55	18.446374728	1.8446374728e+1
133.56	18.447755962	1.8447755962e+1
133.57	18.449137195	1.8449137195e+1
133.58	18.450518429	1.8450518429e+1
133.59	18.451899662	1.8451899662e+1
133.6	18.453280896	1.8453280896e+1
133.61	18.45466213	1.845466213e+1
133.62	18.456043363	1.8456043363e+1
133.63	18.457424597	1.8457424597e+1
133.64	18.45880583	1.845880583e+1
133.65	18.460187064	1.8460187064e+1
133.66	18.461568298	1.8461568298e+1
133.67	18.462949531	1.8462949531e+1
133.68	18.464330765	1.8464330765e+1
133.69	18.465711998	1.8465711998e+1
133.7	18.467093232	1.8467093232e+1
133.71	18.468474466	1.8468474466e+1
133.72	18.469855699	1.8469855699e+1
133.73	18.471236933	1.8471236933e+1
133.74	18.472618166	1.8472618166e+1
133.75	18.4739994	1.84739994e+1
133.76	18.475380634	1.8475380634e+1
133.77	18.476761867	1.8476761867e+1
133.78	18.478143101	1.8478143101e+1
133.79	18.479524334	1.8479524334e+1
133.8	18.480905568	1.8480905568e+1
133.81	18.482286802	1.8482286802e+1
133.82	18.483668035	1.8483668035e+1
133.83	18.485049269	1.8485049269e+1
133.84	18.486430502	1.8486430502e+1
133.85	18.487811736	1.8487811736e+1
133.86	18.48919297	1.848919297e+1
133.87	18.490574203	1.8490574203e+1
133.88	18.491955437	1.8491955437e+1
133.89	18.49333667	1.849333667e+1
133.9	18.494717904	1.8494717904e+1

133.91	18.496099138	1.8496099138e+1
133.92	18.497480371	1.8497480371e+1
133.93	18.498861605	1.8498861605e+1
133.94	18.500242838	1.8500242838e+1
133.95	18.501624072	1.8501624072e+1
133.96	18.503005306	1.8503005306e+1
133.97	18.504386539	1.8504386539e+1
133.98	18.505767773	1.8505767773e+1
133.99	18.507149006	1.8507149006e+1
134	18.50853024	1.850853024e+1
134.01	18.509911474	1.8509911474e+1
134.02	18.511292707	1.8511292707e+1
134.03	18.512673941	1.8512673941e+1
134.04	18.514055174	1.8514055174e+1
134.05	18.515436408	1.8515436408e+1
134.06	18.516817642	1.8516817642e+1
134.07	18.518198875	1.8518198875e+1
134.08	18.519580109	1.8519580109e+1
134.09	18.520961342	1.8520961342e+1
134.1	18.522342576	1.8522342576e+1
134.11	18.52372381	1.852372381e+1
134.12	18.525105043	1.8525105043e+1
134.13	18.526486277	1.8526486277e+1
134.14	18.52786751	1.852786751e+1
134.15	18.529248744	1.8529248744e+1
134.16	18.530629978	1.8530629978e+1
134.17	18.532011211	1.8532011211e+1
134.18	18.533392445	1.8533392445e+1
134.19	18.534773678	1.8534773678e+1
134.2	18.536154912	1.8536154912e+1
134.21	18.537536146	1.8537536146e+1
134.22	18.538917379	1.8538917379e+1
134.23	18.540298613	1.8540298613e+1
134.24	18.541679846	1.8541679846e+1
134.25	18.54306108	1.854306108e+1
134.26	18.544442314	1.8544442314e+1
134.27	18.545823547	1.8545823547e+1
134.28	18.547204781	1.8547204781e+1

134.29	18.548586014	1.8548586014e+1
134.3	18.549967248	1.8549967248e+1
134.31	18.551348482	1.8551348482e+1
134.32	18.552729715	1.8552729715e+1
134.33	18.554110949	1.8554110949e+1
134.34	18.555492182	1.8555492182e+1
134.35	18.556873416	1.8556873416e+1
134.36	18.55825465	1.855825465e+1
134.37	18.559635883	1.8559635883e+1
134.38	18.561017117	1.8561017117e+1
134.39	18.56239835	1.856239835e+1
134.4	18.563779584	1.8563779584e+1
134.41	18.565160818	1.8565160818e+1
134.42	18.566542051	1.8566542051e+1
134.43	18.567923285	1.8567923285e+1
134.44	18.569304518	1.8569304518e+1
134.45	18.570685752	1.8570685752e+1
134.46	18.572066986	1.8572066986e+1
134.47	18.573448219	1.8573448219e+1
134.48	18.574829453	1.8574829453e+1
134.49	18.576210686	1.8576210686e+1
134.5	18.57759192	1.857759192e+1
134.51	18.578973154	1.8578973154e+1
134.52	18.580354387	1.8580354387e+1
134.53	18.581735621	1.8581735621e+1
134.54	18.583116854	1.8583116854e+1
134.55	18.584498088	1.8584498088e+1
134.56	18.585879322	1.8585879322e+1
134.57	18.587260555	1.8587260555e+1
134.58	18.588641789	1.8588641789e+1
134.59	18.590023022	1.8590023022e+1
134.6	18.591404256	1.8591404256e+1
134.61	18.59278549	1.859278549e+1
134.62	18.594166723	1.8594166723e+1
134.63	18.595547957	1.8595547957e+1
134.64	18.59692919	1.859692919e+1
134.65	18.598310424	1.8598310424e+1
134.66	18.599691658	1.8599691658e+1

134.67	18.601072891	1.8601072891e+1
134.68	18.602454125	1.8602454125e+1
134.69	18.603835358	1.8603835358e+1
134.7	18.605216592	1.8605216592e+1
134.71	18.606597826	1.8606597826e+1
134.72	18.607979059	1.8607979059e+1
134.73	18.609360293	1.8609360293e+1
134.74	18.610741526	1.8610741526e+1
134.75	18.61212276	1.861212276e+1
134.76	18.613503994	1.8613503994e+1
134.77	18.614885227	1.8614885227e+1
134.78	18.616266461	1.8616266461e+1
134.79	18.617647694	1.8617647694e+1
134.8	18.619028928	1.8619028928e+1
134.81	18.620410162	1.8620410162e+1
134.82	18.621791395	1.8621791395e+1
134.83	18.623172629	1.8623172629e+1
134.84	18.624553862	1.8624553862e+1
134.85	18.625935096	1.8625935096e+1
134.86	18.62731633	1.862731633e+1
134.87	18.628697563	1.8628697563e+1
134.88	18.630078797	1.8630078797e+1
134.89	18.63146003	1.863146003e+1
134.9	18.632841264	1.8632841264e+1
134.91	18.634222498	1.8634222498e+1
134.92	18.635603731	1.8635603731e+1
134.93	18.636984965	1.8636984965e+1
134.94	18.638366198	1.8638366198e+1
134.95	18.639747432	1.8639747432e+1
134.96	18.641128666	1.8641128666e+1
134.97	18.642509899	1.8642509899e+1
134.98	18.643891133	1.8643891133e+1
134.99	18.645272366	1.8645272366e+1
135	18.6466536	1.86466536e+1
135.01	18.648034834	1.8648034834e+1
135.02	18.649416067	1.8649416067e+1
135.03	18.650797301	1.8650797301e+1
135.04	18.652178534	1.8652178534e+1

135.05	18.653559768	1.8653559768e+1
135.06	18.654941002	1.8654941002e+1
135.07	18.656322235	1.8656322235e+1
135.08	18.657703469	1.8657703469e+1
135.09	18.659084702	1.8659084702e+1
135.1	18.660465936	1.8660465936e+1
135.11	18.66184717	1.866184717e+1
135.12	18.663228403	1.8663228403e+1
135.13	18.664609637	1.8664609637e+1
135.14	18.66599087	1.866599087e+1
135.15	18.667372104	1.8667372104e+1
135.16	18.668753338	1.8668753338e+1
135.17	18.670134571	1.8670134571e+1
135.18	18.671515805	1.8671515805e+1
135.19	18.672897038	1.8672897038e+1
135.2	18.674278272	1.8674278272e+1
135.21	18.675659506	1.8675659506e+1
135.22	18.677040739	1.8677040739e+1
135.23	18.678421973	1.8678421973e+1
135.24	18.679803206	1.8679803206e+1
135.25	18.68118444	1.868118444e+1
135.26	18.682565674	1.8682565674e+1
135.27	18.683946907	1.8683946907e+1
135.28	18.685328141	1.8685328141e+1
135.29	18.686709374	1.8686709374e+1
135.3	18.688090608	1.8688090608e+1
135.31	18.689471842	1.8689471842e+1
135.32	18.690853075	1.8690853075e+1
135.33	18.692234309	1.8692234309e+1
135.34	18.693615542	1.8693615542e+1
135.35	18.694996776	1.8694996776e+1
135.36	18.69637801	1.869637801e+1
135.37	18.697759243	1.8697759243e+1
135.38	18.699140477	1.8699140477e+1
135.39	18.70052171	1.870052171e+1
135.4	18.701902944	1.8701902944e+1
135.41	18.703284178	1.8703284178e+1
135.42	18.704665411	1.8704665411e+1

135.43	18.706046645	1.8706046645e+1
135.44	18.707427878	1.8707427878e+1
135.45	18.708809112	1.8708809112e+1
135.46	18.710190346	1.8710190346e+1
135.47	18.711571579	1.8711571579e+1
135.48	18.712952813	1.8712952813e+1
135.49	18.714334046	1.8714334046e+1
135.5	18.71571528	1.871571528e+1
135.51	18.717096514	1.8717096514e+1
135.52	18.718477747	1.8718477747e+1
135.53	18.719858981	1.8719858981e+1
135.54	18.721240214	1.8721240214e+1
135.55	18.722621448	1.8722621448e+1
135.56	18.724002682	1.8724002682e+1
135.57	18.725383915	1.8725383915e+1
135.58	18.726765149	1.8726765149e+1
135.59	18.728146382	1.8728146382e+1
135.6	18.729527616	1.8729527616e+1
135.61	18.73090885	1.873090885e+1
135.62	18.732290083	1.8732290083e+1
135.63	18.733671317	1.8733671317e+1
135.64	18.73505255	1.873505255e+1
135.65	18.736433784	1.8736433784e+1
135.66	18.737815018	1.8737815018e+1
135.67	18.739196251	1.8739196251e+1
135.68	18.740577485	1.8740577485e+1
135.69	18.741958718	1.8741958718e+1
135.7	18.743339952	1.8743339952e+1
135.71	18.744721186	1.8744721186e+1
135.72	18.746102419	1.8746102419e+1
135.73	18.747483653	1.8747483653e+1
135.74	18.748864886	1.8748864886e+1
135.75	18.75024612	1.875024612e+1
135.76	18.751627354	1.8751627354e+1
135.77	18.753008587	1.8753008587e+1
135.78	18.754389821	1.8754389821e+1
135.79	18.755771054	1.8755771054e+1
135.8	18.757152288	1.8757152288e+1

135.81	18.758533522	1.8758533522e+1
135.82	18.759914755	1.8759914755e+1
135.83	18.761295989	1.8761295989e+1
135.84	18.762677222	1.8762677222e+1
135.85	18.764058456	1.8764058456e+1
135.86	18.76543969	1.876543969e+1
135.87	18.766820923	1.8766820923e+1
135.88	18.768202157	1.8768202157e+1
135.89	18.76958339	1.876958339e+1
135.9	18.770964624	1.8770964624e+1
135.91	18.772345858	1.8772345858e+1
135.92	18.773727091	1.8773727091e+1
135.93	18.775108325	1.8775108325e+1
135.94	18.776489558	1.8776489558e+1
135.95	18.777870792	1.8777870792e+1
135.96	18.779252026	1.8779252026e+1
135.97	18.780633259	1.8780633259e+1
135.98	18.782014493	1.8782014493e+1
135.99	18.783395726	1.8783395726e+1
136	18.78477696	1.878477696e+1
136.01	18.786158194	1.8786158194e+1
136.02	18.787539427	1.8787539427e+1
136.03	18.788920661	1.8788920661e+1
136.04	18.790301894	1.8790301894e+1
136.05	18.791683128	1.8791683128e+1
136.06	18.793064362	1.8793064362e+1
136.07	18.794445595	1.8794445595e+1
136.08	18.795826829	1.8795826829e+1
136.09	18.797208062	1.8797208062e+1
136.1	18.798589296	1.8798589296e+1
136.11	18.79997053	1.879997053e+1
136.12	18.801351763	1.8801351763e+1
136.13	18.802732997	1.8802732997e+1
136.14	18.80411423	1.880411423e+1
136.15	18.805495464	1.8805495464e+1
136.16	18.806876698	1.8806876698e+1
136.17	18.808257931	1.8808257931e+1
136.18	18.809639165	1.8809639165e+1

136.19	18.811020398	1.8811020398e+1
136.2	18.812401632	1.8812401632e+1
136.21	18.813782866	1.8813782866e+1
136.22	18.815164099	1.8815164099e+1
136.23	18.816545333	1.8816545333e+1
136.24	18.817926566	1.8817926566e+1
136.25	18.8193078	1.88193078e+1
136.26	18.820689034	1.8820689034e+1
136.27	18.822070267	1.8822070267e+1
136.28	18.823451501	1.8823451501e+1
136.29	18.824832734	1.8824832734e+1
136.3	18.826213968	1.8826213968e+1
136.31	18.827595202	1.8827595202e+1
136.32	18.828976435	1.8828976435e+1
136.33	18.830357669	1.8830357669e+1
136.34	18.831738902	1.8831738902e+1
136.35	18.833120136	1.8833120136e+1
136.36	18.83450137	1.883450137e+1
136.37	18.835882603	1.8835882603e+1
136.38	18.837263837	1.8837263837e+1
136.39	18.83864507	1.883864507e+1
136.4	18.840026304	1.8840026304e+1
136.41	18.841407538	1.8841407538e+1
136.42	18.842788771	1.8842788771e+1
136.43	18.844170005	1.8844170005e+1
136.44	18.845551238	1.8845551238e+1
136.45	18.846932472	1.8846932472e+1
136.46	18.848313706	1.8848313706e+1
136.47	18.849694939	1.8849694939e+1
136.48	18.851076173	1.8851076173e+1
136.49	18.852457406	1.8852457406e+1
136.5	18.85383864	1.885383864e+1
136.51	18.855219874	1.8855219874e+1
136.52	18.856601107	1.8856601107e+1
136.53	18.857982341	1.8857982341e+1
136.54	18.859363574	1.8859363574e+1
136.55	18.860744808	1.8860744808e+1
136.56	18.862126042	1.8862126042e+1

136.57	18.863507275	1.8863507275e+1
136.58	18.864888509	1.8864888509e+1
136.59	18.866269742	1.8866269742e+1
136.6	18.867650976	1.8867650976e+1
136.61	18.86903221	1.886903221e+1
136.62	18.870413443	1.8870413443e+1
136.63	18.871794677	1.8871794677e+1
136.64	18.87317591	1.887317591e+1
136.65	18.874557144	1.8874557144e+1
136.66	18.875938378	1.8875938378e+1
136.67	18.877319611	1.8877319611e+1
136.68	18.878700845	1.8878700845e+1
136.69	18.880082078	1.8880082078e+1
136.7	18.881463312	1.8881463312e+1
136.71	18.882844546	1.8882844546e+1
136.72	18.884225779	1.8884225779e+1
136.73	18.885607013	1.8885607013e+1
136.74	18.886988246	1.8886988246e+1
136.75	18.88836948	1.888836948e+1
136.76	18.889750714	1.8889750714e+1
136.77	18.891131947	1.8891131947e+1
136.78	18.892513181	1.8892513181e+1
136.79	18.893894414	1.8893894414e+1
136.8	18.895275648	1.8895275648e+1
136.81	18.896656882	1.8896656882e+1
136.82	18.898038115	1.8898038115e+1
136.83	18.899419349	1.8899419349e+1
136.84	18.900800582	1.8900800582e+1
136.85	18.902181816	1.8902181816e+1
136.86	18.90356305	1.890356305e+1
136.87	18.904944283	1.8904944283e+1
136.88	18.906325517	1.8906325517e+1
136.89	18.90770675	1.890770675e+1
136.9	18.909087984	1.8909087984e+1
136.91	18.910469218	1.8910469218e+1
136.92	18.911850451	1.8911850451e+1
136.93	18.913231685	1.8913231685e+1
136.94	18.914612918	1.8914612918e+1

136.95	18.915994152	1.8915994152e+1
136.96	18.917375386	1.8917375386e+1
136.97	18.918756619	1.8918756619e+1
136.98	18.920137853	1.8920137853e+1
136.99	18.921519086	1.8921519086e+1
137	18.92290032	1.892290032e+1
137.01	18.924281554	1.8924281554e+1
137.02	18.925662787	1.8925662787e+1
137.03	18.927044021	1.8927044021e+1
137.04	18.928425254	1.8928425254e+1
137.05	18.929806488	1.8929806488e+1
137.06	18.931187722	1.8931187722e+1
137.07	18.932568955	1.8932568955e+1
137.08	18.933950189	1.8933950189e+1
137.09	18.935331422	1.8935331422e+1
137.1	18.936712656	1.8936712656e+1
137.11	18.93809389	1.893809389e+1
137.12	18.939475123	1.8939475123e+1
137.13	18.940856357	1.8940856357e+1
137.14	18.94223759	1.894223759e+1
137.15	18.943618824	1.8943618824e+1
137.16	18.945000058	1.8945000058e+1
137.17	18.946381291	1.8946381291e+1
137.18	18.947762525	1.8947762525e+1
137.19	18.949143758	1.8949143758e+1
137.2	18.950524992	1.8950524992e+1
137.21	18.951906226	1.8951906226e+1
137.22	18.953287459	1.8953287459e+1
137.23	18.954668693	1.8954668693e+1
137.24	18.956049926	1.8956049926e+1
137.25	18.95743116	1.895743116e+1
137.26	18.958812394	1.8958812394e+1
137.27	18.960193627	1.8960193627e+1
137.28	18.961574861	1.8961574861e+1
137.29	18.962956094	1.8962956094e+1
137.3	18.964337328	1.8964337328e+1
137.31	18.965718562	1.8965718562e+1
137.32	18.967099795	1.8967099795e+1

137.33	18.968481029	1.8968481029e+1
137.34	18.969862262	1.8969862262e+1
137.35	18.971243496	1.8971243496e+1
137.36	18.97262473	1.897262473e+1
137.37	18.974005963	1.8974005963e+1
137.38	18.975387197	1.8975387197e+1
137.39	18.97676843	1.897676843e+1
137.4	18.978149664	1.8978149664e+1
137.41	18.979530898	1.8979530898e+1
137.42	18.980912131	1.8980912131e+1
137.43	18.982293365	1.8982293365e+1
137.44	18.983674598	1.8983674598e+1
137.45	18.985055832	1.8985055832e+1
137.46	18.986437066	1.8986437066e+1
137.47	18.987818299	1.8987818299e+1
137.48	18.989199533	1.8989199533e+1
137.49	18.990580766	1.8990580766e+1
137.5	18.991962	1.8991962e+1
137.51	18.993343234	1.8993343234e+1
137.52	18.994724467	1.8994724467e+1
137.53	18.996105701	1.8996105701e+1
137.54	18.997486934	1.8997486934e+1
137.55	18.998868168	1.8998868168e+1
137.56	19.000249402	1.9000249402e+1
137.57	19.001630635	1.9001630635e+1
137.58	19.003011869	1.9003011869e+1
137.59	19.004393102	1.9004393102e+1
137.6	19.005774336	1.9005774336e+1
137.61	19.00715557	1.900715557e+1
137.62	19.008536803	1.9008536803e+1
137.63	19.009918037	1.9009918037e+1
137.64	19.01129927	1.901129927e+1
137.65	19.012680504	1.9012680504e+1
137.66	19.014061738	1.9014061738e+1
137.67	19.015442971	1.9015442971e+1
137.68	19.016824205	1.9016824205e+1
137.69	19.018205438	1.9018205438e+1
137.7	19.019586672	1.9019586672e+1

137.71	19.020967906	1.9020967906e+1
137.72	19.022349139	1.9022349139e+1
137.73	19.023730373	1.9023730373e+1
137.74	19.025111606	1.9025111606e+1
137.75	19.02649284	1.902649284e+1
137.76	19.027874074	1.9027874074e+1
137.77	19.029255307	1.9029255307e+1
137.78	19.030636541	1.9030636541e+1
137.79	19.032017774	1.9032017774e+1
137.8	19.033399008	1.9033399008e+1
137.81	19.034780242	1.9034780242e+1
137.82	19.036161475	1.9036161475e+1
137.83	19.037542709	1.9037542709e+1
137.84	19.038923942	1.9038923942e+1
137.85	19.040305176	1.9040305176e+1
137.86	19.04168641	1.904168641e+1
137.87	19.043067643	1.9043067643e+1
137.88	19.044448877	1.9044448877e+1
137.89	19.04583011	1.904583011e+1
137.9	19.047211344	1.9047211344e+1
137.91	19.048592578	1.9048592578e+1
137.92	19.049973811	1.9049973811e+1
137.93	19.051355045	1.9051355045e+1
137.94	19.052736278	1.9052736278e+1
137.95	19.054117512	1.9054117512e+1
137.96	19.055498746	1.9055498746e+1
137.97	19.056879979	1.9056879979e+1
137.98	19.058261213	1.9058261213e+1
137.99	19.059642446	1.9059642446e+1
138	19.06102368	1.906102368e+1
138.01	19.062404914	1.9062404914e+1
138.02	19.063786147	1.9063786147e+1
138.03	19.065167381	1.9065167381e+1
138.04	19.066548614	1.9066548614e+1
138.05	19.067929848	1.9067929848e+1
138.06	19.069311082	1.9069311082e+1
138.07	19.070692315	1.9070692315e+1
138.08	19.072073549	1.9072073549e+1

138.09	19.073454782	1.9073454782e+1
138.1	19.074836016	1.9074836016e+1
138.11	19.07621725	1.907621725e+1
138.12	19.077598483	1.9077598483e+1
138.13	19.078979717	1.9078979717e+1
138.14	19.08036095	1.908036095e+1
138.15	19.081742184	1.9081742184e+1
138.16	19.083123418	1.9083123418e+1
138.17	19.084504651	1.9084504651e+1
138.18	19.085885885	1.9085885885e+1
138.19	19.087267118	1.9087267118e+1
138.2	19.088648352	1.9088648352e+1
138.21	19.090029586	1.9090029586e+1
138.22	19.091410819	1.9091410819e+1
138.23	19.092792053	1.9092792053e+1
138.24	19.094173286	1.9094173286e+1
138.25	19.09555452	1.909555452e+1
138.26	19.096935754	1.9096935754e+1
138.27	19.098316987	1.9098316987e+1
138.28	19.099698221	1.9099698221e+1
138.29	19.101079454	1.9101079454e+1
138.3	19.102460688	1.9102460688e+1
138.31	19.103841922	1.9103841922e+1
138.32	19.105223155	1.9105223155e+1
138.33	19.106604389	1.9106604389e+1
138.34	19.107985622	1.9107985622e+1
138.35	19.109366856	1.9109366856e+1
138.36	19.11074809	1.911074809e+1
138.37	19.112129323	1.9112129323e+1
138.38	19.113510557	1.9113510557e+1
138.39	19.11489179	1.911489179e+1
138.4	19.116273024	1.9116273024e+1
138.41	19.117654258	1.9117654258e+1
138.42	19.119035491	1.9119035491e+1
138.43	19.120416725	1.9120416725e+1
138.44	19.121797958	1.9121797958e+1
138.45	19.123179192	1.9123179192e+1
138.46	19.124560426	1.9124560426e+1

138.47	19.125941659	1.9125941659e+1
138.48	19.127322893	1.9127322893e+1
138.49	19.128704126	1.9128704126e+1
138.5	19.13008536	1.913008536e+1
138.51	19.131466594	1.9131466594e+1
138.52	19.132847827	1.9132847827e+1
138.53	19.134229061	1.9134229061e+1
138.54	19.135610294	1.9135610294e+1
138.55	19.136991528	1.9136991528e+1
138.56	19.138372762	1.9138372762e+1
138.57	19.139753995	1.9139753995e+1
138.58	19.141135229	1.9141135229e+1
138.59	19.142516462	1.9142516462e+1
138.6	19.143897696	1.9143897696e+1
138.61	19.14527893	1.914527893e+1
138.62	19.146660163	1.9146660163e+1
138.63	19.148041397	1.9148041397e+1
138.64	19.14942263	1.914942263e+1
138.65	19.150803864	1.9150803864e+1
138.66	19.152185098	1.9152185098e+1
138.67	19.153566331	1.9153566331e+1
138.68	19.154947565	1.9154947565e+1
138.69	19.156328798	1.9156328798e+1
138.7	19.157710032	1.9157710032e+1
138.71	19.159091266	1.9159091266e+1
138.72	19.160472499	1.9160472499e+1
138.73	19.161853733	1.9161853733e+1
138.74	19.163234966	1.9163234966e+1
138.75	19.1646162	1.91646162e+1
138.76	19.165997434	1.9165997434e+1
138.77	19.167378667	1.9167378667e+1
138.78	19.168759901	1.9168759901e+1
138.79	19.170141134	1.9170141134e+1
138.8	19.171522368	1.9171522368e+1
138.81	19.172903602	1.9172903602e+1
138.82	19.174284835	1.9174284835e+1
138.83	19.175666069	1.9175666069e+1
138.84	19.177047302	1.9177047302e+1

138.85	19.178428536	1.9178428536e+1
138.86	19.17980977	1.917980977e+1
138.87	19.181191003	1.9181191003e+1
138.88	19.182572237	1.9182572237e+1
138.89	19.18395347	1.918395347e+1
138.9	19.185334704	1.9185334704e+1
138.91	19.186715938	1.9186715938e+1
138.92	19.188097171	1.9188097171e+1
138.93	19.189478405	1.9189478405e+1
138.94	19.190859638	1.9190859638e+1
138.95	19.192240872	1.9192240872e+1
138.96	19.193622106	1.9193622106e+1
138.97	19.195003339	1.9195003339e+1
138.98	19.196384573	1.9196384573e+1
138.99	19.197765806	1.9197765806e+1
139	19.19914704	1.919914704e+1
139.01	19.200528274	1.9200528274e+1
139.02	19.201909507	1.9201909507e+1
139.03	19.203290741	1.9203290741e+1
139.04	19.204671974	1.9204671974e+1
139.05	19.206053208	1.9206053208e+1
139.06	19.207434442	1.9207434442e+1
139.07	19.208815675	1.9208815675e+1
139.08	19.210196909	1.9210196909e+1
139.09	19.211578142	1.9211578142e+1
139.1	19.212959376	1.9212959376e+1
139.11	19.21434061	1.921434061e+1
139.12	19.215721843	1.9215721843e+1
139.13	19.217103077	1.9217103077e+1
139.14	19.21848431	1.921848431e+1
139.15	19.219865544	1.9219865544e+1
139.16	19.221246778	1.9221246778e+1
139.17	19.222628011	1.9222628011e+1
139.18	19.224009245	1.9224009245e+1
139.19	19.225390478	1.9225390478e+1
139.2	19.226771712	1.9226771712e+1
139.21	19.228152946	1.9228152946e+1
139.22	19.229534179	1.9229534179e+1

139.23	19.230915413	1.9230915413e+1
139.24	19.232296646	1.9232296646e+1
139.25	19.23367788	1.923367788e+1
139.26	19.235059114	1.9235059114e+1
139.27	19.236440347	1.9236440347e+1
139.28	19.237821581	1.9237821581e+1
139.29	19.239202814	1.9239202814e+1
139.3	19.240584048	1.9240584048e+1
139.31	19.241965282	1.9241965282e+1
139.32	19.243346515	1.9243346515e+1
139.33	19.244727749	1.9244727749e+1
139.34	19.246108982	1.9246108982e+1
139.35	19.247490216	1.9247490216e+1
139.36	19.24887145	1.924887145e+1
139.37	19.250252683	1.9250252683e+1
139.38	19.251633917	1.9251633917e+1
139.39	19.25301515	1.925301515e+1
139.4	19.254396384	1.9254396384e+1
139.41	19.255777618	1.9255777618e+1
139.42	19.257158851	1.9257158851e+1
139.43	19.258540085	1.9258540085e+1
139.44	19.259921318	1.9259921318e+1
139.45	19.261302552	1.9261302552e+1
139.46	19.262683786	1.9262683786e+1
139.47	19.264065019	1.9264065019e+1
139.48	19.265446253	1.9265446253e+1
139.49	19.266827486	1.9266827486e+1
139.5	19.26820872	1.926820872e+1
139.51	19.269589954	1.9269589954e+1
139.52	19.270971187	1.9270971187e+1
139.53	19.272352421	1.9272352421e+1
139.54	19.273733654	1.9273733654e+1
139.55	19.275114888	1.9275114888e+1
139.56	19.276496122	1.9276496122e+1
139.57	19.277877355	1.9277877355e+1
139.58	19.279258589	1.9279258589e+1
139.59	19.280639822	1.9280639822e+1
139.6	19.282021056	1.9282021056e+1

139.61	19.28340229	1.928340229e+1
139.62	19.284783523	1.9284783523e+1
139.63	19.286164757	1.9286164757e+1
139.64	19.28754599	1.928754599e+1
139.65	19.288927224	1.9288927224e+1
139.66	19.290308458	1.9290308458e+1
139.67	19.291689691	1.9291689691e+1
139.68	19.293070925	1.9293070925e+1
139.69	19.294452158	1.9294452158e+1
139.7	19.295833392	1.9295833392e+1
139.71	19.297214626	1.9297214626e+1
139.72	19.298595859	1.9298595859e+1
139.73	19.299977093	1.9299977093e+1
139.74	19.301358326	1.9301358326e+1
139.75	19.30273956	1.930273956e+1
139.76	19.304120794	1.9304120794e+1
139.77	19.305502027	1.9305502027e+1
139.78	19.306883261	1.9306883261e+1
139.79	19.308264494	1.9308264494e+1
139.8	19.309645728	1.9309645728e+1
139.81	19.311026962	1.9311026962e+1
139.82	19.312408195	1.9312408195e+1
139.83	19.313789429	1.9313789429e+1
139.84	19.315170662	1.9315170662e+1
139.85	19.316551896	1.9316551896e+1
139.86	19.31793313	1.931793313e+1
139.87	19.319314363	1.9319314363e+1
139.88	19.320695597	1.9320695597e+1
139.89	19.32207683	1.932207683e+1
139.9	19.323458064	1.9323458064e+1
139.91	19.324839298	1.9324839298e+1
139.92	19.326220531	1.9326220531e+1
139.93	19.327601765	1.9327601765e+1
139.94	19.328982998	1.9328982998e+1
139.95	19.330364232	1.9330364232e+1
139.96	19.331745466	1.9331745466e+1
139.97	19.333126699	1.9333126699e+1
139.98	19.334507933	1.9334507933e+1

139.99	19.335889166	1.9335889166e+1
140	19.3372704	1.93372704e+1
140.01	19.338651634	1.9338651634e+1
140.02	19.340032867	1.9340032867e+1
140.03	19.341414101	1.9341414101e+1
140.04	19.342795334	1.9342795334e+1
140.05	19.344176568	1.9344176568e+1
140.06	19.345557802	1.9345557802e+1
140.07	19.346939035	1.9346939035e+1
140.08	19.348320269	1.9348320269e+1
140.09	19.349701502	1.9349701502e+1
140.1	19.351082736	1.9351082736e+1
140.11	19.35246397	1.935246397e+1
140.12	19.353845203	1.9353845203e+1
140.13	19.355226437	1.9355226437e+1
140.14	19.35660767	1.935660767e+1
140.15	19.357988904	1.9357988904e+1
140.16	19.359370138	1.9359370138e+1
140.17	19.360751371	1.9360751371e+1
140.18	19.362132605	1.9362132605e+1
140.19	19.363513838	1.9363513838e+1
140.2	19.364895072	1.9364895072e+1
140.21	19.366276306	1.9366276306e+1
140.22	19.367657539	1.9367657539e+1
140.23	19.369038773	1.9369038773e+1
140.24	19.370420006	1.9370420006e+1
140.25	19.37180124	1.937180124e+1
140.26	19.373182474	1.9373182474e+1
140.27	19.374563707	1.9374563707e+1
140.28	19.375944941	1.9375944941e+1
140.29	19.377326174	1.9377326174e+1
140.3	19.378707408	1.9378707408e+1
140.31	19.380088642	1.9380088642e+1
140.32	19.381469875	1.9381469875e+1
140.33	19.382851109	1.9382851109e+1
140.34	19.384232342	1.9384232342e+1
140.35	19.385613576	1.9385613576e+1
140.36	19.38699481	1.938699481e+1

140.37	19.388376043	1.9388376043e+1
140.38	19.389757277	1.9389757277e+1
140.39	19.39113851	1.939113851e+1
140.4	19.392519744	1.9392519744e+1
140.41	19.393900978	1.9393900978e+1
140.42	19.395282211	1.9395282211e+1
140.43	19.396663445	1.9396663445e+1
140.44	19.398044678	1.9398044678e+1
140.45	19.399425912	1.9399425912e+1
140.46	19.400807146	1.9400807146e+1
140.47	19.402188379	1.9402188379e+1
140.48	19.403569613	1.9403569613e+1
140.49	19.404950846	1.9404950846e+1
140.5	19.40633208	1.940633208e+1
140.51	19.407713314	1.9407713314e+1
140.52	19.409094547	1.9409094547e+1
140.53	19.410475781	1.9410475781e+1
140.54	19.411857014	1.9411857014e+1
140.55	19.413238248	1.9413238248e+1
140.56	19.414619482	1.9414619482e+1
140.57	19.416000715	1.9416000715e+1
140.58	19.417381949	1.9417381949e+1
140.59	19.418763182	1.9418763182e+1
140.6	19.420144416	1.9420144416e+1
140.61	19.42152565	1.942152565e+1
140.62	19.422906883	1.9422906883e+1
140.63	19.424288117	1.9424288117e+1
140.64	19.42566935	1.942566935e+1
140.65	19.427050584	1.9427050584e+1
140.66	19.428431818	1.9428431818e+1
140.67	19.429813051	1.9429813051e+1
140.68	19.431194285	1.9431194285e+1
140.69	19.432575518	1.9432575518e+1
140.7	19.433956752	1.9433956752e+1
140.71	19.435337986	1.9435337986e+1
140.72	19.436719219	1.9436719219e+1
140.73	19.438100453	1.9438100453e+1
140.74	19.439481686	1.9439481686e+1

140.75	19.44086292	1.944086292e+1
140.76	19.442244154	1.9442244154e+1
140.77	19.443625387	1.9443625387e+1
140.78	19.445006621	1.9445006621e+1
140.79	19.446387854	1.9446387854e+1
140.8	19.447769088	1.9447769088e+1
140.81	19.449150322	1.9449150322e+1
140.82	19.450531555	1.9450531555e+1
140.83	19.451912789	1.9451912789e+1
140.84	19.453294022	1.9453294022e+1
140.85	19.454675256	1.9454675256e+1
140.86	19.45605649	1.945605649e+1
140.87	19.457437723	1.9457437723e+1
140.88	19.458818957	1.9458818957e+1
140.89	19.46020019	1.946020019e+1
140.9	19.461581424	1.9461581424e+1
140.91	19.462962658	1.9462962658e+1
140.92	19.464343891	1.9464343891e+1
140.93	19.465725125	1.9465725125e+1
140.94	19.467106358	1.9467106358e+1
140.95	19.468487592	1.9468487592e+1
140.96	19.469868826	1.9469868826e+1
140.97	19.471250059	1.9471250059e+1
140.98	19.472631293	1.9472631293e+1
140.99	19.474012526	1.9474012526e+1
141	19.47539376	1.947539376e+1
141.01	19.476774994	1.9476774994e+1
141.02	19.478156227	1.9478156227e+1
141.03	19.479537461	1.9479537461e+1
141.04	19.480918694	1.9480918694e+1
141.05	19.482299928	1.9482299928e+1
141.06	19.483681162	1.9483681162e+1
141.07	19.485062395	1.9485062395e+1
141.08	19.486443629	1.9486443629e+1
141.09	19.487824862	1.9487824862e+1
141.1	19.489206096	1.9489206096e+1
141.11	19.49058733	1.949058733e+1
141.12	19.491968563	1.9491968563e+1

141.13	19.493349797	1.9493349797e+1
141.14	19.49473103	1.949473103e+1
141.15	19.496112264	1.9496112264e+1
141.16	19.497493498	1.9497493498e+1
141.17	19.498874731	1.9498874731e+1
141.18	19.500255965	1.9500255965e+1
141.19	19.501637198	1.9501637198e+1
141.2	19.503018432	1.9503018432e+1
141.21	19.504399666	1.9504399666e+1
141.22	19.505780899	1.9505780899e+1
141.23	19.507162133	1.9507162133e+1
141.24	19.508543366	1.9508543366e+1
141.25	19.5099246	1.95099246e+1
141.26	19.511305834	1.9511305834e+1
141.27	19.512687067	1.9512687067e+1
141.28	19.514068301	1.9514068301e+1
141.29	19.515449534	1.9515449534e+1
141.3	19.516830768	1.9516830768e+1
141.31	19.518212002	1.9518212002e+1
141.32	19.519593235	1.9519593235e+1
141.33	19.520974469	1.9520974469e+1
141.34	19.522355702	1.9522355702e+1
141.35	19.523736936	1.9523736936e+1
141.36	19.52511817	1.952511817e+1
141.37	19.526499403	1.9526499403e+1
141.38	19.527880637	1.9527880637e+1
141.39	19.52926187	1.952926187e+1
141.4	19.530643104	1.9530643104e+1
141.41	19.532024338	1.9532024338e+1
141.42	19.533405571	1.9533405571e+1
141.43	19.534786805	1.9534786805e+1
141.44	19.536168038	1.9536168038e+1
141.45	19.537549272	1.9537549272e+1
141.46	19.538930506	1.9538930506e+1
141.47	19.540311739	1.9540311739e+1
141.48	19.541692973	1.9541692973e+1
141.49	19.543074206	1.9543074206e+1
141.5	19.54445544	1.954445544e+1

141.51	19.545836674	1.9545836674e+1
141.52	19.547217907	1.9547217907e+1
141.53	19.548599141	1.9548599141e+1
141.54	19.549980374	1.9549980374e+1
141.55	19.551361608	1.9551361608e+1
141.56	19.552742842	1.9552742842e+1
141.57	19.554124075	1.9554124075e+1
141.58	19.555505309	1.9555505309e+1
141.59	19.556886542	1.9556886542e+1
141.6	19.558267776	1.9558267776e+1
141.61	19.55964901	1.955964901e+1
141.62	19.561030243	1.9561030243e+1
141.63	19.562411477	1.9562411477e+1
141.64	19.56379271	1.956379271e+1
141.65	19.565173944	1.9565173944e+1
141.66	19.566555178	1.9566555178e+1
141.67	19.567936411	1.9567936411e+1
141.68	19.569317645	1.9569317645e+1
141.69	19.570698878	1.9570698878e+1
141.7	19.572080112	1.9572080112e+1
141.71	19.573461346	1.9573461346e+1
141.72	19.574842579	1.9574842579e+1
141.73	19.576223813	1.9576223813e+1
141.74	19.577605046	1.9577605046e+1
141.75	19.57898628	1.957898628e+1
141.76	19.580367514	1.9580367514e+1
141.77	19.581748747	1.9581748747e+1
141.78	19.583129981	1.9583129981e+1
141.79	19.584511214	1.9584511214e+1
141.8	19.585892448	1.9585892448e+1
141.81	19.587273682	1.9587273682e+1
141.82	19.588654915	1.9588654915e+1
141.83	19.590036149	1.9590036149e+1
141.84	19.591417382	1.9591417382e+1
141.85	19.592798616	1.9592798616e+1
141.86	19.59417985	1.959417985e+1
141.87	19.595561083	1.9595561083e+1
141.88	19.596942317	1.9596942317e+1

141.89	19.59832355	1.959832355e+1
141.9	19.599704784	1.9599704784e+1
141.91	19.601086018	1.9601086018e+1
141.92	19.602467251	1.9602467251e+1
141.93	19.603848485	1.9603848485e+1
141.94	19.605229718	1.9605229718e+1
141.95	19.606610952	1.9606610952e+1
141.96	19.607992186	1.9607992186e+1
141.97	19.609373419	1.9609373419e+1
141.98	19.610754653	1.9610754653e+1
141.99	19.612135886	1.9612135886e+1
142	19.61351712	1.961351712e+1
142.01	19.614898354	1.9614898354e+1
142.02	19.616279587	1.9616279587e+1
142.03	19.617660821	1.9617660821e+1
142.04	19.619042054	1.9619042054e+1
142.05	19.620423288	1.9620423288e+1
142.06	19.621804522	1.9621804522e+1
142.07	19.623185755	1.9623185755e+1
142.08	19.624566989	1.9624566989e+1
142.09	19.625948222	1.9625948222e+1
142.1	19.627329456	1.9627329456e+1
142.11	19.62871069	1.962871069e+1
142.12	19.630091923	1.9630091923e+1
142.13	19.631473157	1.9631473157e+1
142.14	19.63285439	1.963285439e+1
142.15	19.634235624	1.9634235624e+1
142.16	19.635616858	1.9635616858e+1
142.17	19.636998091	1.9636998091e+1
142.18	19.638379325	1.9638379325e+1
142.19	19.639760558	1.9639760558e+1
142.2	19.641141792	1.9641141792e+1
142.21	19.642523026	1.9642523026e+1
142.22	19.643904259	1.9643904259e+1
142.23	19.645285493	1.9645285493e+1
142.24	19.646666726	1.9646666726e+1
142.25	19.64804796	1.964804796e+1
142.26	19.649429194	1.9649429194e+1

142.27	19.650810427	1.9650810427e+1
142.28	19.652191661	1.9652191661e+1
142.29	19.653572894	1.9653572894e+1
142.3	19.654954128	1.9654954128e+1
142.31	19.656335362	1.9656335362e+1
142.32	19.657716595	1.9657716595e+1
142.33	19.659097829	1.9659097829e+1
142.34	19.660479062	1.9660479062e+1
142.35	19.661860296	1.9661860296e+1
142.36	19.66324153	1.966324153e+1
142.37	19.664622763	1.9664622763e+1
142.38	19.666003997	1.9666003997e+1
142.39	19.66738523	1.966738523e+1
142.4	19.668766464	1.9668766464e+1
142.41	19.670147698	1.9670147698e+1
142.42	19.671528931	1.9671528931e+1
142.43	19.672910165	1.9672910165e+1
142.44	19.674291398	1.9674291398e+1
142.45	19.675672632	1.9675672632e+1
142.46	19.677053866	1.9677053866e+1
142.47	19.678435099	1.9678435099e+1
142.48	19.679816333	1.9679816333e+1
142.49	19.681197566	1.9681197566e+1
142.5	19.6825788	1.96825788e+1
142.51	19.683960034	1.9683960034e+1
142.52	19.685341267	1.9685341267e+1
142.53	19.686722501	1.9686722501e+1
142.54	19.688103734	1.9688103734e+1
142.55	19.689484968	1.9689484968e+1
142.56	19.690866202	1.9690866202e+1
142.57	19.692247435	1.9692247435e+1
142.58	19.693628669	1.9693628669e+1
142.59	19.695009902	1.9695009902e+1
142.6	19.696391136	1.9696391136e+1
142.61	19.69777237	1.969777237e+1
142.62	19.699153603	1.9699153603e+1
142.63	19.700534837	1.9700534837e+1
142.64	19.70191607	1.970191607e+1

142.65	19.703297304	1.9703297304e+1
142.66	19.704678538	1.9704678538e+1
142.67	19.706059771	1.9706059771e+1
142.68	19.707441005	1.9707441005e+1
142.69	19.708822238	1.9708822238e+1
142.7	19.710203472	1.9710203472e+1
142.71	19.711584706	1.9711584706e+1
142.72	19.712965939	1.9712965939e+1
142.73	19.714347173	1.9714347173e+1
142.74	19.715728406	1.9715728406e+1
142.75	19.71710964	1.971710964e+1
142.76	19.718490874	1.9718490874e+1
142.77	19.719872107	1.9719872107e+1
142.78	19.721253341	1.9721253341e+1
142.79	19.722634574	1.9722634574e+1
142.8	19.724015808	1.9724015808e+1
142.81	19.725397042	1.9725397042e+1
142.82	19.726778275	1.9726778275e+1
142.83	19.728159509	1.9728159509e+1
142.84	19.729540742	1.9729540742e+1
142.85	19.730921976	1.9730921976e+1
142.86	19.73230321	1.973230321e+1
142.87	19.733684443	1.9733684443e+1
142.88	19.735065677	1.9735065677e+1
142.89	19.73644691	1.973644691e+1
142.9	19.737828144	1.9737828144e+1
142.91	19.739209378	1.9739209378e+1
142.92	19.740590611	1.9740590611e+1
142.93	19.741971845	1.9741971845e+1
142.94	19.743353078	1.9743353078e+1
142.95	19.744734312	1.9744734312e+1
142.96	19.746115546	1.9746115546e+1
142.97	19.747496779	1.9747496779e+1
142.98	19.748878013	1.9748878013e+1
142.99	19.750259246	1.9750259246e+1
143	19.75164048	1.975164048e+1
143.01	19.753021714	1.9753021714e+1
143.02	19.754402947	1.9754402947e+1

143.03	19.755784181	1.9755784181e+1
143.04	19.757165414	1.9757165414e+1
143.05	19.758546648	1.9758546648e+1
143.06	19.759927882	1.9759927882e+1
143.07	19.761309115	1.9761309115e+1
143.08	19.762690349	1.9762690349e+1
143.09	19.764071582	1.9764071582e+1
143.1	19.765452816	1.9765452816e+1
143.11	19.76683405	1.976683405e+1
143.12	19.768215283	1.9768215283e+1
143.13	19.769596517	1.9769596517e+1
143.14	19.77097775	1.977097775e+1
143.15	19.772358984	1.9772358984e+1
143.16	19.773740218	1.9773740218e+1
143.17	19.775121451	1.9775121451e+1
143.18	19.776502685	1.9776502685e+1
143.19	19.777883918	1.9777883918e+1
143.2	19.779265152	1.9779265152e+1
143.21	19.780646386	1.9780646386e+1
143.22	19.782027619	1.9782027619e+1
143.23	19.783408853	1.9783408853e+1
143.24	19.784790086	1.9784790086e+1
143.25	19.78617132	1.978617132e+1
143.26	19.787552554	1.9787552554e+1
143.27	19.788933787	1.9788933787e+1
143.28	19.790315021	1.9790315021e+1
143.29	19.791696254	1.9791696254e+1
143.3	19.793077488	1.9793077488e+1
143.31	19.794458722	1.9794458722e+1
143.32	19.795839955	1.9795839955e+1
143.33	19.797221189	1.9797221189e+1
143.34	19.798602422	1.9798602422e+1
143.35	19.799983656	1.9799983656e+1
143.36	19.80136489	1.980136489e+1
143.37	19.802746123	1.9802746123e+1
143.38	19.804127357	1.9804127357e+1
143.39	19.80550859	1.980550859e+1
143.4	19.806889824	1.9806889824e+1

143.41	19.808271058	1.9808271058e+1
143.42	19.809652291	1.9809652291e+1
143.43	19.811033525	1.9811033525e+1
143.44	19.812414758	1.9812414758e+1
143.45	19.813795992	1.9813795992e+1
143.46	19.815177226	1.9815177226e+1
143.47	19.816558459	1.9816558459e+1
143.48	19.817939693	1.9817939693e+1
143.49	19.819320926	1.9819320926e+1
143.5	19.82070216	1.982070216e+1
143.51	19.822083394	1.9822083394e+1
143.52	19.823464627	1.9823464627e+1
143.53	19.824845861	1.9824845861e+1
143.54	19.826227094	1.9826227094e+1
143.55	19.827608328	1.9827608328e+1
143.56	19.828989562	1.9828989562e+1
143.57	19.830370795	1.9830370795e+1
143.58	19.831752029	1.9831752029e+1
143.59	19.833133262	1.9833133262e+1
143.6	19.834514496	1.9834514496e+1
143.61	19.83589573	1.983589573e+1
143.62	19.837276963	1.9837276963e+1
143.63	19.838658197	1.9838658197e+1
143.64	19.84003943	1.984003943e+1
143.65	19.841420664	1.9841420664e+1
143.66	19.842801898	1.9842801898e+1
143.67	19.844183131	1.9844183131e+1
143.68	19.845564365	1.9845564365e+1
143.69	19.846945598	1.9846945598e+1
143.7	19.848326832	1.9848326832e+1
143.71	19.849708066	1.9849708066e+1
143.72	19.851089299	1.9851089299e+1
143.73	19.852470533	1.9852470533e+1
143.74	19.853851766	1.9853851766e+1
143.75	19.855233	1.9855233e+1
143.76	19.856614234	1.9856614234e+1
143.77	19.857995467	1.9857995467e+1
143.78	19.859376701	1.9859376701e+1

143.79	19.860757934	1.9860757934e+1
143.8	19.862139168	1.9862139168e+1
143.81	19.863520402	1.9863520402e+1
143.82	19.864901635	1.9864901635e+1
143.83	19.866282869	1.9866282869e+1
143.84	19.867664102	1.9867664102e+1
143.85	19.869045336	1.9869045336e+1
143.86	19.87042657	1.987042657e+1
143.87	19.871807803	1.9871807803e+1
143.88	19.873189037	1.9873189037e+1
143.89	19.87457027	1.987457027e+1
143.9	19.875951504	1.9875951504e+1
143.91	19.877332738	1.9877332738e+1
143.92	19.878713971	1.9878713971e+1
143.93	19.880095205	1.9880095205e+1
143.94	19.881476438	1.9881476438e+1
143.95	19.882857672	1.9882857672e+1
143.96	19.884238906	1.9884238906e+1
143.97	19.885620139	1.9885620139e+1
143.98	19.887001373	1.9887001373e+1
143.99	19.888382606	1.9888382606e+1
144	19.88976384	1.988976384e+1
144.01	19.891145074	1.9891145074e+1
144.02	19.892526307	1.9892526307e+1
144.03	19.893907541	1.9893907541e+1
144.04	19.895288774	1.9895288774e+1
144.05	19.896670008	1.9896670008e+1
144.06	19.898051242	1.9898051242e+1
144.07	19.899432475	1.9899432475e+1
144.08	19.900813709	1.9900813709e+1
144.09	19.902194942	1.9902194942e+1
144.1	19.903576176	1.9903576176e+1
144.11	19.90495741	1.990495741e+1
144.12	19.906338643	1.9906338643e+1
144.13	19.907719877	1.9907719877e+1
144.14	19.90910111	1.990910111e+1
144.15	19.910482344	1.9910482344e+1
144.16	19.911863578	1.9911863578e+1

144.17	19.913244811	1.9913244811e+1
144.18	19.914626045	1.9914626045e+1
144.19	19.916007278	1.9916007278e+1
144.2	19.917388512	1.9917388512e+1
144.21	19.918769746	1.9918769746e+1
144.22	19.920150979	1.9920150979e+1
144.23	19.921532213	1.9921532213e+1
144.24	19.922913446	1.9922913446e+1
144.25	19.92429468	1.992429468e+1
144.26	19.925675914	1.9925675914e+1
144.27	19.927057147	1.9927057147e+1
144.28	19.928438381	1.9928438381e+1
144.29	19.929819614	1.9929819614e+1
144.3	19.931200848	1.9931200848e+1
144.31	19.932582082	1.9932582082e+1
144.32	19.933963315	1.9933963315e+1
144.33	19.935344549	1.9935344549e+1
144.34	19.936725782	1.9936725782e+1
144.35	19.938107016	1.9938107016e+1
144.36	19.93948825	1.993948825e+1
144.37	19.940869483	1.9940869483e+1
144.38	19.942250717	1.9942250717e+1
144.39	19.94363195	1.994363195e+1
144.4	19.945013184	1.9945013184e+1
144.41	19.946394418	1.9946394418e+1
144.42	19.947775651	1.9947775651e+1
144.43	19.949156885	1.9949156885e+1
144.44	19.950538118	1.9950538118e+1
144.45	19.951919352	1.9951919352e+1
144.46	19.953300586	1.9953300586e+1
144.47	19.954681819	1.9954681819e+1
144.48	19.956063053	1.9956063053e+1
144.49	19.957444286	1.9957444286e+1
144.5	19.95882552	1.995882552e+1
144.51	19.960206754	1.9960206754e+1
144.52	19.961587987	1.9961587987e+1
144.53	19.962969221	1.9962969221e+1
144.54	19.964350454	1.9964350454e+1

144.55	19.965731688	1.9965731688e+1
144.56	19.967112922	1.9967112922e+1
144.57	19.968494155	1.9968494155e+1
144.58	19.969875389	1.9969875389e+1
144.59	19.971256622	1.9971256622e+1
144.6	19.972637856	1.9972637856e+1
144.61	19.97401909	1.997401909e+1
144.62	19.975400323	1.9975400323e+1
144.63	19.976781557	1.9976781557e+1
144.64	19.97816279	1.997816279e+1
144.65	19.979544024	1.9979544024e+1
144.66	19.980925258	1.9980925258e+1
144.67	19.982306491	1.9982306491e+1
144.68	19.983687725	1.9983687725e+1
144.69	19.985068958	1.9985068958e+1
144.7	19.986450192	1.9986450192e+1
144.71	19.987831426	1.9987831426e+1
144.72	19.989212659	1.9989212659e+1
144.73	19.990593893	1.9990593893e+1
144.74	19.991975126	1.9991975126e+1
144.75	19.99335636	1.999335636e+1
144.76	19.994737594	1.9994737594e+1
144.77	19.996118827	1.9996118827e+1
144.78	19.997500061	1.9997500061e+1
144.79	19.998881294	1.9998881294e+1
144.8	20.000262528	2.0000262528e+1
144.81	20.001643762	2.0001643762e+1
144.82	20.003024995	2.0003024995e+1
144.83	20.004406229	2.0004406229e+1
144.84	20.005787462	2.0005787462e+1
144.85	20.007168696	2.0007168696e+1
144.86	20.00854993	2.000854993e+1
144.87	20.009931163	2.0009931163e+1
144.88	20.011312397	2.0011312397e+1
144.89	20.01269363	2.001269363e+1
144.9	20.014074864	2.0014074864e+1
144.91	20.015456098	2.0015456098e+1
144.92	20.016837331	2.0016837331e+1

144.93	20.018218565	2.0018218565e+1
144.94	20.019599798	2.0019599798e+1
144.95	20.020981032	2.0020981032e+1
144.96	20.022362266	2.0022362266e+1
144.97	20.023743499	2.0023743499e+1
144.98	20.025124733	2.0025124733e+1
144.99	20.026505966	2.0026505966e+1
145	20.0278872	2.00278872e+1
145.01	20.029268434	2.0029268434e+1
145.02	20.030649667	2.0030649667e+1
145.03	20.032030901	2.0032030901e+1
145.04	20.033412134	2.0033412134e+1
145.05	20.034793368	2.0034793368e+1
145.06	20.036174602	2.0036174602e+1
145.07	20.037555835	2.0037555835e+1
145.08	20.038937069	2.0038937069e+1
145.09	20.040318302	2.0040318302e+1
145.1	20.041699536	2.0041699536e+1
145.11	20.04308077	2.004308077e+1
145.12	20.044462003	2.0044462003e+1
145.13	20.045843237	2.0045843237e+1
145.14	20.04722447	2.004722447e+1
145.15	20.048605704	2.0048605704e+1
145.16	20.049986938	2.0049986938e+1
145.17	20.051368171	2.0051368171e+1
145.18	20.052749405	2.0052749405e+1
145.19	20.054130638	2.0054130638e+1
145.2	20.055511872	2.0055511872e+1
145.21	20.056893106	2.0056893106e+1
145.22	20.058274339	2.0058274339e+1
145.23	20.059655573	2.0059655573e+1
145.24	20.061036806	2.0061036806e+1
145.25	20.06241804	2.006241804e+1
145.26	20.063799274	2.0063799274e+1
145.27	20.065180507	2.0065180507e+1
145.28	20.066561741	2.0066561741e+1
145.29	20.067942974	2.0067942974e+1
145.3	20.069324208	2.0069324208e+1

145.31	20.070705442	2.0070705442e+1
145.32	20.072086675	2.0072086675e+1
145.33	20.073467909	2.0073467909e+1
145.34	20.074849142	2.0074849142e+1
145.35	20.076230376	2.0076230376e+1
145.36	20.07761161	2.007761161e+1
145.37	20.078992843	2.0078992843e+1
145.38	20.080374077	2.0080374077e+1
145.39	20.08175531	2.008175531e+1
145.4	20.083136544	2.0083136544e+1
145.41	20.084517778	2.0084517778e+1
145.42	20.085899011	2.0085899011e+1
145.43	20.087280245	2.0087280245e+1
145.44	20.088661478	2.0088661478e+1
145.45	20.090042712	2.0090042712e+1
145.46	20.091423946	2.0091423946e+1
145.47	20.092805179	2.0092805179e+1
145.48	20.094186413	2.0094186413e+1
145.49	20.095567646	2.0095567646e+1
145.5	20.09694888	2.009694888e+1
145.51	20.098330114	2.0098330114e+1
145.52	20.099711347	2.0099711347e+1
145.53	20.101092581	2.0101092581e+1
145.54	20.102473814	2.0102473814e+1
145.55	20.103855048	2.0103855048e+1
145.56	20.105236282	2.0105236282e+1
145.57	20.106617515	2.0106617515e+1
145.58	20.107998749	2.0107998749e+1
145.59	20.109379982	2.0109379982e+1
145.6	20.110761216	2.0110761216e+1
145.61	20.11214245	2.011214245e+1
145.62	20.113523683	2.0113523683e+1
145.63	20.114904917	2.0114904917e+1
145.64	20.11628615	2.011628615e+1
145.65	20.117667384	2.0117667384e+1
145.66	20.119048618	2.0119048618e+1
145.67	20.120429851	2.0120429851e+1
145.68	20.121811085	2.0121811085e+1

145.69	20.123192318	2.0123192318e+1
145.7	20.124573552	2.0124573552e+1
145.71	20.125954786	2.0125954786e+1
145.72	20.127336019	2.0127336019e+1
145.73	20.128717253	2.0128717253e+1
145.74	20.130098486	2.0130098486e+1
145.75	20.13147972	2.013147972e+1
145.76	20.132860954	2.0132860954e+1
145.77	20.134242187	2.0134242187e+1
145.78	20.135623421	2.0135623421e+1
145.79	20.137004654	2.0137004654e+1
145.8	20.138385888	2.0138385888e+1
145.81	20.139767122	2.0139767122e+1
145.82	20.141148355	2.0141148355e+1
145.83	20.142529589	2.0142529589e+1
145.84	20.143910822	2.0143910822e+1
145.85	20.145292056	2.0145292056e+1
145.86	20.14667329	2.014667329e+1
145.87	20.148054523	2.0148054523e+1
145.88	20.149435757	2.0149435757e+1
145.89	20.15081699	2.015081699e+1
145.9	20.152198224	2.0152198224e+1
145.91	20.153579458	2.0153579458e+1
145.92	20.154960691	2.0154960691e+1
145.93	20.156341925	2.0156341925e+1
145.94	20.157723158	2.0157723158e+1
145.95	20.159104392	2.0159104392e+1
145.96	20.160485626	2.0160485626e+1
145.97	20.161866859	2.0161866859e+1
145.98	20.163248093	2.0163248093e+1
145.99	20.164629326	2.0164629326e+1
146	20.16601056	2.016601056e+1
146.01	20.167391794	2.0167391794e+1
146.02	20.168773027	2.0168773027e+1
146.03	20.170154261	2.0170154261e+1
146.04	20.171535494	2.0171535494e+1
146.05	20.172916728	2.0172916728e+1
146.06	20.174297962	2.0174297962e+1

146.07	20.175679195	2.0175679195e+1
146.08	20.177060429	2.0177060429e+1
146.09	20.178441662	2.0178441662e+1
146.1	20.179822896	2.0179822896e+1
146.11	20.18120413	2.018120413e+1
146.12	20.182585363	2.0182585363e+1
146.13	20.183966597	2.0183966597e+1
146.14	20.18534783	2.018534783e+1
146.15	20.186729064	2.0186729064e+1
146.16	20.188110298	2.0188110298e+1
146.17	20.189491531	2.0189491531e+1
146.18	20.190872765	2.0190872765e+1
146.19	20.192253998	2.0192253998e+1
146.2	20.193635232	2.0193635232e+1
146.21	20.195016466	2.0195016466e+1
146.22	20.196397699	2.0196397699e+1
146.23	20.197778933	2.0197778933e+1
146.24	20.199160166	2.0199160166e+1
146.25	20.2005414	2.02005414e+1
146.26	20.201922634	2.0201922634e+1
146.27	20.203303867	2.0203303867e+1
146.28	20.204685101	2.0204685101e+1
146.29	20.206066334	2.0206066334e+1
146.3	20.207447568	2.0207447568e+1
146.31	20.208828802	2.0208828802e+1
146.32	20.210210035	2.0210210035e+1
146.33	20.211591269	2.0211591269e+1
146.34	20.212972502	2.0212972502e+1
146.35	20.214353736	2.0214353736e+1
146.36	20.21573497	2.021573497e+1
146.37	20.217116203	2.0217116203e+1
146.38	20.218497437	2.0218497437e+1
146.39	20.21987867	2.021987867e+1
146.4	20.221259904	2.0221259904e+1
146.41	20.222641138	2.0222641138e+1
146.42	20.224022371	2.0224022371e+1
146.43	20.225403605	2.0225403605e+1
146.44	20.226784838	2.0226784838e+1

146.45	20.228166072	2.0228166072e+1
146.46	20.229547306	2.0229547306e+1
146.47	20.230928539	2.0230928539e+1
146.48	20.232309773	2.0232309773e+1
146.49	20.233691006	2.0233691006e+1
146.5	20.23507224	2.023507224e+1
146.51	20.236453474	2.0236453474e+1
146.52	20.237834707	2.0237834707e+1
146.53	20.239215941	2.0239215941e+1
146.54	20.240597174	2.0240597174e+1
146.55	20.241978408	2.0241978408e+1
146.56	20.243359642	2.0243359642e+1
146.57	20.244740875	2.0244740875e+1
146.58	20.246122109	2.0246122109e+1
146.59	20.247503342	2.0247503342e+1
146.6	20.248884576	2.0248884576e+1
146.61	20.25026581	2.025026581e+1
146.62	20.251647043	2.0251647043e+1
146.63	20.253028277	2.0253028277e+1
146.64	20.25440951	2.025440951e+1
146.65	20.255790744	2.0255790744e+1
146.66	20.257171978	2.0257171978e+1
146.67	20.258553211	2.0258553211e+1
146.68	20.259934445	2.0259934445e+1
146.69	20.261315678	2.0261315678e+1
146.7	20.262696912	2.0262696912e+1
146.71	20.264078146	2.0264078146e+1
146.72	20.265459379	2.0265459379e+1
146.73	20.266840613	2.0266840613e+1
146.74	20.268221846	2.0268221846e+1
146.75	20.26960308	2.026960308e+1
146.76	20.270984314	2.0270984314e+1
146.77	20.272365547	2.0272365547e+1
146.78	20.273746781	2.0273746781e+1
146.79	20.275128014	2.0275128014e+1
146.8	20.276509248	2.0276509248e+1
146.81	20.277890482	2.0277890482e+1
146.82	20.279271715	2.0279271715e+1

146.83	20.280652949	2.0280652949e+1
146.84	20.282034182	2.0282034182e+1
146.85	20.283415416	2.0283415416e+1
146.86	20.28479665	2.028479665e+1
146.87	20.286177883	2.0286177883e+1
146.88	20.287559117	2.0287559117e+1
146.89	20.28894035	2.028894035e+1
146.9	20.290321584	2.0290321584e+1
146.91	20.291702818	2.0291702818e+1
146.92	20.293084051	2.0293084051e+1
146.93	20.294465285	2.0294465285e+1
146.94	20.295846518	2.0295846518e+1
146.95	20.297227752	2.0297227752e+1
146.96	20.298608986	2.0298608986e+1
146.97	20.299990219	2.0299990219e+1
146.98	20.301371453	2.0301371453e+1
146.99	20.302752686	2.0302752686e+1
147	20.30413392	2.030413392e+1
147.01	20.305515154	2.0305515154e+1
147.02	20.306896387	2.0306896387e+1
147.03	20.308277621	2.0308277621e+1
147.04	20.309658854	2.0309658854e+1
147.05	20.311040088	2.0311040088e+1
147.06	20.312421322	2.0312421322e+1
147.07	20.313802555	2.0313802555e+1
147.08	20.315183789	2.0315183789e+1
147.09	20.316565022	2.0316565022e+1
147.1	20.317946256	2.0317946256e+1
147.11	20.31932749	2.031932749e+1
147.12	20.320708723	2.0320708723e+1
147.13	20.322089957	2.0322089957e+1
147.14	20.32347119	2.032347119e+1
147.15	20.324852424	2.0324852424e+1
147.16	20.326233658	2.0326233658e+1
147.17	20.327614891	2.0327614891e+1
147.18	20.328996125	2.0328996125e+1
147.19	20.330377358	2.0330377358e+1
147.2	20.331758592	2.0331758592e+1

147.21	20.333139826	2.0333139826e+1
147.22	20.334521059	2.0334521059e+1
147.23	20.335902293	2.0335902293e+1
147.24	20.337283526	2.0337283526e+1
147.25	20.33866476	2.033866476e+1
147.26	20.340045994	2.0340045994e+1
147.27	20.341427227	2.0341427227e+1
147.28	20.342808461	2.0342808461e+1
147.29	20.344189694	2.0344189694e+1
147.3	20.345570928	2.0345570928e+1
147.31	20.346952162	2.0346952162e+1
147.32	20.348333395	2.0348333395e+1
147.33	20.349714629	2.0349714629e+1
147.34	20.351095862	2.0351095862e+1
147.35	20.352477096	2.0352477096e+1
147.36	20.35385833	2.035385833e+1
147.37	20.355239563	2.0355239563e+1
147.38	20.356620797	2.0356620797e+1
147.39	20.35800203	2.035800203e+1
147.4	20.359383264	2.0359383264e+1
147.41	20.360764498	2.0360764498e+1
147.42	20.362145731	2.0362145731e+1
147.43	20.363526965	2.0363526965e+1
147.44	20.364908198	2.0364908198e+1
147.45	20.366289432	2.0366289432e+1
147.46	20.367670666	2.0367670666e+1
147.47	20.369051899	2.0369051899e+1
147.48	20.370433133	2.0370433133e+1
147.49	20.371814366	2.0371814366e+1
147.5	20.3731956	2.03731956e+1
147.51	20.374576834	2.0374576834e+1
147.52	20.375958067	2.0375958067e+1
147.53	20.377339301	2.0377339301e+1
147.54	20.378720534	2.0378720534e+1
147.55	20.380101768	2.0380101768e+1
147.56	20.381483002	2.0381483002e+1
147.57	20.382864235	2.0382864235e+1
147.58	20.384245469	2.0384245469e+1

147.59	20.385626702	2.0385626702e+1
147.6	20.387007936	2.0387007936e+1
147.61	20.38838917	2.038838917e+1
147.62	20.389770403	2.0389770403e+1
147.63	20.391151637	2.0391151637e+1
147.64	20.39253287	2.039253287e+1
147.65	20.393914104	2.0393914104e+1
147.66	20.395295338	2.0395295338e+1
147.67	20.396676571	2.0396676571e+1
147.68	20.398057805	2.0398057805e+1
147.69	20.399439038	2.0399439038e+1
147.7	20.400820272	2.0400820272e+1
147.71	20.402201506	2.0402201506e+1
147.72	20.403582739	2.0403582739e+1
147.73	20.404963973	2.0404963973e+1
147.74	20.406345206	2.0406345206e+1
147.75	20.40772644	2.040772644e+1
147.76	20.409107674	2.0409107674e+1
147.77	20.410488907	2.0410488907e+1
147.78	20.411870141	2.0411870141e+1
147.79	20.413251374	2.0413251374e+1
147.8	20.414632608	2.0414632608e+1
147.81	20.416013842	2.0416013842e+1
147.82	20.417395075	2.0417395075e+1
147.83	20.418776309	2.0418776309e+1
147.84	20.420157542	2.0420157542e+1
147.85	20.421538776	2.0421538776e+1
147.86	20.42292001	2.042292001e+1
147.87	20.424301243	2.0424301243e+1
147.88	20.425682477	2.0425682477e+1
147.89	20.42706371	2.042706371e+1
147.9	20.428444944	2.0428444944e+1
147.91	20.429826178	2.0429826178e+1
147.92	20.431207411	2.0431207411e+1
147.93	20.432588645	2.0432588645e+1
147.94	20.433969878	2.0433969878e+1
147.95	20.435351112	2.0435351112e+1
147.96	20.436732346	2.0436732346e+1

147.97	20.438113579	2.0438113579e+1
147.98	20.439494813	2.0439494813e+1
147.99	20.440876046	2.0440876046e+1
148	20.44225728	2.044225728e+1
148.01	20.443638514	2.0443638514e+1
148.02	20.445019747	2.0445019747e+1
148.03	20.446400981	2.0446400981e+1
148.04	20.447782214	2.0447782214e+1
148.05	20.449163448	2.0449163448e+1
148.06	20.450544682	2.0450544682e+1
148.07	20.451925915	2.0451925915e+1
148.08	20.453307149	2.0453307149e+1
148.09	20.454688382	2.0454688382e+1
148.1	20.456069616	2.0456069616e+1
148.11	20.45745085	2.045745085e+1
148.12	20.458832083	2.0458832083e+1
148.13	20.460213317	2.0460213317e+1
148.14	20.46159455	2.046159455e+1
148.15	20.462975784	2.0462975784e+1
148.16	20.464357018	2.0464357018e+1
148.17	20.465738251	2.0465738251e+1
148.18	20.467119485	2.0467119485e+1
148.19	20.468500718	2.0468500718e+1
148.2	20.469881952	2.0469881952e+1
148.21	20.471263186	2.0471263186e+1
148.22	20.472644419	2.0472644419e+1
148.23	20.474025653	2.0474025653e+1
148.24	20.475406886	2.0475406886e+1
148.25	20.47678812	2.047678812e+1
148.26	20.478169354	2.0478169354e+1
148.27	20.479550587	2.0479550587e+1
148.28	20.480931821	2.0480931821e+1
148.29	20.482313054	2.0482313054e+1
148.3	20.483694288	2.0483694288e+1
148.31	20.485075522	2.0485075522e+1
148.32	20.486456755	2.0486456755e+1
148.33	20.487837989	2.0487837989e+1
148.34	20.489219222	2.0489219222e+1

148.35	20.490600456	2.0490600456e+1
148.36	20.49198169	2.049198169e+1
148.37	20.493362923	2.0493362923e+1
148.38	20.494744157	2.0494744157e+1
148.39	20.49612539	2.049612539e+1
148.4	20.497506624	2.0497506624e+1
148.41	20.498887858	2.0498887858e+1
148.42	20.500269091	2.0500269091e+1
148.43	20.501650325	2.0501650325e+1
148.44	20.503031558	2.0503031558e+1
148.45	20.504412792	2.0504412792e+1
148.46	20.505794026	2.0505794026e+1
148.47	20.507175259	2.0507175259e+1
148.48	20.508556493	2.0508556493e+1
148.49	20.509937726	2.0509937726e+1
148.5	20.51131896	2.051131896e+1
148.51	20.512700194	2.0512700194e+1
148.52	20.514081427	2.0514081427e+1
148.53	20.515462661	2.0515462661e+1
148.54	20.516843894	2.0516843894e+1
148.55	20.518225128	2.0518225128e+1
148.56	20.519606362	2.0519606362e+1
148.57	20.520987595	2.0520987595e+1
148.58	20.522368829	2.0522368829e+1
148.59	20.523750062	2.0523750062e+1
148.6	20.525131296	2.0525131296e+1
148.61	20.52651253	2.052651253e+1
148.62	20.527893763	2.0527893763e+1
148.63	20.529274997	2.0529274997e+1
148.64	20.53065623	2.053065623e+1
148.65	20.532037464	2.0532037464e+1
148.66	20.533418698	2.0533418698e+1
148.67	20.534799931	2.0534799931e+1
148.68	20.536181165	2.0536181165e+1
148.69	20.537562398	2.0537562398e+1
148.7	20.538943632	2.0538943632e+1
148.71	20.540324866	2.0540324866e+1
148.72	20.541706099	2.0541706099e+1

148.73	20.543087333	2.0543087333e+1
148.74	20.544468566	2.0544468566e+1
148.75	20.5458498	2.05458498e+1
148.76	20.547231034	2.0547231034e+1
148.77	20.548612267	2.0548612267e+1
148.78	20.549993501	2.0549993501e+1
148.79	20.551374734	2.0551374734e+1
148.8	20.552755968	2.0552755968e+1
148.81	20.554137202	2.0554137202e+1
148.82	20.555518435	2.0555518435e+1
148.83	20.556899669	2.0556899669e+1
148.84	20.558280902	2.0558280902e+1
148.85	20.559662136	2.0559662136e+1
148.86	20.56104337	2.056104337e+1
148.87	20.562424603	2.0562424603e+1
148.88	20.563805837	2.0563805837e+1
148.89	20.56518707	2.056518707e+1
148.9	20.566568304	2.0566568304e+1
148.91	20.567949538	2.0567949538e+1
148.92	20.569330771	2.0569330771e+1
148.93	20.570712005	2.0570712005e+1
148.94	20.572093238	2.0572093238e+1
148.95	20.573474472	2.0573474472e+1
148.96	20.574855706	2.0574855706e+1
148.97	20.576236939	2.0576236939e+1
148.98	20.577618173	2.0577618173e+1
148.99	20.578999406	2.0578999406e+1
149	20.58038064	2.058038064e+1
149.01	20.581761874	2.0581761874e+1
149.02	20.583143107	2.0583143107e+1
149.03	20.584524341	2.0584524341e+1
149.04	20.585905574	2.0585905574e+1
149.05	20.587286808	2.0587286808e+1
149.06	20.588668042	2.05886668042e+1
149.07	20.590049275	2.0590049275e+1
149.08	20.591430509	2.0591430509e+1
149.09	20.592811742	2.0592811742e+1
149.1	20.594192976	2.0594192976e+1

149.11	20.59557421	2.059557421e+1
149.12	20.596955443	2.0596955443e+1
149.13	20.598336677	2.0598336677e+1
149.14	20.59971791	2.059971791e+1
149.15	20.601099144	2.0601099144e+1
149.16	20.602480378	2.0602480378e+1
149.17	20.603861611	2.0603861611e+1
149.18	20.605242845	2.0605242845e+1
149.19	20.606624078	2.0606624078e+1
149.2	20.608005312	2.0608005312e+1
149.21	20.609386546	2.0609386546e+1
149.22	20.610767779	2.0610767779e+1
149.23	20.612149013	2.0612149013e+1
149.24	20.613530246	2.0613530246e+1
149.25	20.61491148	2.061491148e+1
149.26	20.616292714	2.0616292714e+1
149.27	20.617673947	2.0617673947e+1
149.28	20.619055181	2.0619055181e+1
149.29	20.620436414	2.0620436414e+1
149.3	20.621817648	2.0621817648e+1
149.31	20.623198882	2.0623198882e+1
149.32	20.624580115	2.0624580115e+1
149.33	20.625961349	2.0625961349e+1
149.34	20.627342582	2.0627342582e+1
149.35	20.628723816	2.0628723816e+1
149.36	20.63010505	2.063010505e+1
149.37	20.631486283	2.0631486283e+1
149.38	20.632867517	2.0632867517e+1
149.39	20.63424875	2.063424875e+1
149.4	20.635629984	2.0635629984e+1
149.41	20.637011218	2.0637011218e+1
149.42	20.638392451	2.0638392451e+1
149.43	20.639773685	2.0639773685e+1
149.44	20.641154918	2.0641154918e+1
149.45	20.642536152	2.0642536152e+1
149.46	20.643917386	2.0643917386e+1
149.47	20.645298619	2.0645298619e+1
149.48	20.646679853	2.0646679853e+1

149.49	20.648061086	2.0648061086e+1
149.5	20.64944232	2.064944232e+1
149.51	20.650823554	2.0650823554e+1
149.52	20.652204787	2.0652204787e+1
149.53	20.653586021	2.0653586021e+1
149.54	20.654967254	2.0654967254e+1
149.55	20.656348488	2.0656348488e+1
149.56	20.657729722	2.0657729722e+1
149.57	20.659110955	2.0659110955e+1
149.58	20.660492189	2.0660492189e+1
149.59	20.661873422	2.0661873422e+1
149.6	20.663254656	2.0663254656e+1
149.61	20.66463589	2.066463589e+1
149.62	20.666017123	2.0666017123e+1
149.63	20.667398357	2.0667398357e+1
149.64	20.66877959	2.066877959e+1
149.65	20.670160824	2.0670160824e+1
149.66	20.671542058	2.0671542058e+1
149.67	20.672923291	2.0672923291e+1
149.68	20.674304525	2.0674304525e+1
149.69	20.675685758	2.0675685758e+1
149.7	20.677066992	2.0677066992e+1
149.71	20.678448226	2.0678448226e+1
149.72	20.679829459	2.0679829459e+1
149.73	20.681210693	2.0681210693e+1
149.74	20.682591926	2.0682591926e+1
149.75	20.68397316	2.068397316e+1
149.76	20.685354394	2.0685354394e+1
149.77	20.686735627	2.0686735627e+1
149.78	20.688116861	2.0688116861e+1
149.79	20.689498094	2.0689498094e+1
149.8	20.690879328	2.0690879328e+1
149.81	20.692260562	2.0692260562e+1
149.82	20.693641795	2.0693641795e+1
149.83	20.695023029	2.0695023029e+1
149.84	20.696404262	2.0696404262e+1
149.85	20.697785496	2.0697785496e+1
149.86	20.69916673	2.069916673e+1

149.87	20.700547963	2.0700547963e+1
149.88	20.701929197	2.0701929197e+1
149.89	20.70331043	2.070331043e+1
149.9	20.704691664	2.0704691664e+1
149.91	20.706072898	2.0706072898e+1
149.92	20.707454131	2.0707454131e+1
149.93	20.708835365	2.0708835365e+1
149.94	20.710216598	2.0710216598e+1
149.95	20.711597832	2.0711597832e+1
149.96	20.712979066	2.0712979066e+1
149.97	20.714360299	2.0714360299e+1
149.98	20.715741533	2.0715741533e+1
149.99	20.717122766	2.0717122766e+1
150	20.718504	2.0718504e+1
150.01	20.719885234	2.0719885234e+1
150.02	20.721266467	2.0721266467e+1
150.03	20.722647701	2.0722647701e+1
150.04	20.724028934	2.0724028934e+1
150.05	20.725410168	2.0725410168e+1
150.06	20.726791402	2.0726791402e+1
150.07	20.728172635	2.0728172635e+1
150.08	20.729553869	2.0729553869e+1
150.09	20.730935102	2.0730935102e+1
150.1	20.732316336	2.0732316336e+1
150.11	20.73369757	2.073369757e+1
150.12	20.735078803	2.0735078803e+1
150.13	20.736460037	2.0736460037e+1
150.14	20.73784127	2.073784127e+1
150.15	20.739222504	2.0739222504e+1
150.16	20.740603738	2.0740603738e+1
150.17	20.741984971	2.0741984971e+1
150.18	20.743366205	2.0743366205e+1
150.19	20.744747438	2.0744747438e+1
150.2	20.746128672	2.0746128672e+1
150.21	20.747509906	2.0747509906e+1
150.22	20.748891139	2.0748891139e+1
150.23	20.750272373	2.0750272373e+1
150.24	20.751653606	2.0751653606e+1

150.25	20.75303484	2.075303484e+1
150.26	20.754416074	2.0754416074e+1
150.27	20.755797307	2.0755797307e+1
150.28	20.757178541	2.0757178541e+1
150.29	20.758559774	2.0758559774e+1
150.3	20.759941008	2.0759941008e+1
150.31	20.761322242	2.0761322242e+1
150.32	20.762703475	2.0762703475e+1
150.33	20.764084709	2.0764084709e+1
150.34	20.765465942	2.0765465942e+1
150.35	20.766847176	2.0766847176e+1
150.36	20.76822841	2.076822841e+1
150.37	20.769609643	2.0769609643e+1
150.38	20.770990877	2.0770990877e+1
150.39	20.77237211	2.077237211e+1
150.4	20.773753344	2.0773753344e+1
150.41	20.775134578	2.0775134578e+1
150.42	20.776515811	2.0776515811e+1
150.43	20.777897045	2.0777897045e+1
150.44	20.779278278	2.0779278278e+1
150.45	20.780659512	2.0780659512e+1
150.46	20.782040746	2.0782040746e+1
150.47	20.783421979	2.0783421979e+1
150.48	20.784803213	2.0784803213e+1
150.49	20.786184446	2.0786184446e+1
150.5	20.78756568	2.078756568e+1
150.51	20.788946914	2.0788946914e+1
150.52	20.790328147	2.0790328147e+1
150.53	20.791709381	2.0791709381e+1
150.54	20.793090614	2.0793090614e+1
150.55	20.794471848	2.0794471848e+1
150.56	20.795853082	2.0795853082e+1
150.57	20.797234315	2.0797234315e+1
150.58	20.798615549	2.0798615549e+1
150.59	20.799996782	2.0799996782e+1
150.6	20.801378016	2.0801378016e+1
150.61	20.80275925	2.080275925e+1
150.62	20.804140483	2.0804140483e+1

150.63	20.805521717	2.0805521717e+1
150.64	20.80690295	2.080690295e+1
150.65	20.808284184	2.0808284184e+1
150.66	20.809665418	2.0809665418e+1
150.67	20.811046651	2.0811046651e+1
150.68	20.812427885	2.0812427885e+1
150.69	20.813809118	2.0813809118e+1
150.7	20.815190352	2.0815190352e+1
150.71	20.816571586	2.0816571586e+1
150.72	20.817952819	2.0817952819e+1
150.73	20.819334053	2.0819334053e+1
150.74	20.820715286	2.0820715286e+1
150.75	20.82209652	2.082209652e+1
150.76	20.823477754	2.0823477754e+1
150.77	20.824858987	2.0824858987e+1
150.78	20.826240221	2.0826240221e+1
150.79	20.827621454	2.0827621454e+1
150.8	20.829002688	2.0829002688e+1
150.81	20.830383922	2.0830383922e+1
150.82	20.831765155	2.0831765155e+1
150.83	20.833146389	2.0833146389e+1
150.84	20.834527622	2.0834527622e+1
150.85	20.835908856	2.0835908856e+1
150.86	20.83729009	2.083729009e+1
150.87	20.838671323	2.0838671323e+1
150.88	20.840052557	2.0840052557e+1
150.89	20.84143379	2.084143379e+1
150.9	20.842815024	2.0842815024e+1
150.91	20.844196258	2.0844196258e+1
150.92	20.845577491	2.0845577491e+1
150.93	20.846958725	2.0846958725e+1
150.94	20.848339958	2.0848339958e+1
150.95	20.849721192	2.0849721192e+1
150.96	20.851102426	2.0851102426e+1
150.97	20.852483659	2.0852483659e+1
150.98	20.853864893	2.0853864893e+1
150.99	20.855246126	2.0855246126e+1
151	20.85662736	2.085662736e+1

151.01	20.858008594	2.0858008594e+1
151.02	20.859389827	2.0859389827e+1
151.03	20.860771061	2.0860771061e+1
151.04	20.862152294	2.0862152294e+1
151.05	20.863533528	2.0863533528e+1
151.06	20.864914762	2.0864914762e+1
151.07	20.866295995	2.0866295995e+1
151.08	20.867677229	2.0867677229e+1
151.09	20.869058462	2.0869058462e+1
151.1	20.870439696	2.0870439696e+1
151.11	20.87182093	2.087182093e+1
151.12	20.873202163	2.0873202163e+1
151.13	20.874583397	2.0874583397e+1
151.14	20.87596463	2.087596463e+1
151.15	20.877345864	2.0877345864e+1
151.16	20.878727098	2.0878727098e+1
151.17	20.880108331	2.0880108331e+1
151.18	20.881489565	2.0881489565e+1
151.19	20.882870798	2.0882870798e+1
151.2	20.884252032	2.0884252032e+1
151.21	20.885633266	2.0885633266e+1
151.22	20.887014499	2.0887014499e+1
151.23	20.888395733	2.0888395733e+1
151.24	20.889776966	2.0889776966e+1
151.25	20.8911582	2.08911582e+1
151.26	20.892539434	2.0892539434e+1
151.27	20.893920667	2.0893920667e+1
151.28	20.895301901	2.0895301901e+1
151.29	20.896683134	2.0896683134e+1
151.3	20.898064368	2.0898064368e+1
151.31	20.899445602	2.0899445602e+1
151.32	20.900826835	2.0900826835e+1
151.33	20.902208069	2.0902208069e+1
151.34	20.903589302	2.0903589302e+1
151.35	20.904970536	2.0904970536e+1
151.36	20.90635177	2.090635177e+1
151.37	20.907733003	2.0907733003e+1
151.38	20.909114237	2.0909114237e+1

151.39	20.91049547	2.091049547e+1
151.4	20.911876704	2.0911876704e+1
151.41	20.913257938	2.0913257938e+1
151.42	20.914639171	2.0914639171e+1
151.43	20.916020405	2.0916020405e+1
151.44	20.917401638	2.0917401638e+1
151.45	20.918782872	2.0918782872e+1
151.46	20.920164106	2.0920164106e+1
151.47	20.921545339	2.0921545339e+1
151.48	20.922926573	2.0922926573e+1
151.49	20.924307806	2.0924307806e+1
151.5	20.92568904	2.092568904e+1
151.51	20.927070274	2.0927070274e+1
151.52	20.928451507	2.0928451507e+1
151.53	20.929832741	2.0929832741e+1
151.54	20.931213974	2.0931213974e+1
151.55	20.932595208	2.0932595208e+1
151.56	20.933976442	2.0933976442e+1
151.57	20.935357675	2.0935357675e+1
151.58	20.936738909	2.0936738909e+1
151.59	20.938120142	2.0938120142e+1
151.6	20.939501376	2.0939501376e+1
151.61	20.94088261	2.094088261e+1
151.62	20.942263843	2.0942263843e+1
151.63	20.943645077	2.0943645077e+1
151.64	20.94502631	2.094502631e+1
151.65	20.946407544	2.0946407544e+1
151.66	20.947788778	2.0947788778e+1
151.67	20.949170011	2.0949170011e+1
151.68	20.950551245	2.0950551245e+1
151.69	20.951932478	2.0951932478e+1
151.7	20.953313712	2.0953313712e+1
151.71	20.954694946	2.0954694946e+1
151.72	20.956076179	2.0956076179e+1
151.73	20.957457413	2.0957457413e+1
151.74	20.958838646	2.0958838646e+1
151.75	20.96021988	2.096021988e+1
151.76	20.961601114	2.0961601114e+1

151.77	20.962982347	2.0962982347e+1
151.78	20.964363581	2.0964363581e+1
151.79	20.965744814	2.0965744814e+1
151.8	20.967126048	2.0967126048e+1
151.81	20.968507282	2.0968507282e+1
151.82	20.969888515	2.0969888515e+1
151.83	20.971269749	2.0971269749e+1
151.84	20.972650982	2.0972650982e+1
151.85	20.974032216	2.0974032216e+1
151.86	20.97541345	2.097541345e+1
151.87	20.976794683	2.0976794683e+1
151.88	20.978175917	2.0978175917e+1
151.89	20.97955715	2.097955715e+1
151.9	20.980938384	2.0980938384e+1
151.91	20.982319618	2.0982319618e+1
151.92	20.983700851	2.0983700851e+1
151.93	20.985082085	2.0985082085e+1
151.94	20.986463318	2.0986463318e+1
151.95	20.987844552	2.0987844552e+1
151.96	20.989225786	2.0989225786e+1
151.97	20.990607019	2.0990607019e+1
151.98	20.991988253	2.0991988253e+1
151.99	20.993369486	2.0993369486e+1
152	20.99475072	2.099475072e+1
152.01	20.996131954	2.0996131954e+1
152.02	20.997513187	2.0997513187e+1
152.03	20.998894421	2.0998894421e+1
152.04	21.000275654	2.1000275654e+1
152.05	21.001656888	2.1001656888e+1
152.06	21.003038122	2.1003038122e+1
152.07	21.004419355	2.1004419355e+1
152.08	21.005800589	2.1005800589e+1
152.09	21.007181822	2.1007181822e+1
152.1	21.008563056	2.1008563056e+1
152.11	21.00994429	2.100994429e+1
152.12	21.011325523	2.1011325523e+1
152.13	21.012706757	2.1012706757e+1
152.14	21.01408799	2.101408799e+1

152.15	21.015469224	2.1015469224e+1
152.16	21.016850458	2.1016850458e+1
152.17	21.018231691	2.1018231691e+1
152.18	21.019612925	2.1019612925e+1
152.19	21.020994158	2.1020994158e+1
152.2	21.022375392	2.1022375392e+1
152.21	21.023756626	2.1023756626e+1
152.22	21.025137859	2.1025137859e+1
152.23	21.026519093	2.1026519093e+1
152.24	21.027900326	2.1027900326e+1
152.25	21.02928156	2.102928156e+1
152.26	21.030662794	2.1030662794e+1
152.27	21.032044027	2.1032044027e+1
152.28	21.033425261	2.1033425261e+1
152.29	21.034806494	2.1034806494e+1
152.3	21.036187728	2.1036187728e+1
152.31	21.037568962	2.1037568962e+1
152.32	21.038950195	2.1038950195e+1
152.33	21.040331429	2.1040331429e+1
152.34	21.041712662	2.1041712662e+1
152.35	21.043093896	2.1043093896e+1
152.36	21.04447513	2.104447513e+1
152.37	21.045856363	2.1045856363e+1
152.38	21.047237597	2.1047237597e+1
152.39	21.04861883	2.104861883e+1
152.4	21.050000064	2.1050000064e+1
152.41	21.051381298	2.1051381298e+1
152.42	21.052762531	2.1052762531e+1
152.43	21.054143765	2.1054143765e+1
152.44	21.055524998	2.1055524998e+1
152.45	21.056906232	2.1056906232e+1
152.46	21.058287466	2.1058287466e+1
152.47	21.059668699	2.1059668699e+1
152.48	21.061049933	2.1061049933e+1
152.49	21.062431166	2.1062431166e+1
152.5	21.0638124	2.10638124e+1
152.51	21.065193634	2.1065193634e+1
152.52	21.066574867	2.1066574867e+1

152.53	21.067956101	2.1067956101e+1
152.54	21.069337334	2.1069337334e+1
152.55	21.070718568	2.1070718568e+1
152.56	21.072099802	2.1072099802e+1
152.57	21.073481035	2.1073481035e+1
152.58	21.074862269	2.1074862269e+1
152.59	21.076243502	2.1076243502e+1
152.6	21.077624736	2.1077624736e+1
152.61	21.07900597	2.107900597e+1
152.62	21.080387203	2.1080387203e+1
152.63	21.081768437	2.1081768437e+1
152.64	21.08314967	2.108314967e+1
152.65	21.084530904	2.1084530904e+1
152.66	21.085912138	2.1085912138e+1
152.67	21.087293371	2.1087293371e+1
152.68	21.088674605	2.1088674605e+1
152.69	21.090055838	2.1090055838e+1
152.7	21.091437072	2.1091437072e+1
152.71	21.092818306	2.1092818306e+1
152.72	21.094199539	2.1094199539e+1
152.73	21.095580773	2.1095580773e+1
152.74	21.096962006	2.1096962006e+1
152.75	21.09834324	2.109834324e+1
152.76	21.099724474	2.1099724474e+1
152.77	21.101105707	2.1101105707e+1
152.78	21.102486941	2.1102486941e+1
152.79	21.103868174	2.1103868174e+1
152.8	21.105249408	2.1105249408e+1
152.81	21.106630642	2.1106630642e+1
152.82	21.108011875	2.1108011875e+1
152.83	21.109393109	2.1109393109e+1
152.84	21.110774342	2.1110774342e+1
152.85	21.112155576	2.1112155576e+1
152.86	21.11353681	2.111353681e+1
152.87	21.114918043	2.1114918043e+1
152.88	21.116299277	2.1116299277e+1
152.89	21.11768051	2.111768051e+1
152.9	21.119061744	2.1119061744e+1

152.91	21.120442978	2.1120442978e+1
152.92	21.121824211	2.1121824211e+1
152.93	21.123205445	2.1123205445e+1
152.94	21.124586678	2.1124586678e+1
152.95	21.125967912	2.1125967912e+1
152.96	21.127349146	2.1127349146e+1
152.97	21.128730379	2.1128730379e+1
152.98	21.130111613	2.1130111613e+1
152.99	21.131492846	2.1131492846e+1
153	21.13287408	2.113287408e+1
153.01	21.134255314	2.1134255314e+1
153.02	21.135636547	2.1135636547e+1
153.03	21.137017781	2.1137017781e+1
153.04	21.138399014	2.1138399014e+1
153.05	21.139780248	2.1139780248e+1
153.06	21.141161482	2.1141161482e+1
153.07	21.142542715	2.1142542715e+1
153.08	21.143923949	2.1143923949e+1
153.09	21.145305182	2.1145305182e+1
153.1	21.146686416	2.1146686416e+1
153.11	21.14806765	2.114806765e+1
153.12	21.149448883	2.1149448883e+1
153.13	21.150830117	2.1150830117e+1
153.14	21.15221135	2.115221135e+1
153.15	21.153592584	2.1153592584e+1
153.16	21.154973818	2.1154973818e+1
153.17	21.156355051	2.1156355051e+1
153.18	21.157736285	2.1157736285e+1
153.19	21.159117518	2.1159117518e+1
153.2	21.160498752	2.1160498752e+1
153.21	21.161879986	2.1161879986e+1
153.22	21.163261219	2.1163261219e+1
153.23	21.164642453	2.1164642453e+1
153.24	21.166023686	2.1166023686e+1
153.25	21.16740492	2.116740492e+1
153.26	21.168786154	2.1168786154e+1
153.27	21.170167387	2.1170167387e+1
153.28	21.171548621	2.1171548621e+1

153.29	21.172929854	2.1172929854e+1
153.3	21.174311088	2.1174311088e+1
153.31	21.175692322	2.1175692322e+1
153.32	21.177073555	2.1177073555e+1
153.33	21.178454789	2.1178454789e+1
153.34	21.179836022	2.1179836022e+1
153.35	21.181217256	2.1181217256e+1
153.36	21.18259849	2.118259849e+1
153.37	21.183979723	2.1183979723e+1
153.38	21.185360957	2.1185360957e+1
153.39	21.18674219	2.118674219e+1
153.4	21.188123424	2.1188123424e+1
153.41	21.189504658	2.1189504658e+1
153.42	21.190885891	2.1190885891e+1
153.43	21.192267125	2.1192267125e+1
153.44	21.193648358	2.1193648358e+1
153.45	21.195029592	2.1195029592e+1
153.46	21.196410826	2.1196410826e+1
153.47	21.197792059	2.1197792059e+1
153.48	21.199173293	2.1199173293e+1
153.49	21.200554526	2.1200554526e+1
153.5	21.20193576	2.120193576e+1
153.51	21.203316994	2.1203316994e+1
153.52	21.204698227	2.1204698227e+1
153.53	21.206079461	2.1206079461e+1
153.54	21.207460694	2.1207460694e+1
153.55	21.208841928	2.1208841928e+1
153.56	21.210223162	2.1210223162e+1
153.57	21.211604395	2.1211604395e+1
153.58	21.212985629	2.1212985629e+1
153.59	21.214366862	2.1214366862e+1
153.6	21.215748096	2.1215748096e+1
153.61	21.21712933	2.121712933e+1
153.62	21.218510563	2.1218510563e+1
153.63	21.219891797	2.1219891797e+1
153.64	21.22127303	2.122127303e+1
153.65	21.222654264	2.1222654264e+1
153.66	21.224035498	2.1224035498e+1

153.67	21.225416731	2.1225416731e+1
153.68	21.226797965	2.1226797965e+1
153.69	21.228179198	2.1228179198e+1
153.7	21.229560432	2.1229560432e+1
153.71	21.230941666	2.1230941666e+1
153.72	21.232322899	2.1232322899e+1
153.73	21.233704133	2.1233704133e+1
153.74	21.235085366	2.1235085366e+1
153.75	21.2364666	2.12364666e+1
153.76	21.237847834	2.1237847834e+1
153.77	21.239229067	2.1239229067e+1
153.78	21.240610301	2.1240610301e+1
153.79	21.241991534	2.1241991534e+1
153.8	21.243372768	2.1243372768e+1
153.81	21.244754002	2.1244754002e+1
153.82	21.246135235	2.1246135235e+1
153.83	21.247516469	2.1247516469e+1
153.84	21.248897702	2.1248897702e+1
153.85	21.250278936	2.1250278936e+1
153.86	21.25166017	2.125166017e+1
153.87	21.253041403	2.1253041403e+1
153.88	21.254422637	2.1254422637e+1
153.89	21.25580387	2.125580387e+1
153.9	21.257185104	2.1257185104e+1
153.91	21.258566338	2.1258566338e+1
153.92	21.259947571	2.1259947571e+1
153.93	21.261328805	2.1261328805e+1
153.94	21.262710038	2.1262710038e+1
153.95	21.264091272	2.1264091272e+1
153.96	21.265472506	2.1265472506e+1
153.97	21.266853739	2.1266853739e+1
153.98	21.268234973	2.1268234973e+1
153.99	21.269616206	2.1269616206e+1
154	21.27099744	2.127099744e+1
154.01	21.272378674	2.1272378674e+1
154.02	21.273759907	2.1273759907e+1
154.03	21.275141141	2.1275141141e+1
154.04	21.276522374	2.1276522374e+1

154.05	21.277903608	2.1277903608e+1
154.06	21.279284842	2.1279284842e+1
154.07	21.280666075	2.1280666075e+1
154.08	21.282047309	2.1282047309e+1
154.09	21.283428542	2.1283428542e+1
154.1	21.284809776	2.1284809776e+1
154.11	21.28619101	2.128619101e+1
154.12	21.287572243	2.1287572243e+1
154.13	21.288953477	2.1288953477e+1
154.14	21.29033471	2.129033471e+1
154.15	21.291715944	2.1291715944e+1
154.16	21.293097178	2.1293097178e+1
154.17	21.294478411	2.1294478411e+1
154.18	21.295859645	2.1295859645e+1
154.19	21.297240878	2.1297240878e+1
154.2	21.298622112	2.1298622112e+1
154.21	21.300003346	2.1300003346e+1
154.22	21.301384579	2.1301384579e+1
154.23	21.302765813	2.1302765813e+1
154.24	21.304147046	2.1304147046e+1
154.25	21.30552828	2.130552828e+1
154.26	21.306909514	2.1306909514e+1
154.27	21.308290747	2.1308290747e+1
154.28	21.309671981	2.1309671981e+1
154.29	21.311053214	2.1311053214e+1
154.3	21.312434448	2.1312434448e+1
154.31	21.313815682	2.1313815682e+1
154.32	21.315196915	2.1315196915e+1
154.33	21.316578149	2.1316578149e+1
154.34	21.317959382	2.1317959382e+1
154.35	21.319340616	2.1319340616e+1
154.36	21.32072185	2.132072185e+1
154.37	21.322103083	2.1322103083e+1
154.38	21.323484317	2.1323484317e+1
154.39	21.32486555	2.132486555e+1
154.4	21.326246784	2.1326246784e+1
154.41	21.327628018	2.1327628018e+1
154.42	21.329009251	2.1329009251e+1

154.43	21.330390485	2.1330390485e+1
154.44	21.331771718	2.1331771718e+1
154.45	21.333152952	2.1333152952e+1
154.46	21.334534186	2.1334534186e+1
154.47	21.335915419	2.1335915419e+1
154.48	21.337296653	2.1337296653e+1
154.49	21.338677886	2.1338677886e+1
154.5	21.34005912	2.134005912e+1
154.51	21.341440354	2.1341440354e+1
154.52	21.342821587	2.1342821587e+1
154.53	21.344202821	2.1344202821e+1
154.54	21.345584054	2.1345584054e+1
154.55	21.346965288	2.1346965288e+1
154.56	21.348346522	2.1348346522e+1
154.57	21.349727755	2.1349727755e+1
154.58	21.351108989	2.1351108989e+1
154.59	21.352490222	2.1352490222e+1
154.6	21.353871456	2.1353871456e+1
154.61	21.35525269	2.135525269e+1
154.62	21.356633923	2.1356633923e+1
154.63	21.358015157	2.1358015157e+1
154.64	21.35939639	2.135939639e+1
154.65	21.360777624	2.1360777624e+1
154.66	21.362158858	2.1362158858e+1
154.67	21.363540091	2.1363540091e+1
154.68	21.364921325	2.1364921325e+1
154.69	21.366302558	2.1366302558e+1
154.7	21.367683792	2.1367683792e+1
154.71	21.369065026	2.1369065026e+1
154.72	21.370446259	2.1370446259e+1
154.73	21.371827493	2.1371827493e+1
154.74	21.373208726	2.1373208726e+1
154.75	21.37458996	2.137458996e+1
154.76	21.375971194	2.1375971194e+1
154.77	21.377352427	2.1377352427e+1
154.78	21.378733661	2.1378733661e+1
154.79	21.380114894	2.1380114894e+1
154.8	21.381496128	2.1381496128e+1

154.81	21.382877362	2.1382877362e+1
154.82	21.384258595	2.1384258595e+1
154.83	21.385639829	2.1385639829e+1
154.84	21.387021062	2.1387021062e+1
154.85	21.388402296	2.1388402296e+1
154.86	21.38978353	2.138978353e+1
154.87	21.391164763	2.1391164763e+1
154.88	21.392545997	2.1392545997e+1
154.89	21.39392723	2.139392723e+1
154.9	21.395308464	2.1395308464e+1
154.91	21.396689698	2.1396689698e+1
154.92	21.398070931	2.1398070931e+1
154.93	21.399452165	2.1399452165e+1
154.94	21.400833398	2.1400833398e+1
154.95	21.402214632	2.1402214632e+1
154.96	21.403595866	2.1403595866e+1
154.97	21.404977099	2.1404977099e+1
154.98	21.406358333	2.1406358333e+1
154.99	21.407739566	2.1407739566e+1
155	21.4091208	2.14091208e+1
155.01	21.410502034	2.1410502034e+1
155.02	21.411883267	2.1411883267e+1
155.03	21.413264501	2.1413264501e+1
155.04	21.414645734	2.1414645734e+1
155.05	21.416026968	2.1416026968e+1
155.06	21.417408202	2.1417408202e+1
155.07	21.418789435	2.1418789435e+1
155.08	21.420170669	2.1420170669e+1
155.09	21.421551902	2.1421551902e+1
155.1	21.422933136	2.1422933136e+1
155.11	21.42431437	2.142431437e+1
155.12	21.425695603	2.1425695603e+1
155.13	21.427076837	2.1427076837e+1
155.14	21.42845807	2.142845807e+1
155.15	21.429839304	2.1429839304e+1
155.16	21.431220538	2.1431220538e+1
155.17	21.432601771	2.1432601771e+1
155.18	21.433983005	2.1433983005e+1

155.19	21.435364238	2.1435364238e+1
155.2	21.436745472	2.1436745472e+1
155.21	21.438126706	2.1438126706e+1
155.22	21.439507939	2.1439507939e+1
155.23	21.440889173	2.1440889173e+1
155.24	21.442270406	2.1442270406e+1
155.25	21.44365164	2.144365164e+1
155.26	21.445032874	2.1445032874e+1
155.27	21.446414107	2.1446414107e+1
155.28	21.447795341	2.1447795341e+1
155.29	21.449176574	2.1449176574e+1
155.3	21.450557808	2.1450557808e+1
155.31	21.451939042	2.1451939042e+1
155.32	21.453320275	2.1453320275e+1
155.33	21.454701509	2.1454701509e+1
155.34	21.456082742	2.1456082742e+1
155.35	21.457463976	2.1457463976e+1
155.36	21.45884521	2.145884521e+1
155.37	21.460226443	2.1460226443e+1
155.38	21.461607677	2.1461607677e+1
155.39	21.46298891	2.146298891e+1
155.4	21.464370144	2.1464370144e+1
155.41	21.465751378	2.1465751378e+1
155.42	21.467132611	2.1467132611e+1
155.43	21.468513845	2.1468513845e+1
155.44	21.469895078	2.1469895078e+1
155.45	21.471276312	2.1471276312e+1
155.46	21.472657546	2.1472657546e+1
155.47	21.474038779	2.1474038779e+1
155.48	21.475420013	2.1475420013e+1
155.49	21.476801246	2.1476801246e+1
155.5	21.47818248	2.147818248e+1
155.51	21.479563714	2.1479563714e+1
155.52	21.480944947	2.1480944947e+1
155.53	21.482326181	2.1482326181e+1
155.54	21.483707414	2.1483707414e+1
155.55	21.485088648	2.1485088648e+1
155.56	21.486469882	2.1486469882e+1

155.57	21.487851115	2.1487851115e+1
155.58	21.489232349	2.1489232349e+1
155.59	21.490613582	2.1490613582e+1
155.6	21.491994816	2.1491994816e+1
155.61	21.49337605	2.149337605e+1
155.62	21.494757283	2.1494757283e+1
155.63	21.496138517	2.1496138517e+1
155.64	21.49751975	2.149751975e+1
155.65	21.498900984	2.1498900984e+1
155.66	21.500282218	2.1500282218e+1
155.67	21.501663451	2.1501663451e+1
155.68	21.503044685	2.1503044685e+1
155.69	21.504425918	2.1504425918e+1
155.7	21.505807152	2.1505807152e+1
155.71	21.507188386	2.1507188386e+1
155.72	21.508569619	2.1508569619e+1
155.73	21.509950853	2.1509950853e+1
155.74	21.511332086	2.1511332086e+1
155.75	21.51271332	2.151271332e+1
155.76	21.514094554	2.1514094554e+1
155.77	21.515475787	2.1515475787e+1
155.78	21.516857021	2.1516857021e+1
155.79	21.518238254	2.1518238254e+1
155.8	21.519619488	2.1519619488e+1
155.81	21.521000722	2.1521000722e+1
155.82	21.522381955	2.1522381955e+1
155.83	21.523763189	2.1523763189e+1
155.84	21.525144422	2.1525144422e+1
155.85	21.526525656	2.1526525656e+1
155.86	21.52790689	2.152790689e+1
155.87	21.529288123	2.1529288123e+1
155.88	21.530669357	2.1530669357e+1
155.89	21.53205059	2.153205059e+1
155.9	21.533431824	2.1533431824e+1
155.91	21.534813058	2.1534813058e+1
155.92	21.536194291	2.1536194291e+1
155.93	21.537575525	2.1537575525e+1
155.94	21.538956758	2.1538956758e+1

155.95	21.540337992	2.1540337992e+1
155.96	21.541719226	2.1541719226e+1
155.97	21.543100459	2.1543100459e+1
155.98	21.544481693	2.1544481693e+1
155.99	21.545862926	2.1545862926e+1
156	21.54724416	2.154724416e+1
156.01	21.548625394	2.1548625394e+1
156.02	21.550006627	2.1550006627e+1
156.03	21.551387861	2.1551387861e+1
156.04	21.552769094	2.1552769094e+1
156.05	21.554150328	2.1554150328e+1
156.06	21.555531562	2.1555531562e+1
156.07	21.556912795	2.1556912795e+1
156.08	21.558294029	2.1558294029e+1
156.09	21.559675262	2.1559675262e+1
156.1	21.561056496	2.1561056496e+1
156.11	21.56243773	2.156243773e+1
156.12	21.563818963	2.1563818963e+1
156.13	21.565200197	2.1565200197e+1
156.14	21.56658143	2.156658143e+1
156.15	21.567962664	2.1567962664e+1
156.16	21.569343898	2.1569343898e+1
156.17	21.570725131	2.1570725131e+1
156.18	21.572106365	2.1572106365e+1
156.19	21.573487598	2.1573487598e+1
156.2	21.574868832	2.1574868832e+1
156.21	21.576250066	2.1576250066e+1
156.22	21.577631299	2.1577631299e+1
156.23	21.579012533	2.1579012533e+1
156.24	21.580393766	2.1580393766e+1
156.25	21.581775	2.1581775e+1
156.26	21.583156234	2.1583156234e+1
156.27	21.584537467	2.1584537467e+1
156.28	21.585918701	2.1585918701e+1
156.29	21.587299934	2.1587299934e+1
156.3	21.588681168	2.1588681168e+1
156.31	21.590062402	2.1590062402e+1
156.32	21.591443635	2.1591443635e+1

156.33	21.592824869	2.1592824869e+1
156.34	21.594206102	2.1594206102e+1
156.35	21.595587336	2.1595587336e+1
156.36	21.59696857	2.159696857e+1
156.37	21.598349803	2.1598349803e+1
156.38	21.599731037	2.1599731037e+1
156.39	21.60111227	2.160111227e+1
156.4	21.602493504	2.1602493504e+1
156.41	21.603874738	2.1603874738e+1
156.42	21.605255971	2.1605255971e+1
156.43	21.606637205	2.1606637205e+1
156.44	21.608018438	2.1608018438e+1
156.45	21.609399672	2.1609399672e+1
156.46	21.610780906	2.1610780906e+1
156.47	21.612162139	2.1612162139e+1
156.48	21.613543373	2.1613543373e+1
156.49	21.614924606	2.1614924606e+1
156.5	21.61630584	2.161630584e+1
156.51	21.617687074	2.1617687074e+1
156.52	21.619068307	2.1619068307e+1
156.53	21.620449541	2.1620449541e+1
156.54	21.621830774	2.1621830774e+1
156.55	21.623212008	2.1623212008e+1
156.56	21.624593242	2.1624593242e+1
156.57	21.625974475	2.1625974475e+1
156.58	21.627355709	2.1627355709e+1
156.59	21.628736942	2.1628736942e+1
156.6	21.630118176	2.1630118176e+1
156.61	21.63149941	2.163149941e+1
156.62	21.632880643	2.1632880643e+1
156.63	21.634261877	2.1634261877e+1
156.64	21.63564311	2.163564311e+1
156.65	21.637024344	2.1637024344e+1
156.66	21.638405578	2.1638405578e+1
156.67	21.639786811	2.1639786811e+1
156.68	21.641168045	2.1641168045e+1
156.69	21.642549278	2.1642549278e+1
156.7	21.643930512	2.1643930512e+1

156.71	21.645311746	2.1645311746e+1
156.72	21.646692979	2.1646692979e+1
156.73	21.648074213	2.1648074213e+1
156.74	21.649455446	2.1649455446e+1
156.75	21.65083668	2.165083668e+1
156.76	21.652217914	2.1652217914e+1
156.77	21.653599147	2.1653599147e+1
156.78	21.654980381	2.1654980381e+1
156.79	21.656361614	2.1656361614e+1
156.8	21.657742848	2.1657742848e+1
156.81	21.659124082	2.1659124082e+1
156.82	21.660505315	2.1660505315e+1
156.83	21.661886549	2.1661886549e+1
156.84	21.663267782	2.1663267782e+1
156.85	21.664649016	2.1664649016e+1
156.86	21.66603025	2.166603025e+1
156.87	21.667411483	2.1667411483e+1
156.88	21.668792717	2.1668792717e+1
156.89	21.67017395	2.167017395e+1
156.9	21.671555184	2.1671555184e+1
156.91	21.672936418	2.1672936418e+1
156.92	21.674317651	2.1674317651e+1
156.93	21.675698885	2.1675698885e+1
156.94	21.677080118	2.1677080118e+1
156.95	21.678461352	2.1678461352e+1
156.96	21.679842586	2.1679842586e+1
156.97	21.681223819	2.1681223819e+1
156.98	21.682605053	2.1682605053e+1
156.99	21.683986286	2.1683986286e+1
157	21.68536752	2.168536752e+1
157.01	21.686748754	2.1686748754e+1
157.02	21.688129987	2.1688129987e+1
157.03	21.689511221	2.1689511221e+1
157.04	21.690892454	2.1690892454e+1
157.05	21.692273688	2.1692273688e+1
157.06	21.693654922	2.1693654922e+1
157.07	21.695036155	2.1695036155e+1
157.08	21.696417389	2.1696417389e+1

157.09	21.697798622	2.1697798622e+1
157.1	21.699179856	2.1699179856e+1
157.11	21.70056109	2.170056109e+1
157.12	21.701942323	2.1701942323e+1
157.13	21.703323557	2.1703323557e+1
157.14	21.70470479	2.170470479e+1
157.15	21.706086024	2.1706086024e+1
157.16	21.707467258	2.1707467258e+1
157.17	21.708848491	2.1708848491e+1
157.18	21.710229725	2.1710229725e+1
157.19	21.711610958	2.1711610958e+1
157.2	21.712992192	2.1712992192e+1
157.21	21.714373426	2.1714373426e+1
157.22	21.715754659	2.1715754659e+1
157.23	21.717135893	2.1717135893e+1
157.24	21.718517126	2.1718517126e+1
157.25	21.71989836	2.171989836e+1
157.26	21.721279594	2.1721279594e+1
157.27	21.722660827	2.1722660827e+1
157.28	21.724042061	2.1724042061e+1
157.29	21.725423294	2.1725423294e+1
157.3	21.726804528	2.1726804528e+1
157.31	21.728185762	2.1728185762e+1
157.32	21.729566995	2.1729566995e+1
157.33	21.730948229	2.1730948229e+1
157.34	21.732329462	2.1732329462e+1
157.35	21.733710696	2.1733710696e+1
157.36	21.73509193	2.173509193e+1
157.37	21.736473163	2.1736473163e+1
157.38	21.737854397	2.1737854397e+1
157.39	21.73923563	2.173923563e+1
157.4	21.740616864	2.1740616864e+1
157.41	21.741998098	2.1741998098e+1
157.42	21.743379331	2.1743379331e+1
157.43	21.744760565	2.1744760565e+1
157.44	21.746141798	2.1746141798e+1
157.45	21.747523032	2.1747523032e+1
157.46	21.748904266	2.1748904266e+1

157.47	21.750285499	2.1750285499e+1
157.48	21.751666733	2.1751666733e+1
157.49	21.753047966	2.1753047966e+1
157.5	21.7544292	2.17544292e+1
157.51	21.755810434	2.1755810434e+1
157.52	21.757191667	2.1757191667e+1
157.53	21.758572901	2.1758572901e+1
157.54	21.759954134	2.1759954134e+1
157.55	21.761335368	2.1761335368e+1
157.56	21.762716602	2.1762716602e+1
157.57	21.764097835	2.1764097835e+1
157.58	21.765479069	2.1765479069e+1
157.59	21.766860302	2.1766860302e+1
157.6	21.768241536	2.1768241536e+1
157.61	21.76962277	2.176962277e+1
157.62	21.771004003	2.1771004003e+1
157.63	21.772385237	2.1772385237e+1
157.64	21.77376647	2.177376647e+1
157.65	21.775147704	2.1775147704e+1
157.66	21.776528938	2.1776528938e+1
157.67	21.777910171	2.1777910171e+1
157.68	21.779291405	2.1779291405e+1
157.69	21.780672638	2.1780672638e+1
157.7	21.782053872	2.1782053872e+1
157.71	21.783435106	2.1783435106e+1
157.72	21.784816339	2.1784816339e+1
157.73	21.786197573	2.1786197573e+1
157.74	21.787578806	2.1787578806e+1
157.75	21.78896004	2.178896004e+1
157.76	21.790341274	2.1790341274e+1
157.77	21.791722507	2.1791722507e+1
157.78	21.793103741	2.1793103741e+1
157.79	21.794484974	2.1794484974e+1
157.8	21.795866208	2.1795866208e+1
157.81	21.797247442	2.1797247442e+1
157.82	21.798628675	2.1798628675e+1
157.83	21.800009909	2.1800009909e+1
157.84	21.801391142	2.1801391142e+1

157.85	21.802772376	2.1802772376e+1
157.86	21.80415361	2.180415361e+1
157.87	21.805534843	2.1805534843e+1
157.88	21.806916077	2.1806916077e+1
157.89	21.80829731	2.180829731e+1
157.9	21.809678544	2.1809678544e+1
157.91	21.811059778	2.1811059778e+1
157.92	21.812441011	2.1812441011e+1
157.93	21.813822245	2.1813822245e+1
157.94	21.815203478	2.1815203478e+1
157.95	21.816584712	2.1816584712e+1
157.96	21.817965946	2.1817965946e+1
157.97	21.819347179	2.1819347179e+1
157.98	21.820728413	2.1820728413e+1
157.99	21.822109646	2.1822109646e+1
158	21.82349088	2.182349088e+1
158.01	21.824872114	2.1824872114e+1
158.02	21.826253347	2.1826253347e+1
158.03	21.827634581	2.1827634581e+1
158.04	21.829015814	2.1829015814e+1
158.05	21.830397048	2.1830397048e+1
158.06	21.831778282	2.1831778282e+1
158.07	21.833159515	2.1833159515e+1
158.08	21.834540749	2.1834540749e+1
158.09	21.835921982	2.1835921982e+1
158.1	21.837303216	2.1837303216e+1
158.11	21.83868445	2.183868445e+1
158.12	21.840065683	2.1840065683e+1
158.13	21.841446917	2.1841446917e+1
158.14	21.84282815	2.184282815e+1
158.15	21.844209384	2.1844209384e+1
158.16	21.845590618	2.1845590618e+1
158.17	21.846971851	2.1846971851e+1
158.18	21.848353085	2.1848353085e+1
158.19	21.849734318	2.1849734318e+1
158.2	21.851115552	2.1851115552e+1
158.21	21.852496786	2.1852496786e+1
158.22	21.853878019	2.1853878019e+1

158.23	21.855259253	2.1855259253e+1
158.24	21.856640486	2.1856640486e+1
158.25	21.85802172	2.185802172e+1
158.26	21.859402954	2.1859402954e+1
158.27	21.860784187	2.1860784187e+1
158.28	21.862165421	2.1862165421e+1
158.29	21.863546654	2.1863546654e+1
158.3	21.864927888	2.1864927888e+1
158.31	21.866309122	2.1866309122e+1
158.32	21.867690355	2.1867690355e+1
158.33	21.869071589	2.1869071589e+1
158.34	21.870452822	2.1870452822e+1
158.35	21.871834056	2.1871834056e+1
158.36	21.87321529	2.187321529e+1
158.37	21.874596523	2.1874596523e+1
158.38	21.875977757	2.1875977757e+1
158.39	21.87735899	2.187735899e+1
158.4	21.878740224	2.1878740224e+1
158.41	21.880121458	2.1880121458e+1
158.42	21.881502691	2.1881502691e+1
158.43	21.882883925	2.1882883925e+1
158.44	21.884265158	2.1884265158e+1
158.45	21.885646392	2.1885646392e+1
158.46	21.887027626	2.1887027626e+1
158.47	21.888408859	2.1888408859e+1
158.48	21.889790093	2.1889790093e+1
158.49	21.891171326	2.1891171326e+1
158.5	21.89255256	2.189255256e+1
158.51	21.893933794	2.1893933794e+1
158.52	21.895315027	2.1895315027e+1
158.53	21.896696261	2.1896696261e+1
158.54	21.898077494	2.1898077494e+1
158.55	21.899458728	2.1899458728e+1
158.56	21.900839962	2.1900839962e+1
158.57	21.902221195	2.1902221195e+1
158.58	21.903602429	2.1903602429e+1
158.59	21.904983662	2.1904983662e+1
158.6	21.906364896	2.1906364896e+1

158.61	21.90774613	2.190774613e+1
158.62	21.909127363	2.1909127363e+1
158.63	21.910508597	2.1910508597e+1
158.64	21.91188983	2.191188983e+1
158.65	21.913271064	2.1913271064e+1
158.66	21.914652298	2.1914652298e+1
158.67	21.916033531	2.1916033531e+1
158.68	21.917414765	2.1917414765e+1
158.69	21.918795998	2.1918795998e+1
158.7	21.920177232	2.1920177232e+1
158.71	21.921558466	2.1921558466e+1
158.72	21.922939699	2.1922939699e+1
158.73	21.924320933	2.1924320933e+1
158.74	21.925702166	2.1925702166e+1
158.75	21.9270834	2.19270834e+1
158.76	21.928464634	2.1928464634e+1
158.77	21.929845867	2.1929845867e+1
158.78	21.931227101	2.1931227101e+1
158.79	21.932608334	2.1932608334e+1
158.8	21.933989568	2.1933989568e+1
158.81	21.935370802	2.1935370802e+1
158.82	21.936752035	2.1936752035e+1
158.83	21.938133269	2.1938133269e+1
158.84	21.939514502	2.1939514502e+1
158.85	21.940895736	2.1940895736e+1
158.86	21.94227697	2.194227697e+1
158.87	21.943658203	2.1943658203e+1
158.88	21.945039437	2.1945039437e+1
158.89	21.94642067	2.194642067e+1
158.9	21.947801904	2.1947801904e+1
158.91	21.949183138	2.1949183138e+1
158.92	21.950564371	2.1950564371e+1
158.93	21.951945605	2.1951945605e+1
158.94	21.953326838	2.1953326838e+1
158.95	21.954708072	2.1954708072e+1
158.96	21.956089306	2.1956089306e+1
158.97	21.957470539	2.1957470539e+1
158.98	21.958851773	2.1958851773e+1

158.99	21.960233006	2.1960233006e+1
159	21.96161424	2.196161424e+1
159.01	21.962995474	2.1962995474e+1
159.02	21.964376707	2.1964376707e+1
159.03	21.965757941	2.1965757941e+1
159.04	21.967139174	2.1967139174e+1
159.05	21.968520408	2.1968520408e+1
159.06	21.969901642	2.1969901642e+1
159.07	21.971282875	2.1971282875e+1
159.08	21.972664109	2.1972664109e+1
159.09	21.974045342	2.1974045342e+1
159.1	21.975426576	2.1975426576e+1
159.11	21.97680781	2.197680781e+1
159.12	21.978189043	2.1978189043e+1
159.13	21.979570277	2.1979570277e+1
159.14	21.98095151	2.198095151e+1
159.15	21.982332744	2.1982332744e+1
159.16	21.983713978	2.1983713978e+1
159.17	21.985095211	2.1985095211e+1
159.18	21.986476445	2.1986476445e+1
159.19	21.987857678	2.1987857678e+1
159.2	21.989238912	2.1989238912e+1
159.21	21.990620146	2.1990620146e+1
159.22	21.992001379	2.1992001379e+1
159.23	21.993382613	2.1993382613e+1
159.24	21.994763846	2.1994763846e+1
159.25	21.99614508	2.199614508e+1
159.26	21.997526314	2.1997526314e+1
159.27	21.998907547	2.1998907547e+1
159.28	22.000288781	2.2000288781e+1
159.29	22.001670014	2.2001670014e+1
159.3	22.003051248	2.2003051248e+1
159.31	22.004432482	2.2004432482e+1
159.32	22.005813715	2.2005813715e+1
159.33	22.007194949	2.2007194949e+1
159.34	22.008576182	2.2008576182e+1
159.35	22.009957416	2.2009957416e+1
159.36	22.01133865	2.201133865e+1

159.37	22.012719883	2.2012719883e+1
159.38	22.014101117	2.2014101117e+1
159.39	22.01548235	2.201548235e+1
159.4	22.016863584	2.2016863584e+1
159.41	22.018244818	2.2018244818e+1
159.42	22.019626051	2.2019626051e+1
159.43	22.021007285	2.2021007285e+1
159.44	22.022388518	2.2022388518e+1
159.45	22.023769752	2.2023769752e+1
159.46	22.025150986	2.2025150986e+1
159.47	22.026532219	2.2026532219e+1
159.48	22.027913453	2.2027913453e+1
159.49	22.029294686	2.2029294686e+1
159.5	22.03067592	2.203067592e+1
159.51	22.032057154	2.2032057154e+1
159.52	22.033438387	2.2033438387e+1
159.53	22.034819621	2.2034819621e+1
159.54	22.036200854	2.2036200854e+1
159.55	22.037582088	2.2037582088e+1
159.56	22.038963322	2.2038963322e+1
159.57	22.040344555	2.2040344555e+1
159.58	22.041725789	2.2041725789e+1
159.59	22.043107022	2.2043107022e+1
159.6	22.044488256	2.2044488256e+1
159.61	22.04586949	2.204586949e+1
159.62	22.047250723	2.2047250723e+1
159.63	22.048631957	2.2048631957e+1
159.64	22.05001319	2.205001319e+1
159.65	22.051394424	2.2051394424e+1
159.66	22.052775658	2.2052775658e+1
159.67	22.054156891	2.2054156891e+1
159.68	22.055538125	2.2055538125e+1
159.69	22.056919358	2.2056919358e+1
159.7	22.058300592	2.2058300592e+1
159.71	22.059681826	2.2059681826e+1
159.72	22.061063059	2.2061063059e+1
159.73	22.062444293	2.2062444293e+1
159.74	22.063825526	2.2063825526e+1

159.75	22.06520676	2.206520676e+1
159.76	22.066587994	2.2066587994e+1
159.77	22.067969227	2.2067969227e+1
159.78	22.069350461	2.2069350461e+1
159.79	22.070731694	2.2070731694e+1
159.8	22.072112928	2.2072112928e+1
159.81	22.073494162	2.2073494162e+1
159.82	22.074875395	2.2074875395e+1
159.83	22.076256629	2.2076256629e+1
159.84	22.077637862	2.2077637862e+1
159.85	22.079019096	2.2079019096e+1
159.86	22.08040033	2.208040033e+1
159.87	22.081781563	2.2081781563e+1
159.88	22.083162797	2.2083162797e+1
159.89	22.08454403	2.208454403e+1
159.9	22.085925264	2.2085925264e+1
159.91	22.087306498	2.2087306498e+1
159.92	22.088687731	2.2088687731e+1
159.93	22.090068965	2.2090068965e+1
159.94	22.091450198	2.2091450198e+1
159.95	22.092831432	2.2092831432e+1
159.96	22.094212666	2.2094212666e+1
159.97	22.095593899	2.2095593899e+1
159.98	22.096975133	2.2096975133e+1
159.99	22.098356366	2.2098356366e+1
160	22.0997376	2.20997376e+1
160.01	22.101118834	2.2101118834e+1
160.02	22.102500067	2.2102500067e+1
160.03	22.103881301	2.2103881301e+1
160.04	22.105262534	2.2105262534e+1
160.05	22.106643768	2.2106643768e+1
160.06	22.108025002	2.2108025002e+1
160.07	22.109406235	2.2109406235e+1
160.08	22.110787469	2.2110787469e+1
160.09	22.112168702	2.2112168702e+1
160.1	22.113549936	2.2113549936e+1
160.11	22.11493117	2.211493117e+1
160.12	22.116312403	2.2116312403e+1

160.13	22.117693637	2.2117693637e+1
160.14	22.11907487	2.211907487e+1
160.15	22.120456104	2.2120456104e+1
160.16	22.121837338	2.2121837338e+1
160.17	22.123218571	2.2123218571e+1
160.18	22.124599805	2.2124599805e+1
160.19	22.125981038	2.2125981038e+1
160.2	22.127362272	2.2127362272e+1
160.21	22.128743506	2.2128743506e+1
160.22	22.130124739	2.2130124739e+1
160.23	22.131505973	2.2131505973e+1
160.24	22.132887206	2.2132887206e+1
160.25	22.13426844	2.213426844e+1
160.26	22.135649674	2.2135649674e+1
160.27	22.137030907	2.2137030907e+1
160.28	22.138412141	2.2138412141e+1
160.29	22.139793374	2.2139793374e+1
160.3	22.141174608	2.2141174608e+1
160.31	22.142555842	2.2142555842e+1
160.32	22.143937075	2.2143937075e+1
160.33	22.145318309	2.2145318309e+1
160.34	22.146699542	2.2146699542e+1
160.35	22.148080776	2.2148080776e+1
160.36	22.14946201	2.214946201e+1
160.37	22.150843243	2.2150843243e+1
160.38	22.152224477	2.2152224477e+1
160.39	22.15360571	2.215360571e+1
160.4	22.154986944	2.2154986944e+1
160.41	22.156368178	2.2156368178e+1
160.42	22.157749411	2.2157749411e+1
160.43	22.159130645	2.2159130645e+1
160.44	22.160511878	2.2160511878e+1
160.45	22.161893112	2.2161893112e+1
160.46	22.163274346	2.2163274346e+1
160.47	22.164655579	2.2164655579e+1
160.48	22.166036813	2.2166036813e+1
160.49	22.167418046	2.2167418046e+1
160.5	22.16879928	2.216879928e+1

160.51	22.170180514	2.2170180514e+1
160.52	22.171561747	2.2171561747e+1
160.53	22.172942981	2.2172942981e+1
160.54	22.174324214	2.2174324214e+1
160.55	22.175705448	2.2175705448e+1
160.56	22.177086682	2.2177086682e+1
160.57	22.178467915	2.2178467915e+1
160.58	22.179849149	2.2179849149e+1
160.59	22.181230382	2.2181230382e+1
160.6	22.182611616	2.2182611616e+1
160.61	22.18399285	2.218399285e+1
160.62	22.185374083	2.2185374083e+1
160.63	22.186755317	2.2186755317e+1
160.64	22.18813655	2.218813655e+1
160.65	22.189517784	2.2189517784e+1
160.66	22.190899018	2.2190899018e+1
160.67	22.192280251	2.2192280251e+1
160.68	22.193661485	2.2193661485e+1
160.69	22.195042718	2.2195042718e+1
160.7	22.196423952	2.2196423952e+1
160.71	22.197805186	2.2197805186e+1
160.72	22.199186419	2.2199186419e+1
160.73	22.200567653	2.2200567653e+1
160.74	22.201948886	2.2201948886e+1
160.75	22.20333012	2.220333012e+1
160.76	22.204711354	2.2204711354e+1
160.77	22.206092587	2.2206092587e+1
160.78	22.207473821	2.2207473821e+1
160.79	22.208855054	2.2208855054e+1
160.8	22.210236288	2.2210236288e+1
160.81	22.211617522	2.2211617522e+1
160.82	22.212998755	2.2212998755e+1
160.83	22.214379989	2.2214379989e+1
160.84	22.215761222	2.2215761222e+1
160.85	22.217142456	2.2217142456e+1
160.86	22.21852369	2.221852369e+1
160.87	22.219904923	2.2219904923e+1
160.88	22.221286157	2.2221286157e+1

160.89	22.222266739	2.222266739e+1
160.9	22.224048624	2.2224048624e+1
160.91	22.225429858	2.2225429858e+1
160.92	22.226811091	2.2226811091e+1
160.93	22.228192325	2.2228192325e+1
160.94	22.229573558	2.2229573558e+1
160.95	22.230954792	2.2230954792e+1
160.96	22.232336026	2.2232336026e+1
160.97	22.233717259	2.2233717259e+1
160.98	22.235098493	2.2235098493e+1
160.99	22.236479726	2.2236479726e+1
161	22.23786096	2.223786096e+1
161.01	22.239242194	2.2239242194e+1
161.02	22.240623427	2.2240623427e+1
161.03	22.242004661	2.2242004661e+1
161.04	22.243385894	2.2243385894e+1
161.05	22.244767128	2.2244767128e+1
161.06	22.246148362	2.2246148362e+1
161.07	22.247529595	2.2247529595e+1
161.08	22.248910829	2.2248910829e+1
161.09	22.250292062	2.2250292062e+1
161.1	22.251673296	2.2251673296e+1
161.11	22.25305453	2.225305453e+1
161.12	22.254435763	2.2254435763e+1
161.13	22.255816997	2.2255816997e+1
161.14	22.25719823	2.225719823e+1
161.15	22.258579464	2.2258579464e+1
161.16	22.259960698	2.2259960698e+1
161.17	22.261341931	2.2261341931e+1
161.18	22.262723165	2.2262723165e+1
161.19	22.264104398	2.2264104398e+1
161.2	22.265485632	2.2265485632e+1
161.21	22.266866866	2.2266866866e+1
161.22	22.268248099	2.2268248099e+1
161.23	22.269629333	2.2269629333e+1
161.24	22.271010566	2.2271010566e+1
161.25	22.2723918	2.22723918e+1
161.26	22.273773034	2.2273773034e+1

161.27	22.275154267	2.2275154267e+1
161.28	22.276535501	2.2276535501e+1
161.29	22.277916734	2.2277916734e+1
161.3	22.279297968	2.2279297968e+1
161.31	22.280679202	2.2280679202e+1
161.32	22.282060435	2.2282060435e+1
161.33	22.283441669	2.2283441669e+1
161.34	22.284822902	2.2284822902e+1
161.35	22.286204136	2.2286204136e+1
161.36	22.28758537	2.228758537e+1
161.37	22.288966603	2.2288966603e+1
161.38	22.290347837	2.2290347837e+1
161.39	22.29172907	2.229172907e+1
161.4	22.293110304	2.2293110304e+1
161.41	22.294491538	2.2294491538e+1
161.42	22.295872771	2.2295872771e+1
161.43	22.297254005	2.2297254005e+1
161.44	22.298635238	2.2298635238e+1
161.45	22.300016472	2.2300016472e+1
161.46	22.301397706	2.2301397706e+1
161.47	22.302778939	2.2302778939e+1
161.48	22.304160173	2.2304160173e+1
161.49	22.305541406	2.2305541406e+1
161.5	22.30692264	2.230692264e+1
161.51	22.308303874	2.2308303874e+1
161.52	22.309685107	2.2309685107e+1
161.53	22.311066341	2.2311066341e+1
161.54	22.312447574	2.2312447574e+1
161.55	22.313828808	2.2313828808e+1
161.56	22.315210042	2.2315210042e+1
161.57	22.316591275	2.2316591275e+1
161.58	22.317972509	2.2317972509e+1
161.59	22.319353742	2.2319353742e+1
161.6	22.320734976	2.2320734976e+1
161.61	22.32211621	2.232211621e+1
161.62	22.323497443	2.2323497443e+1
161.63	22.324878677	2.2324878677e+1
161.64	22.32625991	2.232625991e+1

161.65	22.327641144	2.2327641144e+1
161.66	22.329022378	2.2329022378e+1
161.67	22.330403611	2.2330403611e+1
161.68	22.331784845	2.2331784845e+1
161.69	22.333166078	2.2333166078e+1
161.7	22.334547312	2.2334547312e+1
161.71	22.335928546	2.2335928546e+1
161.72	22.337309779	2.2337309779e+1
161.73	22.338691013	2.2338691013e+1
161.74	22.340072246	2.2340072246e+1
161.75	22.34145348	2.234145348e+1
161.76	22.342834714	2.2342834714e+1
161.77	22.344215947	2.2344215947e+1
161.78	22.345597181	2.2345597181e+1
161.79	22.346978414	2.2346978414e+1
161.8	22.348359648	2.2348359648e+1
161.81	22.349740882	2.2349740882e+1
161.82	22.351122115	2.2351122115e+1
161.83	22.352503349	2.2352503349e+1
161.84	22.353884582	2.2353884582e+1
161.85	22.355265816	2.2355265816e+1
161.86	22.35664705	2.235664705e+1
161.87	22.358028283	2.2358028283e+1
161.88	22.359409517	2.2359409517e+1
161.89	22.36079075	2.236079075e+1
161.9	22.362171984	2.2362171984e+1
161.91	22.363553218	2.2363553218e+1
161.92	22.364934451	2.2364934451e+1
161.93	22.366315685	2.2366315685e+1
161.94	22.367696918	2.2367696918e+1
161.95	22.369078152	2.2369078152e+1
161.96	22.370459386	2.2370459386e+1
161.97	22.371840619	2.2371840619e+1
161.98	22.373221853	2.2373221853e+1
161.99	22.374603086	2.2374603086e+1
162	22.37598432	2.237598432e+1
162.01	22.377365554	2.2377365554e+1
162.02	22.378746787	2.2378746787e+1

162.03	22.380128021	2.2380128021e+1
162.04	22.381509254	2.2381509254e+1
162.05	22.382890488	2.2382890488e+1
162.06	22.384271722	2.2384271722e+1
162.07	22.385652955	2.2385652955e+1
162.08	22.387034189	2.2387034189e+1
162.09	22.388415422	2.2388415422e+1
162.1	22.389796656	2.2389796656e+1
162.11	22.39117789	2.239117789e+1
162.12	22.392559123	2.2392559123e+1
162.13	22.393940357	2.2393940357e+1
162.14	22.39532159	2.239532159e+1
162.15	22.396702824	2.2396702824e+1
162.16	22.398084058	2.2398084058e+1
162.17	22.399465291	2.2399465291e+1
162.18	22.400846525	2.2400846525e+1
162.19	22.402227758	2.2402227758e+1
162.2	22.403608992	2.2403608992e+1
162.21	22.404990226	2.2404990226e+1
162.22	22.406371459	2.2406371459e+1
162.23	22.407752693	2.2407752693e+1
162.24	22.409133926	2.2409133926e+1
162.25	22.41051516	2.241051516e+1
162.26	22.411896394	2.2411896394e+1
162.27	22.413277627	2.2413277627e+1
162.28	22.414658861	2.2414658861e+1
162.29	22.416040094	2.2416040094e+1
162.3	22.417421328	2.2417421328e+1
162.31	22.418802562	2.2418802562e+1
162.32	22.420183795	2.2420183795e+1
162.33	22.421565029	2.2421565029e+1
162.34	22.422946262	2.2422946262e+1
162.35	22.424327496	2.2424327496e+1
162.36	22.42570873	2.242570873e+1
162.37	22.427089963	2.2427089963e+1
162.38	22.428471197	2.2428471197e+1
162.39	22.42985243	2.242985243e+1
162.4	22.431233664	2.2431233664e+1

162.41	22.432614898	2.2432614898e+1
162.42	22.433996131	2.2433996131e+1
162.43	22.435377365	2.2435377365e+1
162.44	22.436758598	2.2436758598e+1
162.45	22.438139832	2.2438139832e+1
162.46	22.439521066	2.2439521066e+1
162.47	22.440902299	2.2440902299e+1
162.48	22.442283533	2.2442283533e+1
162.49	22.443664766	2.2443664766e+1
162.5	22.445046	2.2445046e+1
162.51	22.446427234	2.2446427234e+1
162.52	22.447808467	2.2447808467e+1
162.53	22.449189701	2.2449189701e+1
162.54	22.450570934	2.2450570934e+1
162.55	22.451952168	2.2451952168e+1
162.56	22.453333402	2.2453333402e+1
162.57	22.454714635	2.2454714635e+1
162.58	22.456095869	2.2456095869e+1
162.59	22.457477102	2.2457477102e+1
162.6	22.458858336	2.2458858336e+1
162.61	22.46023957	2.246023957e+1
162.62	22.461620803	2.2461620803e+1
162.63	22.463002037	2.2463002037e+1
162.64	22.46438327	2.246438327e+1
162.65	22.465764504	2.2465764504e+1
162.66	22.467145738	2.2467145738e+1
162.67	22.468526971	2.2468526971e+1
162.68	22.469908205	2.2469908205e+1
162.69	22.471289438	2.2471289438e+1
162.7	22.472670672	2.2472670672e+1
162.71	22.474051906	2.2474051906e+1
162.72	22.475433139	2.2475433139e+1
162.73	22.476814373	2.2476814373e+1
162.74	22.478195606	2.2478195606e+1
162.75	22.47957684	2.247957684e+1
162.76	22.480958074	2.2480958074e+1
162.77	22.482339307	2.2482339307e+1
162.78	22.483720541	2.2483720541e+1

162.79	22.485101774	2.2485101774e+1
162.8	22.486483008	2.2486483008e+1
162.81	22.487864242	2.2487864242e+1
162.82	22.489245475	2.2489245475e+1
162.83	22.490626709	2.2490626709e+1
162.84	22.492007942	2.2492007942e+1
162.85	22.493389176	2.2493389176e+1
162.86	22.49477041	2.249477041e+1
162.87	22.496151643	2.2496151643e+1
162.88	22.497532877	2.2497532877e+1
162.89	22.49891411	2.249891411e+1
162.9	22.500295344	2.2500295344e+1
162.91	22.501676578	2.2501676578e+1
162.92	22.503057811	2.2503057811e+1
162.93	22.504439045	2.2504439045e+1
162.94	22.505820278	2.2505820278e+1
162.95	22.507201512	2.2507201512e+1
162.96	22.508582746	2.2508582746e+1
162.97	22.509963979	2.2509963979e+1
162.98	22.511345213	2.2511345213e+1
162.99	22.512726446	2.2512726446e+1
163	22.51410768	2.251410768e+1
163.01	22.515488914	2.2515488914e+1
163.02	22.516870147	2.2516870147e+1
163.03	22.518251381	2.2518251381e+1
163.04	22.519632614	2.2519632614e+1
163.05	22.521013848	2.2521013848e+1
163.06	22.522395082	2.2522395082e+1
163.07	22.523776315	2.2523776315e+1
163.08	22.525157549	2.2525157549e+1
163.09	22.526538782	2.2526538782e+1
163.1	22.527920016	2.2527920016e+1
163.11	22.52930125	2.252930125e+1
163.12	22.530682483	2.2530682483e+1
163.13	22.532063717	2.2532063717e+1
163.14	22.53344495	2.253344495e+1
163.15	22.534826184	2.2534826184e+1
163.16	22.536207418	2.2536207418e+1

163.17	22.537588651	2.2537588651e+1
163.18	22.538969885	2.2538969885e+1
163.19	22.540351118	2.2540351118e+1
163.2	22.541732352	2.2541732352e+1
163.21	22.543113586	2.2543113586e+1
163.22	22.544494819	2.2544494819e+1
163.23	22.545876053	2.2545876053e+1
163.24	22.547257286	2.2547257286e+1
163.25	22.54863852	2.254863852e+1
163.26	22.550019754	2.2550019754e+1
163.27	22.551400987	2.2551400987e+1
163.28	22.552782221	2.2552782221e+1
163.29	22.554163454	2.2554163454e+1
163.3	22.555544688	2.2555544688e+1
163.31	22.556925922	2.2556925922e+1
163.32	22.558307155	2.2558307155e+1
163.33	22.559688389	2.2559688389e+1
163.34	22.561069622	2.2561069622e+1
163.35	22.562450856	2.2562450856e+1
163.36	22.56383209	2.256383209e+1
163.37	22.565213323	2.2565213323e+1
163.38	22.566594557	2.2566594557e+1
163.39	22.56797579	2.256797579e+1
163.4	22.569357024	2.2569357024e+1
163.41	22.570738258	2.2570738258e+1
163.42	22.572119491	2.2572119491e+1
163.43	22.573500725	2.2573500725e+1
163.44	22.574881958	2.2574881958e+1
163.45	22.576263192	2.2576263192e+1
163.46	22.577644426	2.2577644426e+1
163.47	22.579025659	2.2579025659e+1
163.48	22.580406893	2.2580406893e+1
163.49	22.581788126	2.2581788126e+1
163.5	22.58316936	2.258316936e+1
163.51	22.584550594	2.2584550594e+1
163.52	22.585931827	2.2585931827e+1
163.53	22.587313061	2.2587313061e+1
163.54	22.588694294	2.2588694294e+1

163.55	22.590075528	2.2590075528e+1
163.56	22.591456762	2.2591456762e+1
163.57	22.592837995	2.2592837995e+1
163.58	22.594219229	2.2594219229e+1
163.59	22.595600462	2.2595600462e+1
163.6	22.596981696	2.2596981696e+1
163.61	22.59836293	2.259836293e+1
163.62	22.599744163	2.2599744163e+1
163.63	22.601125397	2.2601125397e+1
163.64	22.60250663	2.260250663e+1
163.65	22.603887864	2.2603887864e+1
163.66	22.605269098	2.2605269098e+1
163.67	22.606650331	2.2606650331e+1
163.68	22.608031565	2.2608031565e+1
163.69	22.609412798	2.2609412798e+1
163.7	22.610794032	2.2610794032e+1
163.71	22.612175266	2.2612175266e+1
163.72	22.613556499	2.2613556499e+1
163.73	22.614937733	2.2614937733e+1
163.74	22.616318966	2.2616318966e+1
163.75	22.6177002	2.26177002e+1
163.76	22.619081434	2.2619081434e+1
163.77	22.620462667	2.2620462667e+1
163.78	22.621843901	2.2621843901e+1
163.79	22.623225134	2.2623225134e+1
163.8	22.624606368	2.2624606368e+1
163.81	22.625987602	2.2625987602e+1
163.82	22.627368835	2.2627368835e+1
163.83	22.628750069	2.2628750069e+1
163.84	22.630131302	2.2630131302e+1
163.85	22.631512536	2.2631512536e+1
163.86	22.63289377	2.263289377e+1
163.87	22.634275003	2.2634275003e+1
163.88	22.635656237	2.2635656237e+1
163.89	22.63703747	2.263703747e+1
163.9	22.638418704	2.2638418704e+1
163.91	22.639799938	2.2639799938e+1
163.92	22.641181171	2.2641181171e+1

163.93	22.642562405	2.2642562405e+1
163.94	22.643943638	2.2643943638e+1
163.95	22.645324872	2.2645324872e+1
163.96	22.646706106	2.2646706106e+1
163.97	22.648087339	2.2648087339e+1
163.98	22.649468573	2.2649468573e+1
163.99	22.650849806	2.2650849806e+1
164	22.65223104	2.265223104e+1
164.01	22.653612274	2.2653612274e+1
164.02	22.654993507	2.2654993507e+1
164.03	22.656374741	2.2656374741e+1
164.04	22.657755974	2.2657755974e+1
164.05	22.659137208	2.2659137208e+1
164.06	22.660518442	2.2660518442e+1
164.07	22.661899675	2.2661899675e+1
164.08	22.663280909	2.2663280909e+1
164.09	22.664662142	2.2664662142e+1
164.1	22.666043376	2.2666043376e+1
164.11	22.66742461	2.266742461e+1
164.12	22.668805843	2.2668805843e+1
164.13	22.670187077	2.2670187077e+1
164.14	22.67156831	2.267156831e+1
164.15	22.672949544	2.2672949544e+1
164.16	22.674330778	2.2674330778e+1
164.17	22.675712011	2.2675712011e+1
164.18	22.677093245	2.2677093245e+1
164.19	22.678474478	2.2678474478e+1
164.2	22.679855712	2.2679855712e+1
164.21	22.681236946	2.2681236946e+1
164.22	22.682618179	2.2682618179e+1
164.23	22.683999413	2.2683999413e+1
164.24	22.685380646	2.2685380646e+1
164.25	22.68676188	2.268676188e+1
164.26	22.688143114	2.2688143114e+1
164.27	22.689524347	2.2689524347e+1
164.28	22.690905581	2.2690905581e+1
164.29	22.692286814	2.2692286814e+1
164.3	22.693668048	2.2693668048e+1

164.31	22.695049282	2.2695049282e+1
164.32	22.696430515	2.2696430515e+1
164.33	22.697811749	2.2697811749e+1
164.34	22.699192982	2.2699192982e+1
164.35	22.700574216	2.2700574216e+1
164.36	22.70195545	2.270195545e+1
164.37	22.703336683	2.2703336683e+1
164.38	22.704717917	2.2704717917e+1
164.39	22.70609915	2.270609915e+1
164.4	22.707480384	2.2707480384e+1
164.41	22.708861618	2.2708861618e+1
164.42	22.710242851	2.2710242851e+1
164.43	22.711624085	2.2711624085e+1
164.44	22.713005318	2.2713005318e+1
164.45	22.714386552	2.2714386552e+1
164.46	22.715767786	2.2715767786e+1
164.47	22.717149019	2.2717149019e+1
164.48	22.718530253	2.2718530253e+1
164.49	22.719911486	2.2719911486e+1
164.5	22.72129272	2.272129272e+1
164.51	22.722673954	2.2722673954e+1
164.52	22.724055187	2.2724055187e+1
164.53	22.725436421	2.2725436421e+1
164.54	22.726817654	2.2726817654e+1
164.55	22.728198888	2.2728198888e+1
164.56	22.729580122	2.2729580122e+1
164.57	22.730961355	2.2730961355e+1
164.58	22.732342589	2.2732342589e+1
164.59	22.733723822	2.2733723822e+1
164.6	22.735105056	2.2735105056e+1
164.61	22.73648629	2.273648629e+1
164.62	22.737867523	2.2737867523e+1
164.63	22.739248757	2.2739248757e+1
164.64	22.74062999	2.274062999e+1
164.65	22.742011224	2.2742011224e+1
164.66	22.743392458	2.2743392458e+1
164.67	22.744773691	2.2744773691e+1
164.68	22.746154925	2.2746154925e+1

164.69	22.747536158	2.2747536158e+1
164.7	22.748917392	2.2748917392e+1
164.71	22.750298626	2.2750298626e+1
164.72	22.751679859	2.2751679859e+1
164.73	22.753061093	2.2753061093e+1
164.74	22.754442326	2.2754442326e+1
164.75	22.75582356	2.275582356e+1
164.76	22.757204794	2.2757204794e+1
164.77	22.758586027	2.2758586027e+1
164.78	22.759967261	2.2759967261e+1
164.79	22.761348494	2.2761348494e+1
164.8	22.762729728	2.2762729728e+1
164.81	22.764110962	2.2764110962e+1
164.82	22.765492195	2.2765492195e+1
164.83	22.766873429	2.2766873429e+1
164.84	22.768254662	2.2768254662e+1
164.85	22.769635896	2.2769635896e+1
164.86	22.77101713	2.277101713e+1
164.87	22.772398363	2.2772398363e+1
164.88	22.773779597	2.2773779597e+1
164.89	22.77516083	2.277516083e+1
164.9	22.776542064	2.2776542064e+1
164.91	22.777923298	2.2777923298e+1
164.92	22.779304531	2.2779304531e+1
164.93	22.780685765	2.2780685765e+1
164.94	22.782066998	2.2782066998e+1
164.95	22.783448232	2.2783448232e+1
164.96	22.784829466	2.2784829466e+1
164.97	22.786210699	2.2786210699e+1
164.98	22.787591933	2.2787591933e+1
164.99	22.788973166	2.2788973166e+1
165	22.7903544	2.27903544e+1
165.01	22.791735634	2.2791735634e+1
165.02	22.793116867	2.2793116867e+1
165.03	22.794498101	2.2794498101e+1
165.04	22.795879334	2.2795879334e+1
165.05	22.797260568	2.2797260568e+1
165.06	22.798641802	2.2798641802e+1

165.07	22.800023035	2.2800023035e+1
165.08	22.801404269	2.2801404269e+1
165.09	22.802785502	2.2802785502e+1
165.1	22.804166736	2.2804166736e+1
165.11	22.80554797	2.280554797e+1
165.12	22.806929203	2.2806929203e+1
165.13	22.808310437	2.2808310437e+1
165.14	22.80969167	2.280969167e+1
165.15	22.811072904	2.2811072904e+1
165.16	22.812454138	2.2812454138e+1
165.17	22.813835371	2.2813835371e+1
165.18	22.815216605	2.2815216605e+1
165.19	22.816597838	2.2816597838e+1
165.2	22.817979072	2.2817979072e+1
165.21	22.819360306	2.2819360306e+1
165.22	22.820741539	2.2820741539e+1
165.23	22.822122773	2.2822122773e+1
165.24	22.823504006	2.2823504006e+1
165.25	22.82488524	2.282488524e+1
165.26	22.826266474	2.2826266474e+1
165.27	22.827647707	2.2827647707e+1
165.28	22.829028941	2.2829028941e+1
165.29	22.830410174	2.2830410174e+1
165.3	22.831791408	2.2831791408e+1
165.31	22.833172642	2.2833172642e+1
165.32	22.834553875	2.2834553875e+1
165.33	22.835935109	2.2835935109e+1
165.34	22.837316342	2.2837316342e+1
165.35	22.838697576	2.2838697576e+1
165.36	22.84007881	2.284007881e+1
165.37	22.841460043	2.2841460043e+1
165.38	22.842841277	2.2842841277e+1
165.39	22.84422251	2.284422251e+1
165.4	22.845603744	2.2845603744e+1
165.41	22.846984978	2.2846984978e+1
165.42	22.848366211	2.2848366211e+1
165.43	22.849747445	2.2849747445e+1
165.44	22.851128678	2.2851128678e+1

165.45	22.852509912	2.2852509912e+1
165.46	22.853891146	2.2853891146e+1
165.47	22.855272379	2.2855272379e+1
165.48	22.856653613	2.2856653613e+1
165.49	22.858034846	2.2858034846e+1
165.5	22.85941608	2.285941608e+1
165.51	22.860797314	2.2860797314e+1
165.52	22.862178547	2.2862178547e+1
165.53	22.863559781	2.2863559781e+1
165.54	22.864941014	2.2864941014e+1
165.55	22.866322248	2.2866322248e+1
165.56	22.867703482	2.2867703482e+1
165.57	22.869084715	2.2869084715e+1
165.58	22.870465949	2.2870465949e+1
165.59	22.871847182	2.2871847182e+1
165.6	22.873228416	2.2873228416e+1
165.61	22.87460965	2.287460965e+1
165.62	22.875990883	2.2875990883e+1
165.63	22.877372117	2.2877372117e+1
165.64	22.87875335	2.287875335e+1
165.65	22.880134584	2.2880134584e+1
165.66	22.881515818	2.2881515818e+1
165.67	22.882897051	2.2882897051e+1
165.68	22.884278285	2.2884278285e+1
165.69	22.885659518	2.2885659518e+1
165.7	22.887040752	2.2887040752e+1
165.71	22.888421986	2.2888421986e+1
165.72	22.889803219	2.2889803219e+1
165.73	22.891184453	2.2891184453e+1
165.74	22.892565686	2.2892565686e+1
165.75	22.89394692	2.289394692e+1
165.76	22.895328154	2.2895328154e+1
165.77	22.896709387	2.2896709387e+1
165.78	22.898090621	2.2898090621e+1
165.79	22.899471854	2.2899471854e+1
165.8	22.900853088	2.2900853088e+1
165.81	22.902234322	2.2902234322e+1
165.82	22.903615555	2.2903615555e+1

165.83	22.904996789	2.2904996789e+1
165.84	22.906378022	2.2906378022e+1
165.85	22.907759256	2.2907759256e+1
165.86	22.90914049	2.290914049e+1
165.87	22.910521723	2.2910521723e+1
165.88	22.911902957	2.2911902957e+1
165.89	22.91328419	2.291328419e+1
165.9	22.914665424	2.2914665424e+1
165.91	22.916046658	2.2916046658e+1
165.92	22.917427891	2.2917427891e+1
165.93	22.918809125	2.2918809125e+1
165.94	22.920190358	2.2920190358e+1
165.95	22.921571592	2.2921571592e+1
165.96	22.922952826	2.2922952826e+1
165.97	22.924334059	2.2924334059e+1
165.98	22.925715293	2.2925715293e+1
165.99	22.927096526	2.2927096526e+1
166	22.92847776	2.292847776e+1
166.01	22.929858994	2.2929858994e+1
166.02	22.931240227	2.2931240227e+1
166.03	22.932621461	2.2932621461e+1
166.04	22.934002694	2.2934002694e+1
166.05	22.935383928	2.2935383928e+1
166.06	22.936765162	2.2936765162e+1
166.07	22.938146395	2.2938146395e+1
166.08	22.939527629	2.2939527629e+1
166.09	22.940908862	2.2940908862e+1
166.1	22.942290096	2.2942290096e+1
166.11	22.94367133	2.294367133e+1
166.12	22.945052563	2.2945052563e+1
166.13	22.946433797	2.2946433797e+1
166.14	22.94781503	2.294781503e+1
166.15	22.949196264	2.2949196264e+1
166.16	22.950577498	2.2950577498e+1
166.17	22.951958731	2.2951958731e+1
166.18	22.953339965	2.2953339965e+1
166.19	22.954721198	2.2954721198e+1
166.2	22.956102432	2.2956102432e+1

166.21	22.957483666	2.2957483666e+1
166.22	22.958864899	2.2958864899e+1
166.23	22.960246133	2.2960246133e+1
166.24	22.961627366	2.2961627366e+1
166.25	22.9630086	2.29630086e+1
166.26	22.964389834	2.2964389834e+1
166.27	22.965771067	2.2965771067e+1
166.28	22.967152301	2.2967152301e+1
166.29	22.968533534	2.2968533534e+1
166.3	22.969914768	2.2969914768e+1
166.31	22.971296002	2.2971296002e+1
166.32	22.972677235	2.2972677235e+1
166.33	22.974058469	2.2974058469e+1
166.34	22.975439702	2.2975439702e+1
166.35	22.976820936	2.2976820936e+1
166.36	22.97820217	2.297820217e+1
166.37	22.979583403	2.2979583403e+1
166.38	22.980964637	2.2980964637e+1
166.39	22.98234587	2.298234587e+1
166.4	22.983727104	2.2983727104e+1
166.41	22.985108338	2.2985108338e+1
166.42	22.986489571	2.2986489571e+1
166.43	22.987870805	2.2987870805e+1
166.44	22.989252038	2.2989252038e+1
166.45	22.990633272	2.2990633272e+1
166.46	22.992014506	2.2992014506e+1
166.47	22.993395739	2.2993395739e+1
166.48	22.994776973	2.2994776973e+1
166.49	22.996158206	2.2996158206e+1
166.5	22.99753944	2.299753944e+1
166.51	22.998920674	2.2998920674e+1
166.52	23.000301907	2.3000301907e+1
166.53	23.001683141	2.3001683141e+1
166.54	23.003064374	2.3003064374e+1
166.55	23.004445608	2.3004445608e+1
166.56	23.005826842	2.3005826842e+1
166.57	23.007208075	2.3007208075e+1
166.58	23.008589309	2.3008589309e+1

166.59	23.009970542	2.3009970542e+1
166.6	23.011351776	2.3011351776e+1
166.61	23.01273301	2.301273301e+1
166.62	23.014114243	2.3014114243e+1
166.63	23.015495477	2.3015495477e+1
166.64	23.01687671	2.301687671e+1
166.65	23.018257944	2.3018257944e+1
166.66	23.019639178	2.3019639178e+1
166.67	23.021020411	2.3021020411e+1
166.68	23.022401645	2.3022401645e+1
166.69	23.023782878	2.3023782878e+1
166.7	23.025164112	2.3025164112e+1
166.71	23.026545346	2.3026545346e+1
166.72	23.027926579	2.3027926579e+1
166.73	23.029307813	2.3029307813e+1
166.74	23.030689046	2.3030689046e+1
166.75	23.03207028	2.303207028e+1
166.76	23.033451514	2.3033451514e+1
166.77	23.034832747	2.3034832747e+1
166.78	23.036213981	2.3036213981e+1
166.79	23.037595214	2.3037595214e+1
166.8	23.038976448	2.3038976448e+1
166.81	23.040357682	2.3040357682e+1
166.82	23.041738915	2.3041738915e+1
166.83	23.043120149	2.3043120149e+1
166.84	23.044501382	2.3044501382e+1
166.85	23.045882616	2.3045882616e+1
166.86	23.04726385	2.304726385e+1
166.87	23.048645083	2.3048645083e+1
166.88	23.050026317	2.3050026317e+1
166.89	23.05140755	2.305140755e+1
166.9	23.052788784	2.3052788784e+1
166.91	23.054170018	2.3054170018e+1
166.92	23.055551251	2.3055551251e+1
166.93	23.056932485	2.3056932485e+1
166.94	23.058313718	2.3058313718e+1
166.95	23.059694952	2.3059694952e+1
166.96	23.061076186	2.3061076186e+1

166.97	23.062457419	2.3062457419e+1
166.98	23.063838653	2.3063838653e+1
166.99	23.065219886	2.3065219886e+1
167	23.06660112	2.306660112e+1
167.01	23.067982354	2.3067982354e+1
167.02	23.069363587	2.3069363587e+1
167.03	23.070744821	2.3070744821e+1
167.04	23.072126054	2.3072126054e+1
167.05	23.073507288	2.3073507288e+1
167.06	23.074888522	2.3074888522e+1
167.07	23.076269755	2.3076269755e+1
167.08	23.077650989	2.3077650989e+1
167.09	23.079032222	2.3079032222e+1
167.1	23.080413456	2.3080413456e+1
167.11	23.08179469	2.308179469e+1
167.12	23.083175923	2.3083175923e+1
167.13	23.084557157	2.3084557157e+1
167.14	23.08593839	2.308593839e+1
167.15	23.087319624	2.3087319624e+1
167.16	23.088700858	2.3088700858e+1
167.17	23.090082091	2.3090082091e+1
167.18	23.091463325	2.3091463325e+1
167.19	23.092844558	2.3092844558e+1
167.2	23.094225792	2.3094225792e+1
167.21	23.095607026	2.3095607026e+1
167.22	23.096988259	2.3096988259e+1
167.23	23.098369493	2.3098369493e+1
167.24	23.099750726	2.3099750726e+1
167.25	23.10113196	2.310113196e+1
167.26	23.102513194	2.3102513194e+1
167.27	23.103894427	2.3103894427e+1
167.28	23.105275661	2.3105275661e+1
167.29	23.106656894	2.3106656894e+1
167.3	23.108038128	2.3108038128e+1
167.31	23.109419362	2.3109419362e+1
167.32	23.110800595	2.3110800595e+1
167.33	23.112181829	2.3112181829e+1
167.34	23.113563062	2.3113563062e+1

167.35	23.114944296	2.3114944296e+1
167.36	23.11632553	2.311632553e+1
167.37	23.117706763	2.3117706763e+1
167.38	23.119087997	2.3119087997e+1
167.39	23.12046923	2.312046923e+1
167.4	23.121850464	2.3121850464e+1
167.41	23.123231698	2.3123231698e+1
167.42	23.124612931	2.3124612931e+1
167.43	23.125994165	2.3125994165e+1
167.44	23.127375398	2.3127375398e+1
167.45	23.128756632	2.3128756632e+1
167.46	23.130137866	2.3130137866e+1
167.47	23.131519099	2.3131519099e+1
167.48	23.132900333	2.3132900333e+1
167.49	23.134281566	2.3134281566e+1
167.5	23.1356628	2.31356628e+1
167.51	23.137044034	2.3137044034e+1
167.52	23.138425267	2.3138425267e+1
167.53	23.139806501	2.3139806501e+1
167.54	23.141187734	2.3141187734e+1
167.55	23.142568968	2.3142568968e+1
167.56	23.143950202	2.3143950202e+1
167.57	23.145331435	2.3145331435e+1
167.58	23.146712669	2.3146712669e+1
167.59	23.148093902	2.3148093902e+1
167.6	23.149475136	2.3149475136e+1
167.61	23.15085637	2.315085637e+1
167.62	23.152237603	2.3152237603e+1
167.63	23.153618837	2.3153618837e+1
167.64	23.15500007	2.315500007e+1
167.65	23.156381304	2.3156381304e+1
167.66	23.157762538	2.3157762538e+1
167.67	23.159143771	2.3159143771e+1
167.68	23.160525005	2.3160525005e+1
167.69	23.161906238	2.3161906238e+1
167.7	23.163287472	2.3163287472e+1
167.71	23.164668706	2.3164668706e+1
167.72	23.166049939	2.3166049939e+1

167.73	23.167431173	2.3167431173e+1
167.74	23.168812406	2.3168812406e+1
167.75	23.17019364	2.317019364e+1
167.76	23.171574874	2.3171574874e+1
167.77	23.172956107	2.3172956107e+1
167.78	23.174337341	2.3174337341e+1
167.79	23.175718574	2.3175718574e+1
167.8	23.177099808	2.3177099808e+1
167.81	23.178481042	2.3178481042e+1
167.82	23.179862275	2.3179862275e+1
167.83	23.181243509	2.3181243509e+1
167.84	23.182624742	2.3182624742e+1
167.85	23.184005976	2.3184005976e+1
167.86	23.18538721	2.318538721e+1
167.87	23.186768443	2.3186768443e+1
167.88	23.188149677	2.3188149677e+1
167.89	23.18953091	2.318953091e+1
167.9	23.190912144	2.3190912144e+1
167.91	23.192293378	2.3192293378e+1
167.92	23.193674611	2.3193674611e+1
167.93	23.195055845	2.3195055845e+1
167.94	23.196437078	2.3196437078e+1
167.95	23.197818312	2.3197818312e+1
167.96	23.199199546	2.3199199546e+1
167.97	23.200580779	2.3200580779e+1
167.98	23.201962013	2.3201962013e+1
167.99	23.203343246	2.3203343246e+1
168	23.20472448	2.320472448e+1
168.01	23.206105714	2.3206105714e+1
168.02	23.207486947	2.3207486947e+1
168.03	23.208868181	2.3208868181e+1
168.04	23.210249414	2.3210249414e+1
168.05	23.211630648	2.3211630648e+1
168.06	23.213011882	2.3213011882e+1
168.07	23.214393115	2.3214393115e+1
168.08	23.215774349	2.3215774349e+1
168.09	23.217155582	2.3217155582e+1
168.1	23.218536816	2.3218536816e+1

168.11	23.21991805	2.321991805e+1
168.12	23.221299283	2.3221299283e+1
168.13	23.222680517	2.3222680517e+1
168.14	23.22406175	2.322406175e+1
168.15	23.225442984	2.3225442984e+1
168.16	23.226824218	2.3226824218e+1
168.17	23.228205451	2.3228205451e+1
168.18	23.229586685	2.3229586685e+1
168.19	23.230967918	2.3230967918e+1
168.2	23.232349152	2.3232349152e+1
168.21	23.233730386	2.3233730386e+1
168.22	23.235111619	2.3235111619e+1
168.23	23.236492853	2.3236492853e+1
168.24	23.237874086	2.3237874086e+1
168.25	23.23925532	2.323925532e+1
168.26	23.240636554	2.3240636554e+1
168.27	23.242017787	2.3242017787e+1
168.28	23.243399021	2.3243399021e+1
168.29	23.244780254	2.3244780254e+1
168.3	23.246161488	2.3246161488e+1
168.31	23.247542722	2.3247542722e+1
168.32	23.248923955	2.3248923955e+1
168.33	23.250305189	2.3250305189e+1
168.34	23.251686422	2.3251686422e+1
168.35	23.253067656	2.3253067656e+1
168.36	23.25444889	2.325444889e+1
168.37	23.255830123	2.3255830123e+1
168.38	23.257211357	2.3257211357e+1
168.39	23.25859259	2.325859259e+1
168.4	23.259973824	2.3259973824e+1
168.41	23.261355058	2.3261355058e+1
168.42	23.262736291	2.3262736291e+1
168.43	23.264117525	2.3264117525e+1
168.44	23.265498758	2.3265498758e+1
168.45	23.266879992	2.3266879992e+1
168.46	23.268261226	2.3268261226e+1
168.47	23.269642459	2.3269642459e+1
168.48	23.271023693	2.3271023693e+1

168.49	23.272404926	2.3272404926e+1
168.5	23.27378616	2.327378616e+1
168.51	23.275167394	2.3275167394e+1
168.52	23.276548627	2.3276548627e+1
168.53	23.277929861	2.3277929861e+1
168.54	23.279311094	2.3279311094e+1
168.55	23.280692328	2.3280692328e+1
168.56	23.282073562	2.3282073562e+1
168.57	23.283454795	2.3283454795e+1
168.58	23.284836029	2.3284836029e+1
168.59	23.286217262	2.3286217262e+1
168.6	23.287598496	2.3287598496e+1
168.61	23.28897973	2.328897973e+1
168.62	23.290360963	2.3290360963e+1
168.63	23.291742197	2.3291742197e+1
168.64	23.29312343	2.329312343e+1
168.65	23.294504664	2.3294504664e+1
168.66	23.295885898	2.3295885898e+1
168.67	23.297267131	2.3297267131e+1
168.68	23.298648365	2.3298648365e+1
168.69	23.300029598	2.3300029598e+1
168.7	23.301410832	2.3301410832e+1
168.71	23.302792066	2.3302792066e+1
168.72	23.304173299	2.3304173299e+1
168.73	23.305554533	2.3305554533e+1
168.74	23.306935766	2.3306935766e+1
168.75	23.308317	2.3308317e+1
168.76	23.309698234	2.3309698234e+1
168.77	23.311079467	2.3311079467e+1
168.78	23.312460701	2.3312460701e+1
168.79	23.313841934	2.3313841934e+1
168.8	23.315223168	2.3315223168e+1
168.81	23.316604402	2.3316604402e+1
168.82	23.317985635	2.3317985635e+1
168.83	23.319366869	2.3319366869e+1
168.84	23.320748102	2.3320748102e+1
168.85	23.322129336	2.3322129336e+1
168.86	23.32351057	2.332351057e+1

168.87	23.324891803	2.3324891803e+1
168.88	23.326273037	2.3326273037e+1
168.89	23.32765427	2.332765427e+1
168.9	23.329035504	2.3329035504e+1
168.91	23.330416738	2.3330416738e+1
168.92	23.331797971	2.3331797971e+1
168.93	23.333179205	2.3333179205e+1
168.94	23.334560438	2.3334560438e+1
168.95	23.335941672	2.3335941672e+1
168.96	23.337322906	2.3337322906e+1
168.97	23.338704139	2.3338704139e+1
168.98	23.340085373	2.3340085373e+1
168.99	23.341466606	2.3341466606e+1
169	23.34284784	2.334284784e+1
169.01	23.344229074	2.3344229074e+1
169.02	23.345610307	2.3345610307e+1
169.03	23.346991541	2.3346991541e+1
169.04	23.348372774	2.3348372774e+1
169.05	23.349754008	2.3349754008e+1
169.06	23.351135242	2.3351135242e+1
169.07	23.352516475	2.3352516475e+1
169.08	23.353897709	2.3353897709e+1
169.09	23.355278942	2.3355278942e+1
169.1	23.356660176	2.3356660176e+1
169.11	23.35804141	2.335804141e+1
169.12	23.359422643	2.3359422643e+1
169.13	23.360803877	2.3360803877e+1
169.14	23.36218511	2.336218511e+1
169.15	23.363566344	2.3363566344e+1
169.16	23.364947578	2.3364947578e+1
169.17	23.366328811	2.3366328811e+1
169.18	23.367710045	2.3367710045e+1
169.19	23.369091278	2.3369091278e+1
169.2	23.370472512	2.3370472512e+1
169.21	23.371853746	2.3371853746e+1
169.22	23.373234979	2.3373234979e+1
169.23	23.374616213	2.3374616213e+1
169.24	23.375997446	2.3375997446e+1

169.25	23.37737868	2.337737868e+1
169.26	23.378759914	2.3378759914e+1
169.27	23.380141147	2.3380141147e+1
169.28	23.381522381	2.3381522381e+1
169.29	23.382903614	2.3382903614e+1
169.3	23.384284848	2.3384284848e+1
169.31	23.385666082	2.3385666082e+1
169.32	23.387047315	2.3387047315e+1
169.33	23.388428549	2.3388428549e+1
169.34	23.389809782	2.3389809782e+1
169.35	23.391191016	2.3391191016e+1
169.36	23.39257225	2.339257225e+1
169.37	23.393953483	2.3393953483e+1
169.38	23.395334717	2.3395334717e+1
169.39	23.39671595	2.339671595e+1
169.4	23.398097184	2.3398097184e+1
169.41	23.399478418	2.3399478418e+1
169.42	23.400859651	2.3400859651e+1
169.43	23.402240885	2.3402240885e+1
169.44	23.403622118	2.3403622118e+1
169.45	23.405003352	2.3405003352e+1
169.46	23.406384586	2.3406384586e+1
169.47	23.407765819	2.3407765819e+1
169.48	23.409147053	2.3409147053e+1
169.49	23.410528286	2.3410528286e+1
169.5	23.41190952	2.341190952e+1
169.51	23.413290754	2.3413290754e+1
169.52	23.414671987	2.3414671987e+1
169.53	23.416053221	2.3416053221e+1
169.54	23.417434454	2.3417434454e+1
169.55	23.418815688	2.3418815688e+1
169.56	23.420196922	2.3420196922e+1
169.57	23.421578155	2.3421578155e+1
169.58	23.422959389	2.3422959389e+1
169.59	23.424340622	2.3424340622e+1
169.6	23.425721856	2.3425721856e+1
169.61	23.42710309	2.342710309e+1
169.62	23.428484323	2.3428484323e+1

169.63	23.429865557	2.3429865557e+1
169.64	23.43124679	2.343124679e+1
169.65	23.432628024	2.3432628024e+1
169.66	23.434009258	2.3434009258e+1
169.67	23.435390491	2.3435390491e+1
169.68	23.436771725	2.3436771725e+1
169.69	23.438152958	2.3438152958e+1
169.7	23.439534192	2.3439534192e+1
169.71	23.440915426	2.3440915426e+1
169.72	23.442296659	2.3442296659e+1
169.73	23.443677893	2.3443677893e+1
169.74	23.445059126	2.3445059126e+1
169.75	23.44644036	2.344644036e+1
169.76	23.447821594	2.3447821594e+1
169.77	23.449202827	2.3449202827e+1
169.78	23.450584061	2.3450584061e+1
169.79	23.451965294	2.3451965294e+1
169.8	23.453346528	2.3453346528e+1
169.81	23.454727762	2.3454727762e+1
169.82	23.456108995	2.3456108995e+1
169.83	23.457490229	2.3457490229e+1
169.84	23.458871462	2.3458871462e+1
169.85	23.460252696	2.3460252696e+1
169.86	23.46163393	2.346163393e+1
169.87	23.463015163	2.3463015163e+1
169.88	23.464396397	2.3464396397e+1
169.89	23.46577763	2.346577763e+1
169.9	23.467158864	2.3467158864e+1
169.91	23.468540098	2.3468540098e+1
169.92	23.469921331	2.3469921331e+1
169.93	23.471302565	2.3471302565e+1
169.94	23.472683798	2.3472683798e+1
169.95	23.474065032	2.3474065032e+1
169.96	23.475446266	2.3475446266e+1
169.97	23.476827499	2.3476827499e+1
169.98	23.478208733	2.3478208733e+1
169.99	23.479589966	2.3479589966e+1
170	23.4809712	2.34809712e+1

170.01	23.482352434	2.3482352434e+1
170.02	23.483733667	2.3483733667e+1
170.03	23.485114901	2.3485114901e+1
170.04	23.486496134	2.3486496134e+1
170.05	23.487877368	2.3487877368e+1
170.06	23.489258602	2.3489258602e+1
170.07	23.490639835	2.3490639835e+1
170.08	23.492021069	2.3492021069e+1
170.09	23.493402302	2.3493402302e+1
170.1	23.494783536	2.3494783536e+1
170.11	23.49616477	2.349616477e+1
170.12	23.497546003	2.3497546003e+1
170.13	23.498927237	2.3498927237e+1
170.14	23.50030847	2.350030847e+1
170.15	23.501689704	2.3501689704e+1
170.16	23.503070938	2.3503070938e+1
170.17	23.504452171	2.3504452171e+1
170.18	23.505833405	2.3505833405e+1
170.19	23.507214638	2.3507214638e+1
170.2	23.508595872	2.3508595872e+1
170.21	23.509977106	2.3509977106e+1
170.22	23.511358339	2.3511358339e+1
170.23	23.512739573	2.3512739573e+1
170.24	23.514120806	2.3514120806e+1
170.25	23.51550204	2.351550204e+1
170.26	23.516883274	2.3516883274e+1
170.27	23.518264507	2.3518264507e+1
170.28	23.519645741	2.3519645741e+1
170.29	23.521026974	2.3521026974e+1
170.3	23.522408208	2.3522408208e+1
170.31	23.523789442	2.3523789442e+1
170.32	23.525170675	2.3525170675e+1
170.33	23.526551909	2.3526551909e+1
170.34	23.527933142	2.3527933142e+1
170.35	23.529314376	2.3529314376e+1
170.36	23.53069561	2.353069561e+1
170.37	23.532076843	2.3532076843e+1
170.38	23.533458077	2.3533458077e+1

170.39	23.53483931	2.353483931e+1
170.4	23.536220544	2.3536220544e+1
170.41	23.537601778	2.3537601778e+1
170.42	23.538983011	2.3538983011e+1
170.43	23.540364245	2.3540364245e+1
170.44	23.541745478	2.3541745478e+1
170.45	23.543126712	2.3543126712e+1
170.46	23.544507946	2.3544507946e+1
170.47	23.545889179	2.3545889179e+1
170.48	23.547270413	2.3547270413e+1
170.49	23.548651646	2.3548651646e+1
170.5	23.55003288	2.355003288e+1
170.51	23.551414114	2.3551414114e+1
170.52	23.552795347	2.3552795347e+1
170.53	23.554176581	2.3554176581e+1
170.54	23.555557814	2.3555557814e+1
170.55	23.556939048	2.3556939048e+1
170.56	23.558320282	2.3558320282e+1
170.57	23.559701515	2.3559701515e+1
170.58	23.561082749	2.3561082749e+1
170.59	23.562463982	2.3562463982e+1
170.6	23.563845216	2.3563845216e+1
170.61	23.56522645	2.356522645e+1
170.62	23.566607683	2.3566607683e+1
170.63	23.567988917	2.3567988917e+1
170.64	23.56937015	2.356937015e+1
170.65	23.570751384	2.3570751384e+1
170.66	23.572132618	2.3572132618e+1
170.67	23.573513851	2.3573513851e+1
170.68	23.574895085	2.3574895085e+1
170.69	23.576276318	2.3576276318e+1
170.7	23.577657552	2.3577657552e+1
170.71	23.579038786	2.3579038786e+1
170.72	23.580420019	2.3580420019e+1
170.73	23.581801253	2.3581801253e+1
170.74	23.583182486	2.3583182486e+1
170.75	23.58456372	2.358456372e+1
170.76	23.585944954	2.3585944954e+1

170.77	23.587326187	2.3587326187e+1
170.78	23.588707421	2.3588707421e+1
170.79	23.590088654	2.3590088654e+1
170.8	23.591469888	2.3591469888e+1
170.81	23.592851122	2.3592851122e+1
170.82	23.594232355	2.3594232355e+1
170.83	23.595613589	2.3595613589e+1
170.84	23.596994822	2.3596994822e+1
170.85	23.598376056	2.3598376056e+1
170.86	23.59975729	2.359975729e+1
170.87	23.601138523	2.3601138523e+1
170.88	23.602519757	2.3602519757e+1
170.89	23.60390099	2.360390099e+1
170.9	23.605282224	2.3605282224e+1
170.91	23.606663458	2.3606663458e+1
170.92	23.608044691	2.3608044691e+1
170.93	23.609425925	2.3609425925e+1
170.94	23.610807158	2.3610807158e+1
170.95	23.612188392	2.3612188392e+1
170.96	23.613569626	2.3613569626e+1
170.97	23.614950859	2.3614950859e+1
170.98	23.616332093	2.3616332093e+1
170.99	23.617713326	2.3617713326e+1
171	23.61909456	2.361909456e+1
171.01	23.620475794	2.3620475794e+1
171.02	23.621857027	2.3621857027e+1
171.03	23.623238261	2.3623238261e+1
171.04	23.624619494	2.3624619494e+1
171.05	23.626000728	2.3626000728e+1
171.06	23.627381962	2.3627381962e+1
171.07	23.628763195	2.3628763195e+1
171.08	23.630144429	2.3630144429e+1
171.09	23.631525662	2.3631525662e+1
171.1	23.632906896	2.3632906896e+1
171.11	23.63428813	2.363428813e+1
171.12	23.635669363	2.3635669363e+1
171.13	23.637050597	2.3637050597e+1
171.14	23.63843183	2.363843183e+1

171.15	23.639813064	2.3639813064e+1
171.16	23.641194298	2.3641194298e+1
171.17	23.642575531	2.3642575531e+1
171.18	23.643956765	2.3643956765e+1
171.19	23.645337998	2.3645337998e+1
171.2	23.646719232	2.3646719232e+1
171.21	23.648100466	2.3648100466e+1
171.22	23.649481699	2.3649481699e+1
171.23	23.650862933	2.3650862933e+1
171.24	23.652244166	2.3652244166e+1
171.25	23.6536254	2.36536254e+1
171.26	23.655006634	2.3655006634e+1
171.27	23.656387867	2.3656387867e+1
171.28	23.657769101	2.3657769101e+1
171.29	23.659150334	2.3659150334e+1
171.3	23.660531568	2.3660531568e+1
171.31	23.661912802	2.3661912802e+1
171.32	23.663294035	2.3663294035e+1
171.33	23.664675269	2.3664675269e+1
171.34	23.666056502	2.3666056502e+1
171.35	23.667437736	2.3667437736e+1
171.36	23.66881897	2.366881897e+1
171.37	23.670200203	2.3670200203e+1
171.38	23.671581437	2.3671581437e+1
171.39	23.67296267	2.367296267e+1
171.4	23.674343904	2.3674343904e+1
171.41	23.675725138	2.3675725138e+1
171.42	23.677106371	2.3677106371e+1
171.43	23.678487605	2.3678487605e+1
171.44	23.679868838	2.3679868838e+1
171.45	23.681250072	2.3681250072e+1
171.46	23.682631306	2.3682631306e+1
171.47	23.684012539	2.3684012539e+1
171.48	23.685393773	2.3685393773e+1
171.49	23.686775006	2.3686775006e+1
171.5	23.68815624	2.368815624e+1
171.51	23.689537474	2.3689537474e+1
171.52	23.690918707	2.3690918707e+1

171.53	23.692299941	2.3692299941e+1
171.54	23.693681174	2.3693681174e+1
171.55	23.695062408	2.3695062408e+1
171.56	23.696443642	2.3696443642e+1
171.57	23.697824875	2.3697824875e+1
171.58	23.699206109	2.3699206109e+1
171.59	23.700587342	2.3700587342e+1
171.6	23.701968576	2.3701968576e+1
171.61	23.70334981	2.370334981e+1
171.62	23.704731043	2.3704731043e+1
171.63	23.706112277	2.3706112277e+1
171.64	23.70749351	2.370749351e+1
171.65	23.708874744	2.3708874744e+1
171.66	23.710255978	2.3710255978e+1
171.67	23.711637211	2.3711637211e+1
171.68	23.713018445	2.3713018445e+1
171.69	23.714399678	2.3714399678e+1
171.7	23.715780912	2.3715780912e+1
171.71	23.717162146	2.3717162146e+1
171.72	23.718543379	2.3718543379e+1
171.73	23.719924613	2.3719924613e+1
171.74	23.721305846	2.3721305846e+1
171.75	23.72268708	2.372268708e+1
171.76	23.724068314	2.3724068314e+1
171.77	23.725449547	2.3725449547e+1
171.78	23.726830781	2.3726830781e+1
171.79	23.728212014	2.3728212014e+1
171.8	23.729593248	2.3729593248e+1
171.81	23.730974482	2.3730974482e+1
171.82	23.732355715	2.3732355715e+1
171.83	23.733736949	2.3733736949e+1
171.84	23.735118182	2.3735118182e+1
171.85	23.736499416	2.3736499416e+1
171.86	23.73788065	2.373788065e+1
171.87	23.739261883	2.3739261883e+1
171.88	23.740643117	2.3740643117e+1
171.89	23.74202435	2.374202435e+1
171.9	23.743405584	2.3743405584e+1

171.91	23.744786818	2.3744786818e+1
171.92	23.746168051	2.3746168051e+1
171.93	23.747549285	2.3747549285e+1
171.94	23.748930518	2.3748930518e+1
171.95	23.750311752	2.3750311752e+1
171.96	23.751692986	2.3751692986e+1
171.97	23.753074219	2.3753074219e+1
171.98	23.754455453	2.3754455453e+1
171.99	23.755836686	2.3755836686e+1
172	23.75721792	2.375721792e+1
172.01	23.758599154	2.3758599154e+1
172.02	23.759980387	2.3759980387e+1
172.03	23.761361621	2.3761361621e+1
172.04	23.762742854	2.3762742854e+1
172.05	23.764124088	2.3764124088e+1
172.06	23.765505322	2.3765505322e+1
172.07	23.766886555	2.3766886555e+1
172.08	23.768267789	2.3768267789e+1
172.09	23.769649022	2.3769649022e+1
172.1	23.771030256	2.3771030256e+1
172.11	23.77241149	2.377241149e+1
172.12	23.773792723	2.3773792723e+1
172.13	23.775173957	2.3775173957e+1
172.14	23.77655519	2.377655519e+1
172.15	23.777936424	2.3777936424e+1
172.16	23.779317658	2.3779317658e+1
172.17	23.780698891	2.3780698891e+1
172.18	23.782080125	2.3782080125e+1
172.19	23.783461358	2.3783461358e+1
172.2	23.784842592	2.3784842592e+1
172.21	23.786223826	2.3786223826e+1
172.22	23.787605059	2.3787605059e+1
172.23	23.788986293	2.3788986293e+1
172.24	23.790367526	2.3790367526e+1
172.25	23.79174876	2.379174876e+1
172.26	23.793129994	2.3793129994e+1
172.27	23.794511227	2.3794511227e+1
172.28	23.795892461	2.3795892461e+1

172.29	23.797273694	2.3797273694e+1
172.3	23.798654928	2.3798654928e+1
172.31	23.800036162	2.3800036162e+1
172.32	23.801417395	2.3801417395e+1
172.33	23.802798629	2.3802798629e+1
172.34	23.804179862	2.3804179862e+1
172.35	23.805561096	2.3805561096e+1
172.36	23.80694233	2.380694233e+1
172.37	23.808323563	2.3808323563e+1
172.38	23.809704797	2.3809704797e+1
172.39	23.81108603	2.381108603e+1
172.4	23.812467264	2.3812467264e+1
172.41	23.813848498	2.3813848498e+1
172.42	23.815229731	2.3815229731e+1
172.43	23.816610965	2.3816610965e+1
172.44	23.817992198	2.3817992198e+1
172.45	23.819373432	2.3819373432e+1
172.46	23.820754666	2.3820754666e+1
172.47	23.822135899	2.3822135899e+1
172.48	23.823517133	2.3823517133e+1
172.49	23.824898366	2.3824898366e+1
172.5	23.8262796	2.38262796e+1
172.51	23.827660834	2.3827660834e+1
172.52	23.829042067	2.3829042067e+1
172.53	23.830423301	2.3830423301e+1
172.54	23.831804534	2.3831804534e+1
172.55	23.833185768	2.3833185768e+1
172.56	23.834567002	2.3834567002e+1
172.57	23.835948235	2.3835948235e+1
172.58	23.837329469	2.3837329469e+1
172.59	23.838710702	2.3838710702e+1
172.6	23.840091936	2.3840091936e+1
172.61	23.84147317	2.384147317e+1
172.62	23.842854403	2.3842854403e+1
172.63	23.844235637	2.3844235637e+1
172.64	23.84561687	2.384561687e+1
172.65	23.846998104	2.3846998104e+1
172.66	23.848379338	2.3848379338e+1

172.67	23.849760571	2.3849760571e+1
172.68	23.851141805	2.3851141805e+1
172.69	23.852523038	2.3852523038e+1
172.7	23.853904272	2.3853904272e+1
172.71	23.855285506	2.3855285506e+1
172.72	23.856666739	2.3856666739e+1
172.73	23.858047973	2.3858047973e+1
172.74	23.859429206	2.3859429206e+1
172.75	23.86081044	2.386081044e+1
172.76	23.862191674	2.3862191674e+1
172.77	23.863572907	2.3863572907e+1
172.78	23.864954141	2.3864954141e+1
172.79	23.866335374	2.3866335374e+1
172.8	23.867716608	2.3867716608e+1
172.81	23.869097842	2.3869097842e+1
172.82	23.870479075	2.3870479075e+1
172.83	23.871860309	2.3871860309e+1
172.84	23.873241542	2.3873241542e+1
172.85	23.874622776	2.3874622776e+1
172.86	23.87600401	2.387600401e+1
172.87	23.877385243	2.3877385243e+1
172.88	23.878766477	2.3878766477e+1
172.89	23.88014771	2.388014771e+1
172.9	23.881528944	2.3881528944e+1
172.91	23.882910178	2.3882910178e+1
172.92	23.884291411	2.3884291411e+1
172.93	23.885672645	2.3885672645e+1
172.94	23.887053878	2.3887053878e+1
172.95	23.888435112	2.3888435112e+1
172.96	23.889816346	2.3889816346e+1
172.97	23.891197579	2.3891197579e+1
172.98	23.892578813	2.3892578813e+1
172.99	23.893960046	2.3893960046e+1
173	23.89534128	2.389534128e+1
173.01	23.896722514	2.3896722514e+1
173.02	23.898103747	2.3898103747e+1
173.03	23.899484981	2.3899484981e+1
173.04	23.900866214	2.3900866214e+1

173.05	23.902247448	2.3902247448e+1
173.06	23.903628682	2.3903628682e+1
173.07	23.905009915	2.3905009915e+1
173.08	23.906391149	2.3906391149e+1
173.09	23.907772382	2.3907772382e+1
173.1	23.909153616	2.3909153616e+1
173.11	23.91053485	2.391053485e+1
173.12	23.911916083	2.3911916083e+1
173.13	23.913297317	2.3913297317e+1
173.14	23.91467855	2.391467855e+1
173.15	23.916059784	2.3916059784e+1
173.16	23.917441018	2.3917441018e+1
173.17	23.918822251	2.3918822251e+1
173.18	23.920203485	2.3920203485e+1
173.19	23.921584718	2.3921584718e+1
173.2	23.922965952	2.3922965952e+1
173.21	23.924347186	2.3924347186e+1
173.22	23.925728419	2.3925728419e+1
173.23	23.927109653	2.3927109653e+1
173.24	23.928490886	2.3928490886e+1
173.25	23.92987212	2.392987212e+1
173.26	23.931253354	2.3931253354e+1
173.27	23.932634587	2.3932634587e+1
173.28	23.934015821	2.3934015821e+1
173.29	23.935397054	2.3935397054e+1
173.3	23.936778288	2.3936778288e+1
173.31	23.938159522	2.3938159522e+1
173.32	23.939540755	2.3939540755e+1
173.33	23.940921989	2.3940921989e+1
173.34	23.942303222	2.3942303222e+1
173.35	23.943684456	2.3943684456e+1
173.36	23.94506569	2.394506569e+1
173.37	23.946446923	2.3946446923e+1
173.38	23.947828157	2.3947828157e+1
173.39	23.94920939	2.394920939e+1
173.4	23.950590624	2.3950590624e+1
173.41	23.951971858	2.3951971858e+1
173.42	23.953353091	2.3953353091e+1

173.43	23.954734325	2.3954734325e+1
173.44	23.956115558	2.3956115558e+1
173.45	23.957496792	2.3957496792e+1
173.46	23.958878026	2.3958878026e+1
173.47	23.960259259	2.3960259259e+1
173.48	23.961640493	2.3961640493e+1
173.49	23.963021726	2.3963021726e+1
173.5	23.96440296	2.396440296e+1
173.51	23.965784194	2.3965784194e+1
173.52	23.967165427	2.3967165427e+1
173.53	23.968546661	2.3968546661e+1
173.54	23.969927894	2.3969927894e+1
173.55	23.971309128	2.3971309128e+1
173.56	23.972690362	2.3972690362e+1
173.57	23.974071595	2.3974071595e+1
173.58	23.975452829	2.3975452829e+1
173.59	23.976834062	2.3976834062e+1
173.6	23.978215296	2.3978215296e+1
173.61	23.97959653	2.397959653e+1
173.62	23.980977763	2.3980977763e+1
173.63	23.982358997	2.3982358997e+1
173.64	23.98374023	2.398374023e+1
173.65	23.985121464	2.3985121464e+1
173.66	23.986502698	2.3986502698e+1
173.67	23.987883931	2.3987883931e+1
173.68	23.989265165	2.3989265165e+1
173.69	23.990646398	2.3990646398e+1
173.7	23.992027632	2.3992027632e+1
173.71	23.993408866	2.3993408866e+1
173.72	23.994790099	2.3994790099e+1
173.73	23.996171333	2.3996171333e+1
173.74	23.997552566	2.3997552566e+1
173.75	23.9989338	2.39989338e+1
173.76	24.000315034	2.4000315034e+1
173.77	24.001696267	2.4001696267e+1
173.78	24.003077501	2.4003077501e+1
173.79	24.004458734	2.4004458734e+1
173.8	24.005839968	2.4005839968e+1

173.81	24.007221202	2.4007221202e+1
173.82	24.008602435	2.4008602435e+1
173.83	24.009983669	2.4009983669e+1
173.84	24.011364902	2.4011364902e+1
173.85	24.012746136	2.4012746136e+1
173.86	24.01412737	2.401412737e+1
173.87	24.015508603	2.4015508603e+1
173.88	24.016889837	2.4016889837e+1
173.89	24.01827107	2.401827107e+1
173.9	24.019652304	2.4019652304e+1
173.91	24.021033538	2.4021033538e+1
173.92	24.022414771	2.4022414771e+1
173.93	24.023796005	2.4023796005e+1
173.94	24.025177238	2.4025177238e+1
173.95	24.026558472	2.4026558472e+1
173.96	24.027939706	2.4027939706e+1
173.97	24.029320939	2.4029320939e+1
173.98	24.030702173	2.4030702173e+1
173.99	24.032083406	2.4032083406e+1
174	24.03346464	2.403346464e+1
174.01	24.034845874	2.4034845874e+1
174.02	24.036227107	2.4036227107e+1
174.03	24.037608341	2.4037608341e+1
174.04	24.038989574	2.4038989574e+1
174.05	24.040370808	2.4040370808e+1
174.06	24.041752042	2.4041752042e+1
174.07	24.043133275	2.4043133275e+1
174.08	24.044514509	2.4044514509e+1
174.09	24.045895742	2.4045895742e+1
174.1	24.047276976	2.4047276976e+1
174.11	24.04865821	2.404865821e+1
174.12	24.050039443	2.4050039443e+1
174.13	24.051420677	2.4051420677e+1
174.14	24.05280191	2.405280191e+1
174.15	24.054183144	2.4054183144e+1
174.16	24.055564378	2.405564378e+1
174.17	24.056945611	2.4056945611e+1
174.18	24.058326845	2.4058326845e+1

174.19	24.059708078	2.4059708078e+1
174.2	24.061089312	2.4061089312e+1
174.21	24.062470546	2.4062470546e+1
174.22	24.063851779	2.4063851779e+1
174.23	24.065233013	2.4065233013e+1
174.24	24.066614246	2.4066614246e+1
174.25	24.06799548	2.406799548e+1
174.26	24.069376714	2.4069376714e+1
174.27	24.070757947	2.4070757947e+1
174.28	24.072139181	2.4072139181e+1
174.29	24.073520414	2.4073520414e+1
174.3	24.074901648	2.4074901648e+1
174.31	24.076282882	2.4076282882e+1
174.32	24.077664115	2.4077664115e+1
174.33	24.079045349	2.4079045349e+1
174.34	24.080426582	2.4080426582e+1
174.35	24.081807816	2.4081807816e+1
174.36	24.08318905	2.408318905e+1
174.37	24.084570283	2.4084570283e+1
174.38	24.085951517	2.4085951517e+1
174.39	24.08733275	2.408733275e+1
174.4	24.088713984	2.4088713984e+1
174.41	24.090095218	2.4090095218e+1
174.42	24.091476451	2.4091476451e+1
174.43	24.092857685	2.4092857685e+1
174.44	24.094238918	2.4094238918e+1
174.45	24.095620152	2.4095620152e+1
174.46	24.097001386	2.4097001386e+1
174.47	24.098382619	2.4098382619e+1
174.48	24.099763853	2.4099763853e+1
174.49	24.101145086	2.4101145086e+1
174.5	24.10252632	2.410252632e+1
174.51	24.103907554	2.4103907554e+1
174.52	24.105288787	2.4105288787e+1
174.53	24.106670021	2.4106670021e+1
174.54	24.108051254	2.4108051254e+1
174.55	24.109432488	2.4109432488e+1
174.56	24.110813722	2.4110813722e+1

174.57	24.112194955	2.4112194955e+1
174.58	24.113576189	2.4113576189e+1
174.59	24.114957422	2.4114957422e+1
174.6	24.116338656	2.4116338656e+1
174.61	24.11771989	2.411771989e+1
174.62	24.119101123	2.4119101123e+1
174.63	24.120482357	2.4120482357e+1
174.64	24.12186359	2.412186359e+1
174.65	24.123244824	2.4123244824e+1
174.66	24.124626058	2.4124626058e+1
174.67	24.126007291	2.4126007291e+1
174.68	24.127388525	2.4127388525e+1
174.69	24.128769758	2.4128769758e+1
174.7	24.130150992	2.4130150992e+1
174.71	24.131532226	2.4131532226e+1
174.72	24.132913459	2.4132913459e+1
174.73	24.134294693	2.4134294693e+1
174.74	24.135675926	2.4135675926e+1
174.75	24.13705716	2.413705716e+1
174.76	24.138438394	2.4138438394e+1
174.77	24.139819627	2.4139819627e+1
174.78	24.141200861	2.4141200861e+1
174.79	24.142582094	2.4142582094e+1
174.8	24.143963328	2.4143963328e+1
174.81	24.145344562	2.4145344562e+1
174.82	24.146725795	2.4146725795e+1
174.83	24.148107029	2.4148107029e+1
174.84	24.149488262	2.4149488262e+1
174.85	24.150869496	2.4150869496e+1
174.86	24.15225073	2.415225073e+1
174.87	24.153631963	2.4153631963e+1
174.88	24.155013197	2.4155013197e+1
174.89	24.15639443	2.415639443e+1
174.9	24.157775664	2.4157775664e+1
174.91	24.159156898	2.4159156898e+1
174.92	24.160538131	2.4160538131e+1
174.93	24.161919365	2.4161919365e+1
174.94	24.163300598	2.4163300598e+1

174.95	24.164681832	2.4164681832e+1
174.96	24.166063066	2.4166063066e+1
174.97	24.167444299	2.4167444299e+1
174.98	24.168825533	2.4168825533e+1
174.99	24.170206766	2.4170206766e+1
175	24.171588	2.4171588e+1
175.01	24.172969234	2.4172969234e+1
175.02	24.174350467	2.4174350467e+1
175.03	24.175731701	2.4175731701e+1
175.04	24.177112934	2.4177112934e+1
175.05	24.178494168	2.4178494168e+1
175.06	24.179875402	2.4179875402e+1
175.07	24.181256635	2.4181256635e+1
175.08	24.182637869	2.4182637869e+1
175.09	24.184019102	2.4184019102e+1
175.1	24.185400336	2.4185400336e+1
175.11	24.18678157	2.418678157e+1
175.12	24.188162803	2.4188162803e+1
175.13	24.189544037	2.4189544037e+1
175.14	24.19092527	2.419092527e+1
175.15	24.192306504	2.4192306504e+1
175.16	24.193687738	2.4193687738e+1
175.17	24.195068971	2.4195068971e+1
175.18	24.196450205	2.4196450205e+1
175.19	24.197831438	2.4197831438e+1
175.2	24.199212672	2.4199212672e+1
175.21	24.200593906	2.4200593906e+1
175.22	24.201975139	2.4201975139e+1
175.23	24.203356373	2.4203356373e+1
175.24	24.204737606	2.4204737606e+1
175.25	24.20611884	2.420611884e+1
175.26	24.207500074	2.4207500074e+1
175.27	24.208881307	2.4208881307e+1
175.28	24.210262541	2.4210262541e+1
175.29	24.211643774	2.4211643774e+1
175.3	24.213025008	2.4213025008e+1
175.31	24.214406242	2.4214406242e+1
175.32	24.215787475	2.4215787475e+1

175.33	24.217168709	2.4217168709e+1
175.34	24.218549942	2.4218549942e+1
175.35	24.219931176	2.4219931176e+1
175.36	24.22131241	2.422131241e+1
175.37	24.222693643	2.4222693643e+1
175.38	24.224074877	2.4224074877e+1
175.39	24.22545611	2.422545611e+1
175.4	24.226837344	2.4226837344e+1
175.41	24.228218578	2.4228218578e+1
175.42	24.229599811	2.4229599811e+1
175.43	24.230981045	2.4230981045e+1
175.44	24.232362278	2.4232362278e+1
175.45	24.233743512	2.4233743512e+1
175.46	24.235124746	2.4235124746e+1
175.47	24.236505979	2.4236505979e+1
175.48	24.237887213	2.4237887213e+1
175.49	24.239268446	2.4239268446e+1
175.5	24.24064968	2.424064968e+1
175.51	24.242030914	2.4242030914e+1
175.52	24.243412147	2.4243412147e+1
175.53	24.244793381	2.4244793381e+1
175.54	24.246174614	2.4246174614e+1
175.55	24.247555848	2.4247555848e+1
175.56	24.248937082	2.4248937082e+1
175.57	24.250318315	2.4250318315e+1
175.58	24.251699549	2.4251699549e+1
175.59	24.253080782	2.4253080782e+1
175.6	24.254462016	2.4254462016e+1
175.61	24.25584325	2.425584325e+1
175.62	24.257224483	2.4257224483e+1
175.63	24.258605717	2.4258605717e+1
175.64	24.25998695	2.425998695e+1
175.65	24.261368184	2.4261368184e+1
175.66	24.262749418	2.4262749418e+1
175.67	24.264130651	2.4264130651e+1
175.68	24.265511885	2.4265511885e+1
175.69	24.266893118	2.4266893118e+1
175.7	24.268274352	2.4268274352e+1

175.71	24.269655586	2.4269655586e+1
175.72	24.271036819	2.4271036819e+1
175.73	24.272418053	2.4272418053e+1
175.74	24.273799286	2.4273799286e+1
175.75	24.27518052	2.427518052e+1
175.76	24.276561754	2.4276561754e+1
175.77	24.277942987	2.4277942987e+1
175.78	24.279324221	2.4279324221e+1
175.79	24.280705454	2.4280705454e+1
175.8	24.282086688	2.4282086688e+1
175.81	24.283467922	2.4283467922e+1
175.82	24.284849155	2.4284849155e+1
175.83	24.286230389	2.4286230389e+1
175.84	24.287611622	2.4287611622e+1
175.85	24.288992856	2.4288992856e+1
175.86	24.29037409	2.429037409e+1
175.87	24.291755323	2.4291755323e+1
175.88	24.293136557	2.4293136557e+1
175.89	24.29451779	2.429451779e+1
175.9	24.295899024	2.4295899024e+1
175.91	24.297280258	2.4297280258e+1
175.92	24.298661491	2.4298661491e+1
175.93	24.300042725	2.4300042725e+1
175.94	24.301423958	2.4301423958e+1
175.95	24.302805192	2.4302805192e+1
175.96	24.304186426	2.4304186426e+1
175.97	24.305567659	2.4305567659e+1
175.98	24.306948893	2.4306948893e+1
175.99	24.308330126	2.4308330126e+1
176	24.30971136	2.430971136e+1
176.01	24.311092594	2.4311092594e+1
176.02	24.312473827	2.4312473827e+1
176.03	24.313855061	2.4313855061e+1
176.04	24.315236294	2.4315236294e+1
176.05	24.316617528	2.4316617528e+1
176.06	24.317998762	2.4317998762e+1
176.07	24.319379995	2.4319379995e+1
176.08	24.320761229	2.4320761229e+1

176.09	24.322142462	2.4322142462e+1
176.1	24.323523696	2.4323523696e+1
176.11	24.32490493	2.432490493e+1
176.12	24.326286163	2.4326286163e+1
176.13	24.327667397	2.4327667397e+1
176.14	24.32904863	2.432904863e+1
176.15	24.330429864	2.4330429864e+1
176.16	24.331811098	2.4331811098e+1
176.17	24.333192331	2.4333192331e+1
176.18	24.334573565	2.4334573565e+1
176.19	24.335954798	2.4335954798e+1
176.2	24.337336032	2.4337336032e+1
176.21	24.338717266	2.4338717266e+1
176.22	24.340098499	2.4340098499e+1
176.23	24.341479733	2.4341479733e+1
176.24	24.342860966	2.4342860966e+1
176.25	24.3442422	2.43442422e+1
176.26	24.345623434	2.4345623434e+1
176.27	24.347004667	2.4347004667e+1
176.28	24.348385901	2.4348385901e+1
176.29	24.349767134	2.4349767134e+1
176.3	24.351148368	2.4351148368e+1
176.31	24.352529602	2.4352529602e+1
176.32	24.353910835	2.4353910835e+1
176.33	24.355292069	2.4355292069e+1
176.34	24.356673302	2.4356673302e+1
176.35	24.358054536	2.4358054536e+1
176.36	24.35943577	2.435943577e+1
176.37	24.360817003	2.4360817003e+1
176.38	24.362198237	2.4362198237e+1
176.39	24.36357947	2.436357947e+1
176.4	24.364960704	2.4364960704e+1
176.41	24.366341938	2.4366341938e+1
176.42	24.367723171	2.4367723171e+1
176.43	24.369104405	2.4369104405e+1
176.44	24.370485638	2.4370485638e+1
176.45	24.371866872	2.4371866872e+1
176.46	24.373248106	2.4373248106e+1

176.47	24.374629339	2.4374629339e+1
176.48	24.376010573	2.4376010573e+1
176.49	24.377391806	2.4377391806e+1
176.5	24.37877304	2.437877304e+1
176.51	24.380154274	2.4380154274e+1
176.52	24.381535507	2.4381535507e+1
176.53	24.382916741	2.4382916741e+1
176.54	24.384297974	2.4384297974e+1
176.55	24.385679208	2.4385679208e+1
176.56	24.387060442	2.4387060442e+1
176.57	24.388441675	2.4388441675e+1
176.58	24.389822909	2.4389822909e+1
176.59	24.391204142	2.4391204142e+1
176.6	24.392585376	2.4392585376e+1
176.61	24.39396661	2.439396661e+1
176.62	24.395347843	2.4395347843e+1
176.63	24.396729077	2.4396729077e+1
176.64	24.39811031	2.439811031e+1
176.65	24.399491544	2.4399491544e+1
176.66	24.400872778	2.4400872778e+1
176.67	24.402254011	2.4402254011e+1
176.68	24.403635245	2.4403635245e+1
176.69	24.405016478	2.4405016478e+1
176.7	24.406397712	2.4406397712e+1
176.71	24.407778946	2.4407778946e+1
176.72	24.409160179	2.4409160179e+1
176.73	24.410541413	2.4410541413e+1
176.74	24.411922646	2.4411922646e+1
176.75	24.41330388	2.441330388e+1
176.76	24.414685114	2.4414685114e+1
176.77	24.416066347	2.4416066347e+1
176.78	24.417447581	2.4417447581e+1
176.79	24.418828814	2.4418828814e+1
176.8	24.420210048	2.4420210048e+1
176.81	24.421591282	2.4421591282e+1
176.82	24.422972515	2.4422972515e+1
176.83	24.424353749	2.4424353749e+1
176.84	24.425734982	2.4425734982e+1

176.85	24.427116216	2.4427116216e+1
176.86	24.42849745	2.442849745e+1
176.87	24.429878683	2.4429878683e+1
176.88	24.431259917	2.4431259917e+1
176.89	24.43264115	2.443264115e+1
176.9	24.434022384	2.4434022384e+1
176.91	24.435403618	2.4435403618e+1
176.92	24.436784851	2.4436784851e+1
176.93	24.438166085	2.4438166085e+1
176.94	24.439547318	2.4439547318e+1
176.95	24.440928552	2.4440928552e+1
176.96	24.442309786	2.4442309786e+1
176.97	24.443691019	2.4443691019e+1
176.98	24.445072253	2.4445072253e+1
176.99	24.446453486	2.4446453486e+1
177	24.44783472	2.444783472e+1
177.01	24.449215954	2.4449215954e+1
177.02	24.450597187	2.4450597187e+1
177.03	24.451978421	2.4451978421e+1
177.04	24.453359654	2.4453359654e+1
177.05	24.454740888	2.4454740888e+1
177.06	24.456122122	2.4456122122e+1
177.07	24.457503355	2.4457503355e+1
177.08	24.458884589	2.4458884589e+1
177.09	24.460265822	2.4460265822e+1
177.1	24.461647056	2.4461647056e+1
177.11	24.46302829	2.446302829e+1
177.12	24.464409523	2.4464409523e+1
177.13	24.465790757	2.4465790757e+1
177.14	24.46717199	2.446717199e+1
177.15	24.468553224	2.4468553224e+1
177.16	24.469934458	2.4469934458e+1
177.17	24.471315691	2.4471315691e+1
177.18	24.472696925	2.4472696925e+1
177.19	24.474078158	2.4474078158e+1
177.2	24.475459392	2.4475459392e+1
177.21	24.476840626	2.4476840626e+1
177.22	24.478221859	2.4478221859e+1

177.23	24.479603093	2.4479603093e+1
177.24	24.480984326	2.4480984326e+1
177.25	24.48236556	2.448236556e+1
177.26	24.483746794	2.4483746794e+1
177.27	24.485128027	2.4485128027e+1
177.28	24.486509261	2.4486509261e+1
177.29	24.487890494	2.4487890494e+1
177.3	24.489271728	2.4489271728e+1
177.31	24.490652962	2.4490652962e+1
177.32	24.492034195	2.4492034195e+1
177.33	24.493415429	2.4493415429e+1
177.34	24.494796662	2.4494796662e+1
177.35	24.496177896	2.4496177896e+1
177.36	24.49755913	2.449755913e+1
177.37	24.498940363	2.4498940363e+1
177.38	24.500321597	2.4500321597e+1
177.39	24.50170283	2.450170283e+1
177.4	24.503084064	2.4503084064e+1
177.41	24.504465298	2.4504465298e+1
177.42	24.505846531	2.4505846531e+1
177.43	24.507227765	2.4507227765e+1
177.44	24.508608998	2.4508608998e+1
177.45	24.509990232	2.4509990232e+1
177.46	24.511371466	2.4511371466e+1
177.47	24.512752699	2.4512752699e+1
177.48	24.514133933	2.4514133933e+1
177.49	24.515515166	2.4515515166e+1
177.5	24.5168964	2.45168964e+1
177.51	24.518277634	2.4518277634e+1
177.52	24.519658867	2.4519658867e+1
177.53	24.521040101	2.4521040101e+1
177.54	24.522421334	2.4522421334e+1
177.55	24.523802568	2.4523802568e+1
177.56	24.525183802	2.4525183802e+1
177.57	24.526565035	2.4526565035e+1
177.58	24.527946269	2.4527946269e+1
177.59	24.529327502	2.4529327502e+1
177.6	24.530708736	2.4530708736e+1

177.61	24.53208997	2.453208997e+1
177.62	24.533471203	2.4533471203e+1
177.63	24.534852437	2.4534852437e+1
177.64	24.53623367	2.453623367e+1
177.65	24.537614904	2.4537614904e+1
177.66	24.538996138	2.4538996138e+1
177.67	24.540377371	2.4540377371e+1
177.68	24.541758605	2.4541758605e+1
177.69	24.543139838	2.4543139838e+1
177.7	24.544521072	2.4544521072e+1
177.71	24.545902306	2.4545902306e+1
177.72	24.547283539	2.4547283539e+1
177.73	24.548664773	2.4548664773e+1
177.74	24.550046006	2.4550046006e+1
177.75	24.55142724	2.455142724e+1
177.76	24.552808474	2.4552808474e+1
177.77	24.554189707	2.4554189707e+1
177.78	24.555570941	2.4555570941e+1
177.79	24.556952174	2.4556952174e+1
177.8	24.558333408	2.4558333408e+1
177.81	24.559714642	2.4559714642e+1
177.82	24.561095875	2.4561095875e+1
177.83	24.562477109	2.4562477109e+1
177.84	24.563858342	2.4563858342e+1
177.85	24.565239576	2.4565239576e+1
177.86	24.56662081	2.456662081e+1
177.87	24.568002043	2.4568002043e+1
177.88	24.569383277	2.4569383277e+1
177.89	24.57076451	2.457076451e+1
177.9	24.572145744	2.4572145744e+1
177.91	24.573526978	2.4573526978e+1
177.92	24.574908211	2.4574908211e+1
177.93	24.576289445	2.4576289445e+1
177.94	24.577670678	2.4577670678e+1
177.95	24.579051912	2.4579051912e+1
177.96	24.580433146	2.4580433146e+1
177.97	24.581814379	2.4581814379e+1
177.98	24.583195613	2.4583195613e+1

177.99	24.584576846	2.4584576846e+1
178	24.58595808	2.458595808e+1
178.01	24.587339314	2.4587339314e+1
178.02	24.588720547	2.4588720547e+1
178.03	24.590101781	2.4590101781e+1
178.04	24.591483014	2.4591483014e+1
178.05	24.592864248	2.4592864248e+1
178.06	24.594245482	2.4594245482e+1
178.07	24.595626715	2.4595626715e+1
178.08	24.597007949	2.4597007949e+1
178.09	24.598389182	2.4598389182e+1
178.1	24.599770416	2.4599770416e+1
178.11	24.60115165	2.460115165e+1
178.12	24.602532883	2.4602532883e+1
178.13	24.603914117	2.4603914117e+1
178.14	24.60529535	2.460529535e+1
178.15	24.606676584	2.4606676584e+1
178.16	24.608057818	2.4608057818e+1
178.17	24.609439051	2.4609439051e+1
178.18	24.610820285	2.4610820285e+1
178.19	24.612201518	2.4612201518e+1
178.2	24.613582752	2.4613582752e+1
178.21	24.614963986	2.4614963986e+1
178.22	24.616345219	2.4616345219e+1
178.23	24.617726453	2.4617726453e+1
178.24	24.619107686	2.4619107686e+1
178.25	24.62048892	2.462048892e+1
178.26	24.621870154	2.4621870154e+1
178.27	24.623251387	2.4623251387e+1
178.28	24.624632621	2.4624632621e+1
178.29	24.626013854	2.4626013854e+1
178.3	24.627395088	2.4627395088e+1
178.31	24.628776322	2.4628776322e+1
178.32	24.630157555	2.4630157555e+1
178.33	24.631538789	2.4631538789e+1
178.34	24.632920022	2.4632920022e+1
178.35	24.634301256	2.4634301256e+1
178.36	24.63568249	2.463568249e+1

178.37	24.637063723	2.4637063723e+1
178.38	24.638444957	2.4638444957e+1
178.39	24.63982619	2.463982619e+1
178.4	24.641207424	2.4641207424e+1
178.41	24.642588658	2.4642588658e+1
178.42	24.643969891	2.4643969891e+1
178.43	24.645351125	2.4645351125e+1
178.44	24.646732358	2.4646732358e+1
178.45	24.648113592	2.4648113592e+1
178.46	24.649494826	2.4649494826e+1
178.47	24.650876059	2.4650876059e+1
178.48	24.652257293	2.4652257293e+1
178.49	24.653638526	2.4653638526e+1
178.5	24.65501976	2.465501976e+1
178.51	24.656400994	2.4656400994e+1
178.52	24.657782227	2.4657782227e+1
178.53	24.659163461	2.4659163461e+1
178.54	24.660544694	2.4660544694e+1
178.55	24.661925928	2.4661925928e+1
178.56	24.663307162	2.4663307162e+1
178.57	24.664688395	2.4664688395e+1
178.58	24.666069629	2.4666069629e+1
178.59	24.667450862	2.4667450862e+1
178.6	24.668832096	2.4668832096e+1
178.61	24.67021333	2.467021333e+1
178.62	24.671594563	2.4671594563e+1
178.63	24.672975797	2.4672975797e+1
178.64	24.67435703	2.467435703e+1
178.65	24.675738264	2.4675738264e+1
178.66	24.677119498	2.4677119498e+1
178.67	24.678500731	2.4678500731e+1
178.68	24.679881965	2.4679881965e+1
178.69	24.681263198	2.4681263198e+1
178.7	24.682644432	2.4682644432e+1
178.71	24.684025666	2.4684025666e+1
178.72	24.685406899	2.4685406899e+1
178.73	24.686788133	2.4686788133e+1
178.74	24.688169366	2.4688169366e+1

178.75	24.6895506	2.46895506e+1
178.76	24.690931834	2.4690931834e+1
178.77	24.692313067	2.4692313067e+1
178.78	24.693694301	2.4693694301e+1
178.79	24.695075534	2.4695075534e+1
178.8	24.696456768	2.4696456768e+1
178.81	24.697838002	2.4697838002e+1
178.82	24.699219235	2.4699219235e+1
178.83	24.700600469	2.4700600469e+1
178.84	24.701981702	2.4701981702e+1
178.85	24.703362936	2.4703362936e+1
178.86	24.70474417	2.470474417e+1
178.87	24.706125403	2.4706125403e+1
178.88	24.707506637	2.4707506637e+1
178.89	24.70888787	2.470888787e+1
178.9	24.710269104	2.4710269104e+1
178.91	24.711650338	2.4711650338e+1
178.92	24.713031571	2.4713031571e+1
178.93	24.714412805	2.4714412805e+1
178.94	24.715794038	2.4715794038e+1
178.95	24.717175272	2.4717175272e+1
178.96	24.718556506	2.4718556506e+1
178.97	24.719937739	2.4719937739e+1
178.98	24.721318973	2.4721318973e+1
178.99	24.722700206	2.4722700206e+1
179	24.72408144	2.472408144e+1
179.01	24.725462674	2.4725462674e+1
179.02	24.726843907	2.4726843907e+1
179.03	24.728225141	2.4728225141e+1
179.04	24.729606374	2.4729606374e+1
179.05	24.730987608	2.4730987608e+1
179.06	24.732368842	2.4732368842e+1
179.07	24.733750075	2.4733750075e+1
179.08	24.735131309	2.4735131309e+1
179.09	24.736512542	2.4736512542e+1
179.1	24.737893776	2.4737893776e+1
179.11	24.73927501	2.473927501e+1
179.12	24.740656243	2.4740656243e+1

179.13	24.742037477	2.4742037477e+1
179.14	24.74341871	2.474341871e+1
179.15	24.744799944	2.4744799944e+1
179.16	24.746181178	2.4746181178e+1
179.17	24.747562411	2.4747562411e+1
179.18	24.748943645	2.4748943645e+1
179.19	24.750324878	2.4750324878e+1
179.2	24.751706112	2.4751706112e+1
179.21	24.753087346	2.4753087346e+1
179.22	24.754468579	2.4754468579e+1
179.23	24.755849813	2.4755849813e+1
179.24	24.757231046	2.4757231046e+1
179.25	24.75861228	2.475861228e+1
179.26	24.759993514	2.4759993514e+1
179.27	24.761374747	2.4761374747e+1
179.28	24.762755981	2.4762755981e+1
179.29	24.764137214	2.4764137214e+1
179.3	24.765518448	2.4765518448e+1
179.31	24.766899682	2.4766899682e+1
179.32	24.768280915	2.4768280915e+1
179.33	24.769662149	2.4769662149e+1
179.34	24.771043382	2.4771043382e+1
179.35	24.772424616	2.4772424616e+1
179.36	24.77380585	2.477380585e+1
179.37	24.775187083	2.4775187083e+1
179.38	24.776568317	2.4776568317e+1
179.39	24.77794955	2.477794955e+1
179.4	24.779330784	2.4779330784e+1
179.41	24.780712018	2.4780712018e+1
179.42	24.782093251	2.4782093251e+1
179.43	24.783474485	2.4783474485e+1
179.44	24.784855718	2.4784855718e+1
179.45	24.786236952	2.4786236952e+1
179.46	24.787618186	2.4787618186e+1
179.47	24.788999419	2.4788999419e+1
179.48	24.790380653	2.4790380653e+1
179.49	24.791761886	2.4791761886e+1
179.5	24.79314312	2.479314312e+1

179.51	24.794524354	2.4794524354e+1
179.52	24.795905587	2.4795905587e+1
179.53	24.797286821	2.4797286821e+1
179.54	24.798668054	2.4798668054e+1
179.55	24.800049288	2.4800049288e+1
179.56	24.801430522	2.4801430522e+1
179.57	24.802811755	2.4802811755e+1
179.58	24.804192989	2.4804192989e+1
179.59	24.805574222	2.4805574222e+1
179.6	24.806955456	2.4806955456e+1
179.61	24.80833669	2.480833669e+1
179.62	24.809717923	2.4809717923e+1
179.63	24.811099157	2.4811099157e+1
179.64	24.81248039	2.481248039e+1
179.65	24.813861624	2.4813861624e+1
179.66	24.815242858	2.4815242858e+1
179.67	24.816624091	2.4816624091e+1
179.68	24.818005325	2.4818005325e+1
179.69	24.819386558	2.4819386558e+1
179.7	24.820767792	2.4820767792e+1
179.71	24.822149026	2.4822149026e+1
179.72	24.823530259	2.4823530259e+1
179.73	24.824911493	2.4824911493e+1
179.74	24.826292726	2.4826292726e+1
179.75	24.82767396	2.482767396e+1
179.76	24.829055194	2.4829055194e+1
179.77	24.830436427	2.4830436427e+1
179.78	24.831817661	2.4831817661e+1
179.79	24.833198894	2.4833198894e+1
179.8	24.834580128	2.4834580128e+1
179.81	24.835961362	2.4835961362e+1
179.82	24.837342595	2.4837342595e+1
179.83	24.838723829	2.4838723829e+1
179.84	24.840105062	2.4840105062e+1
179.85	24.841486296	2.4841486296e+1
179.86	24.84286753	2.484286753e+1
179.87	24.844248763	2.4844248763e+1
179.88	24.845629997	2.4845629997e+1

179.89	24.84701123	2.484701123e+1
179.9	24.848392464	2.4848392464e+1
179.91	24.849773698	2.4849773698e+1
179.92	24.851154931	2.4851154931e+1
179.93	24.852536165	2.4852536165e+1
179.94	24.853917398	2.4853917398e+1
179.95	24.855298632	2.4855298632e+1
179.96	24.856679866	2.4856679866e+1
179.97	24.858061099	2.4858061099e+1
179.98	24.859442333	2.4859442333e+1
179.99	24.860823566	2.4860823566e+1
180	24.8622048	2.48622048e+1
180.01	24.863586034	2.4863586034e+1
180.02	24.864967267	2.4864967267e+1
180.03	24.866348501	2.4866348501e+1
180.04	24.867729734	2.4867729734e+1
180.05	24.869110968	2.4869110968e+1
180.06	24.870492202	2.4870492202e+1
180.07	24.871873435	2.4871873435e+1
180.08	24.873254669	2.4873254669e+1
180.09	24.874635902	2.4874635902e+1
180.1	24.876017136	2.4876017136e+1
180.11	24.87739837	2.487739837e+1
180.12	24.878779603	2.4878779603e+1
180.13	24.880160837	2.4880160837e+1
180.14	24.88154207	2.488154207e+1
180.15	24.882923304	2.4882923304e+1
180.16	24.884304538	2.4884304538e+1
180.17	24.885685771	2.4885685771e+1
180.18	24.887067005	2.4887067005e+1
180.19	24.888448238	2.4888448238e+1
180.2	24.889829472	2.4889829472e+1
180.21	24.891210706	2.4891210706e+1
180.22	24.892591939	2.4892591939e+1
180.23	24.893973173	2.4893973173e+1
180.24	24.895354406	2.4895354406e+1
180.25	24.89673564	2.489673564e+1
180.26	24.898116874	2.4898116874e+1

180.27	24.899498107	2.4899498107e+1
180.28	24.900879341	2.4900879341e+1
180.29	24.902260574	2.4902260574e+1
180.3	24.903641808	2.4903641808e+1
180.31	24.905023042	2.4905023042e+1
180.32	24.906404275	2.4906404275e+1
180.33	24.907785509	2.4907785509e+1
180.34	24.909166742	2.4909166742e+1
180.35	24.910547976	2.4910547976e+1
180.36	24.91192921	2.491192921e+1
180.37	24.913310443	2.4913310443e+1
180.38	24.914691677	2.4914691677e+1
180.39	24.91607291	2.491607291e+1
180.4	24.917454144	2.4917454144e+1
180.41	24.918835378	2.4918835378e+1
180.42	24.920216611	2.4920216611e+1
180.43	24.921597845	2.4921597845e+1
180.44	24.922979078	2.4922979078e+1
180.45	24.924360312	2.4924360312e+1
180.46	24.925741546	2.4925741546e+1
180.47	24.927122779	2.4927122779e+1
180.48	24.928504013	2.4928504013e+1
180.49	24.929885246	2.4929885246e+1
180.5	24.93126648	2.493126648e+1
180.51	24.932647714	2.4932647714e+1
180.52	24.934028947	2.4934028947e+1
180.53	24.935410181	2.4935410181e+1
180.54	24.936791414	2.4936791414e+1
180.55	24.938172648	2.4938172648e+1
180.56	24.939553882	2.4939553882e+1
180.57	24.940935115	2.4940935115e+1
180.58	24.942316349	2.4942316349e+1
180.59	24.943697582	2.4943697582e+1
180.6	24.945078816	2.4945078816e+1
180.61	24.94646005	2.494646005e+1
180.62	24.947841283	2.4947841283e+1
180.63	24.949222517	2.4949222517e+1
180.64	24.95060375	2.495060375e+1

180.65	24.951984984	2.4951984984e+1
180.66	24.953366218	2.4953366218e+1
180.67	24.954747451	2.4954747451e+1
180.68	24.956128685	2.4956128685e+1
180.69	24.957509918	2.4957509918e+1
180.7	24.958891152	2.4958891152e+1
180.71	24.960272386	2.4960272386e+1
180.72	24.961653619	2.4961653619e+1
180.73	24.963034853	2.4963034853e+1
180.74	24.964416086	2.4964416086e+1
180.75	24.96579732	2.496579732e+1
180.76	24.967178554	2.4967178554e+1
180.77	24.968559787	2.4968559787e+1
180.78	24.969941021	2.4969941021e+1
180.79	24.971322254	2.4971322254e+1
180.8	24.972703488	2.4972703488e+1
180.81	24.974084722	2.4974084722e+1
180.82	24.975465955	2.4975465955e+1
180.83	24.976847189	2.4976847189e+1
180.84	24.978228422	2.4978228422e+1
180.85	24.979609656	2.4979609656e+1
180.86	24.98099089	2.498099089e+1
180.87	24.982372123	2.4982372123e+1
180.88	24.983753357	2.4983753357e+1
180.89	24.98513459	2.498513459e+1
180.9	24.986515824	2.4986515824e+1
180.91	24.987897058	2.4987897058e+1
180.92	24.989278291	2.4989278291e+1
180.93	24.990659525	2.4990659525e+1
180.94	24.992040758	2.4992040758e+1
180.95	24.993421992	2.4993421992e+1
180.96	24.994803226	2.4994803226e+1
180.97	24.996184459	2.4996184459e+1
180.98	24.997565693	2.4997565693e+1
180.99	24.998946926	2.4998946926e+1
181	25.00032816	2.500032816e+1
181.01	25.001709394	2.5001709394e+1
181.02	25.003090627	2.5003090627e+1

181.03	25.004471861	2.5004471861e+1
181.04	25.005853094	2.5005853094e+1
181.05	25.007234328	2.5007234328e+1
181.06	25.008615562	2.5008615562e+1
181.07	25.009996795	2.5009996795e+1
181.08	25.011378029	2.5011378029e+1
181.09	25.012759262	2.5012759262e+1
181.1	25.014140496	2.5014140496e+1
181.11	25.01552173	2.501552173e+1
181.12	25.016902963	2.5016902963e+1
181.13	25.018284197	2.5018284197e+1
181.14	25.01966543	2.501966543e+1
181.15	25.021046664	2.5021046664e+1
181.16	25.022427898	2.5022427898e+1
181.17	25.023809131	2.5023809131e+1
181.18	25.025190365	2.5025190365e+1
181.19	25.026571598	2.5026571598e+1
181.2	25.027952832	2.5027952832e+1
181.21	25.029334066	2.5029334066e+1
181.22	25.030715299	2.5030715299e+1
181.23	25.032096533	2.5032096533e+1
181.24	25.033477766	2.5033477766e+1
181.25	25.034859	2.5034859e+1
181.26	25.036240234	2.5036240234e+1
181.27	25.037621467	2.5037621467e+1
181.28	25.039002701	2.5039002701e+1
181.29	25.040383934	2.5040383934e+1
181.3	25.041765168	2.5041765168e+1
181.31	25.043146402	2.5043146402e+1
181.32	25.044527635	2.5044527635e+1
181.33	25.045908869	2.5045908869e+1
181.34	25.047290102	2.5047290102e+1
181.35	25.048671336	2.5048671336e+1
181.36	25.05005257	2.505005257e+1
181.37	25.051433803	2.5051433803e+1
181.38	25.052815037	2.5052815037e+1
181.39	25.05419627	2.505419627e+1
181.4	25.055577504	2.5055577504e+1

181.41	25.056958738	2.5056958738e+1
181.42	25.058339971	2.5058339971e+1
181.43	25.059721205	2.5059721205e+1
181.44	25.061102438	2.5061102438e+1
181.45	25.062483672	2.5062483672e+1
181.46	25.063864906	2.5063864906e+1
181.47	25.065246139	2.5065246139e+1
181.48	25.066627373	2.5066627373e+1
181.49	25.068008606	2.5068008606e+1
181.5	25.06938984	2.506938984e+1
181.51	25.070771074	2.5070771074e+1
181.52	25.072152307	2.5072152307e+1
181.53	25.073533541	2.5073533541e+1
181.54	25.074914774	2.5074914774e+1
181.55	25.076296008	2.5076296008e+1
181.56	25.077677242	2.5077677242e+1
181.57	25.079058475	2.5079058475e+1
181.58	25.080439709	2.5080439709e+1
181.59	25.081820942	2.5081820942e+1
181.6	25.083202176	2.5083202176e+1
181.61	25.08458341	2.508458341e+1
181.62	25.085964643	2.5085964643e+1
181.63	25.087345877	2.5087345877e+1
181.64	25.08872711	2.508872711e+1
181.65	25.090108344	2.5090108344e+1
181.66	25.091489578	2.5091489578e+1
181.67	25.092870811	2.5092870811e+1
181.68	25.094252045	2.5094252045e+1
181.69	25.095633278	2.5095633278e+1
181.7	25.097014512	2.5097014512e+1
181.71	25.098395746	2.5098395746e+1
181.72	25.099776979	2.5099776979e+1
181.73	25.101158213	2.5101158213e+1
181.74	25.102539446	2.5102539446e+1
181.75	25.10392068	2.510392068e+1
181.76	25.105301914	2.5105301914e+1
181.77	25.106683147	2.5106683147e+1
181.78	25.108064381	2.5108064381e+1

181.79	25.109445614	2.5109445614e+1
181.8	25.110826848	2.5110826848e+1
181.81	25.112208082	2.5112208082e+1
181.82	25.113589315	2.5113589315e+1
181.83	25.114970549	2.5114970549e+1
181.84	25.116351782	2.5116351782e+1
181.85	25.117733016	2.5117733016e+1
181.86	25.11911425	2.511911425e+1
181.87	25.120495483	2.5120495483e+1
181.88	25.121876717	2.5121876717e+1
181.89	25.12325795	2.512325795e+1
181.9	25.124639184	2.5124639184e+1
181.91	25.126020418	2.5126020418e+1
181.92	25.127401651	2.5127401651e+1
181.93	25.128782885	2.5128782885e+1
181.94	25.130164118	2.5130164118e+1
181.95	25.131545352	2.5131545352e+1
181.96	25.132926586	2.5132926586e+1
181.97	25.134307819	2.5134307819e+1
181.98	25.135689053	2.5135689053e+1
181.99	25.137070286	2.5137070286e+1
182	25.13845152	2.513845152e+1
182.01	25.139832754	2.5139832754e+1
182.02	25.141213987	2.5141213987e+1
182.03	25.142595221	2.5142595221e+1
182.04	25.143976454	2.5143976454e+1
182.05	25.145357688	2.5145357688e+1
182.06	25.146738922	2.5146738922e+1
182.07	25.148120155	2.5148120155e+1
182.08	25.149501389	2.5149501389e+1
182.09	25.150882622	2.5150882622e+1
182.1	25.152263856	2.5152263856e+1
182.11	25.15364509	2.515364509e+1
182.12	25.155026323	2.5155026323e+1
182.13	25.156407557	2.5156407557e+1
182.14	25.15778879	2.515778879e+1
182.15	25.159170024	2.5159170024e+1
182.16	25.160551258	2.5160551258e+1

182.17	25.161932491	2.5161932491e+1
182.18	25.163313725	2.5163313725e+1
182.19	25.164694958	2.5164694958e+1
182.2	25.166076192	2.5166076192e+1
182.21	25.167457426	2.5167457426e+1
182.22	25.168838659	2.5168838659e+1
182.23	25.170219893	2.5170219893e+1
182.24	25.171601126	2.5171601126e+1
182.25	25.17298236	2.517298236e+1
182.26	25.174363594	2.5174363594e+1
182.27	25.175744827	2.5175744827e+1
182.28	25.177126061	2.5177126061e+1
182.29	25.178507294	2.5178507294e+1
182.3	25.179888528	2.5179888528e+1
182.31	25.181269762	2.5181269762e+1
182.32	25.182650995	2.5182650995e+1
182.33	25.184032229	2.5184032229e+1
182.34	25.185413462	2.5185413462e+1
182.35	25.186794696	2.5186794696e+1
182.36	25.18817593	2.518817593e+1
182.37	25.189557163	2.5189557163e+1
182.38	25.190938397	2.5190938397e+1
182.39	25.19231963	2.519231963e+1
182.4	25.193700864	2.5193700864e+1
182.41	25.195082098	2.5195082098e+1
182.42	25.196463331	2.5196463331e+1
182.43	25.197844565	2.5197844565e+1
182.44	25.199225798	2.5199225798e+1
182.45	25.200607032	2.5200607032e+1
182.46	25.201988266	2.5201988266e+1
182.47	25.203369499	2.5203369499e+1
182.48	25.204750733	2.5204750733e+1
182.49	25.206131966	2.5206131966e+1
182.5	25.2075132	2.52075132e+1
182.51	25.208894434	2.5208894434e+1
182.52	25.210275667	2.5210275667e+1
182.53	25.211656901	2.5211656901e+1
182.54	25.213038134	2.5213038134e+1

182.55	25.214419368	2.5214419368e+1
182.56	25.215800602	2.5215800602e+1
182.57	25.217181835	2.5217181835e+1
182.58	25.218563069	2.5218563069e+1
182.59	25.219944302	2.5219944302e+1
182.6	25.221325536	2.5221325536e+1
182.61	25.22270677	2.522270677e+1
182.62	25.224088003	2.5224088003e+1
182.63	25.225469237	2.5225469237e+1
182.64	25.22685047	2.522685047e+1
182.65	25.228231704	2.5228231704e+1
182.66	25.229612938	2.5229612938e+1
182.67	25.230994171	2.5230994171e+1
182.68	25.232375405	2.5232375405e+1
182.69	25.233756638	2.5233756638e+1
182.7	25.235137872	2.5235137872e+1
182.71	25.236519106	2.5236519106e+1
182.72	25.237900339	2.5237900339e+1
182.73	25.239281573	2.5239281573e+1
182.74	25.240662806	2.5240662806e+1
182.75	25.24204404	2.524204404e+1
182.76	25.243425274	2.5243425274e+1
182.77	25.244806507	2.5244806507e+1
182.78	25.246187741	2.5246187741e+1
182.79	25.247568974	2.5247568974e+1
182.8	25.248950208	2.5248950208e+1
182.81	25.250331442	2.5250331442e+1
182.82	25.251712675	2.5251712675e+1
182.83	25.253093909	2.5253093909e+1
182.84	25.254475142	2.5254475142e+1
182.85	25.255856376	2.5255856376e+1
182.86	25.25723761	2.525723761e+1
182.87	25.258618843	2.5258618843e+1
182.88	25.260000077	2.5260000077e+1
182.89	25.26138131	2.526138131e+1
182.9	25.262762544	2.5262762544e+1
182.91	25.264143778	2.5264143778e+1
182.92	25.265525011	2.5265525011e+1

182.93	25.266906245	2.5266906245e+1
182.94	25.268287478	2.5268287478e+1
182.95	25.269668712	2.5269668712e+1
182.96	25.271049946	2.5271049946e+1
182.97	25.272431179	2.5272431179e+1
182.98	25.273812413	2.5273812413e+1
182.99	25.275193646	2.5275193646e+1
183	25.27657488	2.527657488e+1
183.01	25.277956114	2.5277956114e+1
183.02	25.279337347	2.5279337347e+1
183.03	25.280718581	2.5280718581e+1
183.04	25.282099814	2.5282099814e+1
183.05	25.283481048	2.5283481048e+1
183.06	25.284862282	2.5284862282e+1
183.07	25.286243515	2.5286243515e+1
183.08	25.287624749	2.5287624749e+1
183.09	25.289005982	2.5289005982e+1
183.1	25.290387216	2.5290387216e+1
183.11	25.29176845	2.529176845e+1
183.12	25.293149683	2.5293149683e+1
183.13	25.294530917	2.5294530917e+1
183.14	25.29591215	2.529591215e+1
183.15	25.297293384	2.5297293384e+1
183.16	25.298674618	2.5298674618e+1
183.17	25.300055851	2.5300055851e+1
183.18	25.301437085	2.5301437085e+1
183.19	25.302818318	2.5302818318e+1
183.2	25.304199552	2.5304199552e+1
183.21	25.305580786	2.5305580786e+1
183.22	25.306962019	2.5306962019e+1
183.23	25.308343253	2.5308343253e+1
183.24	25.309724486	2.5309724486e+1
183.25	25.31110572	2.531110572e+1
183.26	25.312486954	2.5312486954e+1
183.27	25.313868187	2.5313868187e+1
183.28	25.315249421	2.5315249421e+1
183.29	25.316630654	2.5316630654e+1
183.3	25.318011888	2.5318011888e+1

183.31	25.319393122	2.5319393122e+1
183.32	25.320774355	2.5320774355e+1
183.33	25.322155589	2.5322155589e+1
183.34	25.323536822	2.5323536822e+1
183.35	25.324918056	2.5324918056e+1
183.36	25.32629929	2.532629929e+1
183.37	25.327680523	2.5327680523e+1
183.38	25.329061757	2.5329061757e+1
183.39	25.33044299	2.533044299e+1
183.4	25.331824224	2.5331824224e+1
183.41	25.333205458	2.5333205458e+1
183.42	25.334586691	2.5334586691e+1
183.43	25.335967925	2.5335967925e+1
183.44	25.337349158	2.5337349158e+1
183.45	25.338730392	2.5338730392e+1
183.46	25.340111626	2.5340111626e+1
183.47	25.341492859	2.5341492859e+1
183.48	25.342874093	2.5342874093e+1
183.49	25.344255326	2.5344255326e+1
183.5	25.34563656	2.534563656e+1
183.51	25.347017794	2.5347017794e+1
183.52	25.348399027	2.5348399027e+1
183.53	25.349780261	2.5349780261e+1
183.54	25.351161494	2.5351161494e+1
183.55	25.352542728	2.5352542728e+1
183.56	25.353923962	2.5353923962e+1
183.57	25.355305195	2.5355305195e+1
183.58	25.356686429	2.5356686429e+1
183.59	25.358067662	2.5358067662e+1
183.6	25.359448896	2.5359448896e+1
183.61	25.36083013	2.536083013e+1
183.62	25.362211363	2.5362211363e+1
183.63	25.363592597	2.5363592597e+1
183.64	25.36497383	2.536497383e+1
183.65	25.366355064	2.5366355064e+1
183.66	25.367736298	2.5367736298e+1
183.67	25.369117531	2.5369117531e+1
183.68	25.370498765	2.5370498765e+1

183.69	25.371879998	2.5371879998e+1
183.7	25.373261232	2.5373261232e+1
183.71	25.374642466	2.5374642466e+1
183.72	25.376023699	2.5376023699e+1
183.73	25.377404933	2.5377404933e+1
183.74	25.378786166	2.5378786166e+1
183.75	25.3801674	2.53801674e+1
183.76	25.381548634	2.5381548634e+1
183.77	25.382929867	2.5382929867e+1
183.78	25.384311101	2.5384311101e+1
183.79	25.385692334	2.5385692334e+1
183.8	25.387073568	2.5387073568e+1
183.81	25.388454802	2.5388454802e+1
183.82	25.389836035	2.5389836035e+1
183.83	25.391217269	2.5391217269e+1
183.84	25.392598502	2.5392598502e+1
183.85	25.393979736	2.5393979736e+1
183.86	25.39536097	2.539536097e+1
183.87	25.396742203	2.5396742203e+1
183.88	25.398123437	2.5398123437e+1
183.89	25.39950467	2.539950467e+1
183.9	25.400885904	2.5400885904e+1
183.91	25.402267138	2.5402267138e+1
183.92	25.403648371	2.5403648371e+1
183.93	25.405029605	2.5405029605e+1
183.94	25.406410838	2.5406410838e+1
183.95	25.407792072	2.5407792072e+1
183.96	25.409173306	2.5409173306e+1
183.97	25.410554539	2.5410554539e+1
183.98	25.411935773	2.5411935773e+1
183.99	25.413317006	2.5413317006e+1
184	25.41469824	2.541469824e+1
184.01	25.416079474	2.5416079474e+1
184.02	25.417460707	2.5417460707e+1
184.03	25.418841941	2.5418841941e+1
184.04	25.420223174	2.5420223174e+1
184.05	25.421604408	2.5421604408e+1
184.06	25.422985642	2.5422985642e+1

184.07	25.424366875	2.5424366875e+1
184.08	25.425748109	2.5425748109e+1
184.09	25.427129342	2.5427129342e+1
184.1	25.428510576	2.5428510576e+1
184.11	25.42989181	2.542989181e+1
184.12	25.431273043	2.5431273043e+1
184.13	25.432654277	2.5432654277e+1
184.14	25.43403551	2.543403551e+1
184.15	25.435416744	2.5435416744e+1
184.16	25.436797978	2.5436797978e+1
184.17	25.438179211	2.5438179211e+1
184.18	25.439560445	2.5439560445e+1
184.19	25.440941678	2.5440941678e+1
184.2	25.442322912	2.5442322912e+1
184.21	25.443704146	2.5443704146e+1
184.22	25.445085379	2.5445085379e+1
184.23	25.446466613	2.5446466613e+1
184.24	25.447847846	2.5447847846e+1
184.25	25.44922908	2.544922908e+1
184.26	25.450610314	2.5450610314e+1
184.27	25.451991547	2.5451991547e+1
184.28	25.453372781	2.5453372781e+1
184.29	25.454754014	2.5454754014e+1
184.3	25.456135248	2.5456135248e+1
184.31	25.457516482	2.5457516482e+1
184.32	25.458897715	2.5458897715e+1
184.33	25.460278949	2.5460278949e+1
184.34	25.461660182	2.5461660182e+1
184.35	25.463041416	2.5463041416e+1
184.36	25.46442265	2.546442265e+1
184.37	25.465803883	2.5465803883e+1
184.38	25.467185117	2.5467185117e+1
184.39	25.46856635	2.546856635e+1
184.4	25.469947584	2.5469947584e+1
184.41	25.471328818	2.5471328818e+1
184.42	25.472710051	2.5472710051e+1
184.43	25.474091285	2.5474091285e+1
184.44	25.475472518	2.5475472518e+1

184.45	25.476853752	2.5476853752e+1
184.46	25.478234986	2.5478234986e+1
184.47	25.479616219	2.5479616219e+1
184.48	25.480997453	2.5480997453e+1
184.49	25.482378686	2.5482378686e+1
184.5	25.48375992	2.548375992e+1
184.51	25.485141154	2.5485141154e+1
184.52	25.486522387	2.5486522387e+1
184.53	25.487903621	2.5487903621e+1
184.54	25.489284854	2.5489284854e+1
184.55	25.490666088	2.5490666088e+1
184.56	25.492047322	2.5492047322e+1
184.57	25.493428555	2.5493428555e+1
184.58	25.494809789	2.5494809789e+1
184.59	25.496191022	2.5496191022e+1
184.6	25.497572256	2.5497572256e+1
184.61	25.49895349	2.549895349e+1
184.62	25.500334723	2.5500334723e+1
184.63	25.501715957	2.5501715957e+1
184.64	25.50309719	2.550309719e+1
184.65	25.504478424	2.5504478424e+1
184.66	25.505859658	2.5505859658e+1
184.67	25.507240891	2.5507240891e+1
184.68	25.508622125	2.5508622125e+1
184.69	25.510003358	2.5510003358e+1
184.7	25.511384592	2.5511384592e+1
184.71	25.512765826	2.5512765826e+1
184.72	25.514147059	2.5514147059e+1
184.73	25.515528293	2.5515528293e+1
184.74	25.516909526	2.5516909526e+1
184.75	25.51829076	2.551829076e+1
184.76	25.519671994	2.5519671994e+1
184.77	25.521053227	2.5521053227e+1
184.78	25.522434461	2.5522434461e+1
184.79	25.523815694	2.5523815694e+1
184.8	25.525196928	2.5525196928e+1
184.81	25.526578162	2.5526578162e+1
184.82	25.527959395	2.5527959395e+1

184.83	25.529340629	2.5529340629e+1
184.84	25.530721862	2.5530721862e+1
184.85	25.532103096	2.5532103096e+1
184.86	25.53348433	2.553348433e+1
184.87	25.534865563	2.5534865563e+1
184.88	25.536246797	2.5536246797e+1
184.89	25.53762803	2.553762803e+1
184.9	25.539009264	2.5539009264e+1
184.91	25.540390498	2.5540390498e+1
184.92	25.541771731	2.5541771731e+1
184.93	25.543152965	2.5543152965e+1
184.94	25.544534198	2.5544534198e+1
184.95	25.545915432	2.5545915432e+1
184.96	25.547296666	2.5547296666e+1
184.97	25.548677899	2.5548677899e+1
184.98	25.550059133	2.5550059133e+1
184.99	25.551440366	2.5551440366e+1
185	25.5528216	2.55528216e+1
185.01	25.554202834	2.5554202834e+1
185.02	25.555584067	2.5555584067e+1
185.03	25.556965301	2.5556965301e+1
185.04	25.558346534	2.5558346534e+1
185.05	25.559727768	2.5559727768e+1
185.06	25.561109002	2.5561109002e+1
185.07	25.562490235	2.5562490235e+1
185.08	25.563871469	2.5563871469e+1
185.09	25.565252702	2.5565252702e+1
185.1	25.566633936	2.5566633936e+1
185.11	25.56801517	2.556801517e+1
185.12	25.569396403	2.5569396403e+1
185.13	25.570777637	2.5570777637e+1
185.14	25.57215887	2.557215887e+1
185.15	25.573540104	2.5573540104e+1
185.16	25.574921338	2.5574921338e+1
185.17	25.576302571	2.5576302571e+1
185.18	25.577683805	2.5577683805e+1
185.19	25.579065038	2.5579065038e+1
185.2	25.580446272	2.5580446272e+1

185.21	25.581827506	2.5581827506e+1
185.22	25.583208739	2.5583208739e+1
185.23	25.584589973	2.5584589973e+1
185.24	25.585971206	2.5585971206e+1
185.25	25.58735244	2.558735244e+1
185.26	25.588733674	2.5588733674e+1
185.27	25.590114907	2.5590114907e+1
185.28	25.591496141	2.5591496141e+1
185.29	25.592877374	2.5592877374e+1
185.3	25.594258608	2.5594258608e+1
185.31	25.595639842	2.5595639842e+1
185.32	25.597021075	2.5597021075e+1
185.33	25.598402309	2.5598402309e+1
185.34	25.599783542	2.5599783542e+1
185.35	25.601164776	2.5601164776e+1
185.36	25.60254601	2.560254601e+1
185.37	25.603927243	2.5603927243e+1
185.38	25.605308477	2.5605308477e+1
185.39	25.60668971	2.560668971e+1
185.4	25.608070944	2.5608070944e+1
185.41	25.609452178	2.5609452178e+1
185.42	25.610833411	2.5610833411e+1
185.43	25.612214645	2.5612214645e+1
185.44	25.613595878	2.5613595878e+1
185.45	25.614977112	2.5614977112e+1
185.46	25.616358346	2.5616358346e+1
185.47	25.617739579	2.5617739579e+1
185.48	25.619120813	2.5619120813e+1
185.49	25.620502046	2.5620502046e+1
185.5	25.62188328	2.562188328e+1
185.51	25.623264514	2.5623264514e+1
185.52	25.624645747	2.5624645747e+1
185.53	25.626026981	2.5626026981e+1
185.54	25.627408214	2.5627408214e+1
185.55	25.628789448	2.5628789448e+1
185.56	25.630170682	2.5630170682e+1
185.57	25.631551915	2.5631551915e+1
185.58	25.632933149	2.5632933149e+1

185.59	25.634314382	2.5634314382e+1
185.6	25.635695616	2.5635695616e+1
185.61	25.63707685	2.563707685e+1
185.62	25.638458083	2.5638458083e+1
185.63	25.639839317	2.5639839317e+1
185.64	25.64122055	2.564122055e+1
185.65	25.642601784	2.5642601784e+1
185.66	25.643983018	2.5643983018e+1
185.67	25.645364251	2.5645364251e+1
185.68	25.646745485	2.5646745485e+1
185.69	25.648126718	2.5648126718e+1
185.7	25.649507952	2.5649507952e+1
185.71	25.650889186	2.5650889186e+1
185.72	25.652270419	2.5652270419e+1
185.73	25.653651653	2.5653651653e+1
185.74	25.655032886	2.5655032886e+1
185.75	25.65641412	2.565641412e+1
185.76	25.657795354	2.5657795354e+1
185.77	25.659176587	2.5659176587e+1
185.78	25.660557821	2.5660557821e+1
185.79	25.661939054	2.5661939054e+1
185.8	25.663320288	2.5663320288e+1
185.81	25.664701522	2.5664701522e+1
185.82	25.666082755	2.5666082755e+1
185.83	25.667463989	2.5667463989e+1
185.84	25.668845222	2.5668845222e+1
185.85	25.670226456	2.5670226456e+1
185.86	25.67160769	2.567160769e+1
185.87	25.672988923	2.5672988923e+1
185.88	25.674370157	2.5674370157e+1
185.89	25.67575139	2.567575139e+1
185.9	25.677132624	2.5677132624e+1
185.91	25.678513858	2.5678513858e+1
185.92	25.679895091	2.5679895091e+1
185.93	25.681276325	2.5681276325e+1
185.94	25.682657558	2.5682657558e+1
185.95	25.684038792	2.5684038792e+1
185.96	25.685420026	2.5685420026e+1

185.97	25.686801259	2.5686801259e+1
185.98	25.688182493	2.5688182493e+1
185.99	25.689563726	2.5689563726e+1
186	25.69094496	2.569094496e+1
186.01	25.692326194	2.5692326194e+1
186.02	25.693707427	2.5693707427e+1
186.03	25.695088661	2.5695088661e+1
186.04	25.696469894	2.5696469894e+1
186.05	25.697851128	2.5697851128e+1
186.06	25.699232362	2.5699232362e+1
186.07	25.700613595	2.5700613595e+1
186.08	25.701994829	2.5701994829e+1
186.09	25.703376062	2.5703376062e+1
186.1	25.704757296	2.5704757296e+1
186.11	25.70613853	2.570613853e+1
186.12	25.707519763	2.5707519763e+1
186.13	25.708900997	2.5708900997e+1
186.14	25.71028223	2.571028223e+1
186.15	25.711663464	2.5711663464e+1
186.16	25.713044698	2.5713044698e+1
186.17	25.714425931	2.5714425931e+1
186.18	25.715807165	2.5715807165e+1
186.19	25.717188398	2.5717188398e+1
186.2	25.718569632	2.5718569632e+1
186.21	25.719950866	2.5719950866e+1
186.22	25.721332099	2.5721332099e+1
186.23	25.722713333	2.5722713333e+1
186.24	25.724094566	2.5724094566e+1
186.25	25.7254758	2.57254758e+1
186.26	25.726857034	2.5726857034e+1
186.27	25.728238267	2.5728238267e+1
186.28	25.729619501	2.5729619501e+1
186.29	25.731000734	2.5731000734e+1
186.3	25.732381968	2.5732381968e+1
186.31	25.733763202	2.5733763202e+1
186.32	25.735144435	2.5735144435e+1
186.33	25.736525669	2.5736525669e+1
186.34	25.737906902	2.5737906902e+1

186.35	25.739288136	2.5739288136e+1
186.36	25.74066937	2.574066937e+1
186.37	25.742050603	2.5742050603e+1
186.38	25.743431837	2.5743431837e+1
186.39	25.74481307	2.574481307e+1
186.4	25.746194304	2.5746194304e+1
186.41	25.747575538	2.5747575538e+1
186.42	25.748956771	2.5748956771e+1
186.43	25.750338005	2.5750338005e+1
186.44	25.751719238	2.5751719238e+1
186.45	25.753100472	2.5753100472e+1
186.46	25.754481706	2.5754481706e+1
186.47	25.755862939	2.5755862939e+1
186.48	25.757244173	2.5757244173e+1
186.49	25.758625406	2.5758625406e+1
186.5	25.76000664	2.576000664e+1
186.51	25.761387874	2.5761387874e+1
186.52	25.762769107	2.5762769107e+1
186.53	25.764150341	2.5764150341e+1
186.54	25.765531574	2.5765531574e+1
186.55	25.766912808	2.5766912808e+1
186.56	25.768294042	2.5768294042e+1
186.57	25.769675275	2.5769675275e+1
186.58	25.771056509	2.5771056509e+1
186.59	25.772437742	2.5772437742e+1
186.6	25.773818976	2.5773818976e+1
186.61	25.77520021	2.577520021e+1
186.62	25.776581443	2.5776581443e+1
186.63	25.777962677	2.5777962677e+1
186.64	25.77934391	2.577934391e+1
186.65	25.780725144	2.5780725144e+1
186.66	25.782106378	2.5782106378e+1
186.67	25.783487611	2.5783487611e+1
186.68	25.784868845	2.5784868845e+1
186.69	25.786250078	2.5786250078e+1
186.7	25.787631312	2.5787631312e+1
186.71	25.789012546	2.5789012546e+1
186.72	25.790393779	2.5790393779e+1

186.73	25.791775013	2.5791775013e+1
186.74	25.793156246	2.5793156246e+1
186.75	25.79453748	2.579453748e+1
186.76	25.795918714	2.5795918714e+1
186.77	25.797299947	2.5797299947e+1
186.78	25.798681181	2.5798681181e+1
186.79	25.800062414	2.5800062414e+1
186.8	25.801443648	2.5801443648e+1
186.81	25.802824882	2.5802824882e+1
186.82	25.804206115	2.5804206115e+1
186.83	25.805587349	2.5805587349e+1
186.84	25.806968582	2.5806968582e+1
186.85	25.808349816	2.5808349816e+1
186.86	25.80973105	2.580973105e+1
186.87	25.811112283	2.5811112283e+1
186.88	25.812493517	2.5812493517e+1
186.89	25.81387475	2.581387475e+1
186.9	25.815255984	2.5815255984e+1
186.91	25.816637218	2.5816637218e+1
186.92	25.818018451	2.5818018451e+1
186.93	25.819399685	2.5819399685e+1
186.94	25.820780918	2.5820780918e+1
186.95	25.822162152	2.5822162152e+1
186.96	25.823543386	2.5823543386e+1
186.97	25.824924619	2.5824924619e+1
186.98	25.826305853	2.5826305853e+1
186.99	25.827687086	2.5827687086e+1
187	25.82906832	2.582906832e+1
187.01	25.830449554	2.5830449554e+1
187.02	25.831830787	2.5831830787e+1
187.03	25.833212021	2.5833212021e+1
187.04	25.834593254	2.5834593254e+1
187.05	25.835974488	2.5835974488e+1
187.06	25.837355722	2.5837355722e+1
187.07	25.838736955	2.5838736955e+1
187.08	25.840118189	2.5840118189e+1
187.09	25.841499422	2.5841499422e+1
187.1	25.842880656	2.5842880656e+1

187.11	25.84426189	2.584426189e+1
187.12	25.845643123	2.5845643123e+1
187.13	25.847024357	2.5847024357e+1
187.14	25.84840559	2.584840559e+1
187.15	25.849786824	2.5849786824e+1
187.16	25.851168058	2.5851168058e+1
187.17	25.852549291	2.5852549291e+1
187.18	25.853930525	2.5853930525e+1
187.19	25.855311758	2.5855311758e+1
187.2	25.856692992	2.5856692992e+1
187.21	25.858074226	2.5858074226e+1
187.22	25.859455459	2.5859455459e+1
187.23	25.860836693	2.5860836693e+1
187.24	25.862217926	2.5862217926e+1
187.25	25.86359916	2.586359916e+1
187.26	25.864980394	2.5864980394e+1
187.27	25.866361627	2.5866361627e+1
187.28	25.867742861	2.5867742861e+1
187.29	25.869124094	2.5869124094e+1
187.3	25.870505328	2.5870505328e+1
187.31	25.871886562	2.5871886562e+1
187.32	25.873267795	2.5873267795e+1
187.33	25.874649029	2.5874649029e+1
187.34	25.876030262	2.5876030262e+1
187.35	25.877411496	2.5877411496e+1
187.36	25.87879273	2.587879273e+1
187.37	25.880173963	2.5880173963e+1
187.38	25.881555197	2.5881555197e+1
187.39	25.88293643	2.588293643e+1
187.4	25.884317664	2.5884317664e+1
187.41	25.885698898	2.5885698898e+1
187.42	25.887080131	2.5887080131e+1
187.43	25.888461365	2.5888461365e+1
187.44	25.889842598	2.5889842598e+1
187.45	25.891223832	2.5891223832e+1
187.46	25.892605066	2.5892605066e+1
187.47	25.893986299	2.5893986299e+1
187.48	25.895367533	2.5895367533e+1

187.49	25.896748766	2.5896748766e+1
187.5	25.89813	2.589813e+1
187.51	25.899511234	2.5899511234e+1
187.52	25.900892467	2.5900892467e+1
187.53	25.902273701	2.5902273701e+1
187.54	25.903654934	2.5903654934e+1
187.55	25.905036168	2.5905036168e+1
187.56	25.906417402	2.5906417402e+1
187.57	25.907798635	2.5907798635e+1
187.58	25.909179869	2.5909179869e+1
187.59	25.910561102	2.5910561102e+1
187.6	25.911942336	2.5911942336e+1
187.61	25.91332357	2.591332357e+1
187.62	25.914704803	2.5914704803e+1
187.63	25.916086037	2.5916086037e+1
187.64	25.91746727	2.591746727e+1
187.65	25.918848504	2.5918848504e+1
187.66	25.920229738	2.5920229738e+1
187.67	25.921610971	2.5921610971e+1
187.68	25.922992205	2.5922992205e+1
187.69	25.924373438	2.5924373438e+1
187.7	25.925754672	2.5925754672e+1
187.71	25.927135906	2.5927135906e+1
187.72	25.928517139	2.5928517139e+1
187.73	25.929898373	2.5929898373e+1
187.74	25.931279606	2.5931279606e+1
187.75	25.93266084	2.593266084e+1
187.76	25.934042074	2.5934042074e+1
187.77	25.935423307	2.5935423307e+1
187.78	25.936804541	2.5936804541e+1
187.79	25.938185774	2.5938185774e+1
187.8	25.939567008	2.5939567008e+1
187.81	25.940948242	2.5940948242e+1
187.82	25.942329475	2.5942329475e+1
187.83	25.943710709	2.5943710709e+1
187.84	25.945091942	2.5945091942e+1
187.85	25.946473176	2.5946473176e+1
187.86	25.94785441	2.594785441e+1

187.87	25.949235643	2.5949235643e+1
187.88	25.950616877	2.5950616877e+1
187.89	25.95199811	2.595199811e+1
187.9	25.953379344	2.5953379344e+1
187.91	25.954760578	2.5954760578e+1
187.92	25.956141811	2.5956141811e+1
187.93	25.957523045	2.5957523045e+1
187.94	25.958904278	2.5958904278e+1
187.95	25.960285512	2.5960285512e+1
187.96	25.961666746	2.5961666746e+1
187.97	25.963047979	2.5963047979e+1
187.98	25.964429213	2.5964429213e+1
187.99	25.965810446	2.5965810446e+1
188	25.96719168	2.596719168e+1
188.01	25.968572914	2.5968572914e+1
188.02	25.969954147	2.5969954147e+1
188.03	25.971335381	2.5971335381e+1
188.04	25.972716614	2.5972716614e+1
188.05	25.974097848	2.5974097848e+1
188.06	25.975479082	2.5975479082e+1
188.07	25.976860315	2.5976860315e+1
188.08	25.978241549	2.5978241549e+1
188.09	25.979622782	2.5979622782e+1
188.1	25.981004016	2.5981004016e+1
188.11	25.98238525	2.598238525e+1
188.12	25.983766483	2.5983766483e+1
188.13	25.985147717	2.5985147717e+1
188.14	25.98652895	2.598652895e+1
188.15	25.987910184	2.5987910184e+1
188.16	25.989291418	2.5989291418e+1
188.17	25.990672651	2.5990672651e+1
188.18	25.992053885	2.5992053885e+1
188.19	25.993435118	2.5993435118e+1
188.2	25.994816352	2.5994816352e+1
188.21	25.996197586	2.5996197586e+1
188.22	25.997578819	2.5997578819e+1
188.23	25.998960053	2.5998960053e+1
188.24	26.000341286	2.6000341286e+1

188.25	26.00172252	2.600172252e+1
188.26	26.003103754	2.6003103754e+1
188.27	26.004484987	2.6004484987e+1
188.28	26.005866221	2.6005866221e+1
188.29	26.007247454	2.6007247454e+1
188.3	26.008628688	2.6008628688e+1
188.31	26.010009922	2.6010009922e+1
188.32	26.011391155	2.6011391155e+1
188.33	26.012772389	2.6012772389e+1
188.34	26.014153622	2.6014153622e+1
188.35	26.015534856	2.6015534856e+1
188.36	26.01691609	2.601691609e+1
188.37	26.018297323	2.6018297323e+1
188.38	26.019678557	2.6019678557e+1
188.39	26.02105979	2.602105979e+1
188.4	26.022441024	2.6022441024e+1
188.41	26.023822258	2.6023822258e+1
188.42	26.025203491	2.6025203491e+1
188.43	26.026584725	2.6026584725e+1
188.44	26.027965958	2.6027965958e+1
188.45	26.029347192	2.6029347192e+1
188.46	26.030728426	2.6030728426e+1
188.47	26.032109659	2.6032109659e+1
188.48	26.033490893	2.6033490893e+1
188.49	26.034872126	2.6034872126e+1
188.5	26.03625336	2.603625336e+1
188.51	26.037634594	2.6037634594e+1
188.52	26.039015827	2.6039015827e+1
188.53	26.040397061	2.6040397061e+1
188.54	26.041778294	2.6041778294e+1
188.55	26.043159528	2.6043159528e+1
188.56	26.044540762	2.6044540762e+1
188.57	26.045921995	2.6045921995e+1
188.58	26.047303229	2.6047303229e+1
188.59	26.048684462	2.6048684462e+1
188.6	26.050065696	2.6050065696e+1
188.61	26.05144693	2.605144693e+1
188.62	26.052828163	2.6052828163e+1

188.63	26.054209397	2.6054209397e+1
188.64	26.05559063	2.605559063e+1
188.65	26.056971864	2.6056971864e+1
188.66	26.058353098	2.6058353098e+1
188.67	26.059734331	2.6059734331e+1
188.68	26.061115565	2.6061115565e+1
188.69	26.062496798	2.6062496798e+1
188.7	26.063878032	2.6063878032e+1
188.71	26.065259266	2.6065259266e+1
188.72	26.066640499	2.6066640499e+1
188.73	26.068021733	2.6068021733e+1
188.74	26.069402966	2.6069402966e+1
188.75	26.0707842	2.60707842e+1
188.76	26.072165434	2.6072165434e+1
188.77	26.073546667	2.6073546667e+1
188.78	26.074927901	2.6074927901e+1
188.79	26.076309134	2.6076309134e+1
188.8	26.077690368	2.6077690368e+1
188.81	26.079071602	2.6079071602e+1
188.82	26.080452835	2.6080452835e+1
188.83	26.081834069	2.6081834069e+1
188.84	26.083215302	2.6083215302e+1
188.85	26.084596536	2.6084596536e+1
188.86	26.08597777	2.608597777e+1
188.87	26.087359003	2.6087359003e+1
188.88	26.088740237	2.6088740237e+1
188.89	26.09012147	2.609012147e+1
188.9	26.091502704	2.6091502704e+1
188.91	26.092883938	2.6092883938e+1
188.92	26.094265171	2.6094265171e+1
188.93	26.095646405	2.6095646405e+1
188.94	26.097027638	2.6097027638e+1
188.95	26.098408872	2.6098408872e+1
188.96	26.099790106	2.6099790106e+1
188.97	26.101171339	2.6101171339e+1
188.98	26.102552573	2.6102552573e+1
188.99	26.103933806	2.6103933806e+1
189	26.10531504	2.610531504e+1

189.01	26.106696274	2.6106696274e+1
189.02	26.108077507	2.6108077507e+1
189.03	26.109458741	2.6109458741e+1
189.04	26.110839974	2.6110839974e+1
189.05	26.112221208	2.6112221208e+1
189.06	26.113602442	2.6113602442e+1
189.07	26.114983675	2.6114983675e+1
189.08	26.116364909	2.6116364909e+1
189.09	26.117746142	2.6117746142e+1
189.1	26.119127376	2.6119127376e+1
189.11	26.12050861	2.612050861e+1
189.12	26.121889843	2.6121889843e+1
189.13	26.123271077	2.6123271077e+1
189.14	26.12465231	2.612465231e+1
189.15	26.126033544	2.6126033544e+1
189.16	26.127414778	2.6127414778e+1
189.17	26.128796011	2.6128796011e+1
189.18	26.130177245	2.6130177245e+1
189.19	26.131558478	2.6131558478e+1
189.2	26.132939712	2.6132939712e+1
189.21	26.134320946	2.6134320946e+1
189.22	26.135702179	2.6135702179e+1
189.23	26.137083413	2.6137083413e+1
189.24	26.138464646	2.6138464646e+1
189.25	26.13984588	2.613984588e+1
189.26	26.141227114	2.6141227114e+1
189.27	26.142608347	2.6142608347e+1
189.28	26.143989581	2.6143989581e+1
189.29	26.145370814	2.6145370814e+1
189.3	26.146752048	2.6146752048e+1
189.31	26.148133282	2.6148133282e+1
189.32	26.149514515	2.6149514515e+1
189.33	26.150895749	2.6150895749e+1
189.34	26.152276982	2.6152276982e+1
189.35	26.153658216	2.6153658216e+1
189.36	26.15503945	2.615503945e+1
189.37	26.156420683	2.6156420683e+1
189.38	26.157801917	2.6157801917e+1

189.39	26.15918315	2.615918315e+1
189.4	26.160564384	2.6160564384e+1
189.41	26.161945618	2.6161945618e+1
189.42	26.163326851	2.6163326851e+1
189.43	26.164708085	2.6164708085e+1
189.44	26.166089318	2.6166089318e+1
189.45	26.167470552	2.6167470552e+1
189.46	26.168851786	2.6168851786e+1
189.47	26.170233019	2.6170233019e+1
189.48	26.171614253	2.6171614253e+1
189.49	26.172995486	2.6172995486e+1
189.5	26.17437672	2.617437672e+1
189.51	26.175757954	2.6175757954e+1
189.52	26.177139187	2.6177139187e+1
189.53	26.178520421	2.6178520421e+1
189.54	26.179901654	2.6179901654e+1
189.55	26.181282888	2.6181282888e+1
189.56	26.182664122	2.6182664122e+1
189.57	26.184045355	2.6184045355e+1
189.58	26.185426589	2.6185426589e+1
189.59	26.186807822	2.6186807822e+1
189.6	26.188189056	2.6188189056e+1
189.61	26.18957029	2.618957029e+1
189.62	26.190951523	2.6190951523e+1
189.63	26.192332757	2.6192332757e+1
189.64	26.19371399	2.619371399e+1
189.65	26.195095224	2.6195095224e+1
189.66	26.196476458	2.6196476458e+1
189.67	26.197857691	2.6197857691e+1
189.68	26.199238925	2.6199238925e+1
189.69	26.200620158	2.6200620158e+1
189.7	26.202001392	2.6202001392e+1
189.71	26.203382626	2.6203382626e+1
189.72	26.204763859	2.6204763859e+1
189.73	26.206145093	2.6206145093e+1
189.74	26.207526326	2.6207526326e+1
189.75	26.20890756	2.620890756e+1
189.76	26.210288794	2.6210288794e+1

189.77	26.211670027	2.6211670027e+1
189.78	26.213051261	2.6213051261e+1
189.79	26.214432494	2.6214432494e+1
189.8	26.215813728	2.6215813728e+1
189.81	26.217194962	2.6217194962e+1
189.82	26.218576195	2.6218576195e+1
189.83	26.219957429	2.6219957429e+1
189.84	26.221338662	2.6221338662e+1
189.85	26.222719896	2.6222719896e+1
189.86	26.22410113	2.622410113e+1
189.87	26.225482363	2.6225482363e+1
189.88	26.226863597	2.6226863597e+1
189.89	26.22824483	2.622824483e+1
189.9	26.229626064	2.6229626064e+1
189.91	26.231007298	2.6231007298e+1
189.92	26.232388531	2.6232388531e+1
189.93	26.233769765	2.6233769765e+1
189.94	26.235150998	2.6235150998e+1
189.95	26.236532232	2.6236532232e+1
189.96	26.237913466	2.6237913466e+1
189.97	26.239294699	2.6239294699e+1
189.98	26.240675933	2.6240675933e+1
189.99	26.242057166	2.6242057166e+1
190	26.2434384	2.62434384e+1
190.01	26.244819634	2.6244819634e+1
190.02	26.246200867	2.6246200867e+1
190.03	26.247582101	2.6247582101e+1
190.04	26.248963334	2.6248963334e+1
190.05	26.250344568	2.6250344568e+1
190.06	26.251725802	2.6251725802e+1
190.07	26.253107035	2.6253107035e+1
190.08	26.254488269	2.6254488269e+1
190.09	26.255869502	2.6255869502e+1
190.1	26.257250736	2.6257250736e+1
190.11	26.25863197	2.625863197e+1
190.12	26.260013203	2.6260013203e+1
190.13	26.261394437	2.6261394437e+1
190.14	26.26277567	2.626277567e+1

190.15	26.264156904	2.6264156904e+1
190.16	26.265538138	2.6265538138e+1
190.17	26.266919371	2.6266919371e+1
190.18	26.268300605	2.6268300605e+1
190.19	26.269681838	2.6269681838e+1
190.2	26.271063072	2.6271063072e+1
190.21	26.272444306	2.6272444306e+1
190.22	26.273825539	2.6273825539e+1
190.23	26.275206773	2.6275206773e+1
190.24	26.276588006	2.6276588006e+1
190.25	26.27796924	2.627796924e+1
190.26	26.279350474	2.6279350474e+1
190.27	26.280731707	2.6280731707e+1
190.28	26.282112941	2.6282112941e+1
190.29	26.283494174	2.6283494174e+1
190.3	26.284875408	2.6284875408e+1
190.31	26.286256642	2.6286256642e+1
190.32	26.287637875	2.6287637875e+1
190.33	26.289019109	2.6289019109e+1
190.34	26.290400342	2.6290400342e+1
190.35	26.291781576	2.6291781576e+1
190.36	26.29316281	2.629316281e+1
190.37	26.294544043	2.6294544043e+1
190.38	26.295925277	2.6295925277e+1
190.39	26.29730651	2.629730651e+1
190.4	26.298687744	2.6298687744e+1
190.41	26.300068978	2.6300068978e+1
190.42	26.301450211	2.6301450211e+1
190.43	26.302831445	2.6302831445e+1
190.44	26.304212678	2.6304212678e+1
190.45	26.305593912	2.6305593912e+1
190.46	26.306975146	2.6306975146e+1
190.47	26.308356379	2.6308356379e+1
190.48	26.309737613	2.6309737613e+1
190.49	26.311118846	2.6311118846e+1
190.5	26.31250008	2.631250008e+1
190.51	26.313881314	2.6313881314e+1
190.52	26.315262547	2.6315262547e+1

190.53	26.316643781	2.6316643781e+1
190.54	26.318025014	2.6318025014e+1
190.55	26.319406248	2.6319406248e+1
190.56	26.320787482	2.6320787482e+1
190.57	26.322168715	2.6322168715e+1
190.58	26.323549949	2.6323549949e+1
190.59	26.324931182	2.6324931182e+1
190.6	26.326312416	2.6326312416e+1
190.61	26.32769365	2.632769365e+1
190.62	26.329074883	2.6329074883e+1
190.63	26.330456117	2.6330456117e+1
190.64	26.33183735	2.633183735e+1
190.65	26.333218584	2.6333218584e+1
190.66	26.334599818	2.6334599818e+1
190.67	26.335981051	2.6335981051e+1
190.68	26.337362285	2.6337362285e+1
190.69	26.338743518	2.6338743518e+1
190.7	26.340124752	2.6340124752e+1
190.71	26.341505986	2.6341505986e+1
190.72	26.342887219	2.6342887219e+1
190.73	26.344268453	2.6344268453e+1
190.74	26.345649686	2.6345649686e+1
190.75	26.34703092	2.634703092e+1
190.76	26.348412154	2.6348412154e+1
190.77	26.349793387	2.6349793387e+1
190.78	26.351174621	2.6351174621e+1
190.79	26.352555854	2.6352555854e+1
190.8	26.353937088	2.6353937088e+1
190.81	26.355318322	2.6355318322e+1
190.82	26.356699555	2.6356699555e+1
190.83	26.358080789	2.6358080789e+1
190.84	26.359462022	2.6359462022e+1
190.85	26.360843256	2.6360843256e+1
190.86	26.36222449	2.636222449e+1
190.87	26.363605723	2.6363605723e+1
190.88	26.364986957	2.6364986957e+1
190.89	26.36636819	2.636636819e+1
190.9	26.367749424	2.6367749424e+1

190.91	26.369130658	2.6369130658e+1
190.92	26.370511891	2.6370511891e+1
190.93	26.371893125	2.6371893125e+1
190.94	26.373274358	2.6373274358e+1
190.95	26.374655592	2.6374655592e+1
190.96	26.376036826	2.6376036826e+1
190.97	26.377418059	2.6377418059e+1
190.98	26.378799293	2.6378799293e+1
190.99	26.380180526	2.6380180526e+1
191	26.38156176	2.638156176e+1
191.01	26.382942994	2.6382942994e+1
191.02	26.384324227	2.6384324227e+1
191.03	26.385705461	2.6385705461e+1
191.04	26.387086694	2.6387086694e+1
191.05	26.388467928	2.6388467928e+1
191.06	26.389849162	2.6389849162e+1
191.07	26.391230395	2.6391230395e+1
191.08	26.392611629	2.6392611629e+1
191.09	26.393992862	2.6393992862e+1
191.1	26.395374096	2.6395374096e+1
191.11	26.396755533	2.6396755533e+1
191.12	26.398136563	2.6398136563e+1
191.13	26.399517797	2.6399517797e+1
191.14	26.40089903	2.640089903e+1
191.15	26.402280264	2.6402280264e+1
191.16	26.403661498	2.6403661498e+1
191.17	26.405042731	2.6405042731e+1
191.18	26.406423965	2.6406423965e+1
191.19	26.407805198	2.6407805198e+1
191.2	26.409186432	2.6409186432e+1
191.21	26.410567666	2.6410567666e+1
191.22	26.411948899	2.6411948899e+1
191.23	26.413330133	2.6413330133e+1
191.24	26.414711366	2.6414711366e+1
191.25	26.4160926	2.64160926e+1
191.26	26.417473834	2.6417473834e+1
191.27	26.418855067	2.6418855067e+1
191.28	26.420236301	2.6420236301e+1

191.29	26.421617534	2.6421617534e+1
191.3	26.422998768	2.6422998768e+1
191.31	26.424380002	2.6424380002e+1
191.32	26.425761235	2.6425761235e+1
191.33	26.427142469	2.6427142469e+1
191.34	26.428523702	2.6428523702e+1
191.35	26.429904936	2.6429904936e+1
191.36	26.43128617	2.643128617e+1
191.37	26.432667403	2.6432667403e+1
191.38	26.434048637	2.6434048637e+1
191.39	26.43542987	2.643542987e+1
191.4	26.436811104	2.6436811104e+1
191.41	26.438192338	2.6438192338e+1
191.42	26.439573571	2.6439573571e+1
191.43	26.440954805	2.6440954805e+1
191.44	26.442336038	2.6442336038e+1
191.45	26.443717272	2.6443717272e+1
191.46	26.445098506	2.6445098506e+1
191.47	26.446479739	2.6446479739e+1
191.48	26.447860973	2.6447860973e+1
191.49	26.449242206	2.6449242206e+1
191.5	26.45062344	2.645062344e+1
191.51	26.452004674	2.6452004674e+1
191.52	26.453385907	2.6453385907e+1
191.53	26.454767141	2.6454767141e+1
191.54	26.456148374	2.6456148374e+1
191.55	26.457529608	2.6457529608e+1
191.56	26.458910842	2.6458910842e+1
191.57	26.460292075	2.6460292075e+1
191.58	26.461673309	2.6461673309e+1
191.59	26.463054542	2.6463054542e+1
191.6	26.464435776	2.6464435776e+1
191.61	26.46581701	2.646581701e+1
191.62	26.467198243	2.6467198243e+1
191.63	26.468579477	2.6468579477e+1
191.64	26.46996071	2.646996071e+1
191.65	26.471341944	2.6471341944e+1
191.66	26.472723178	2.6472723178e+1

191.67	26.474104411	2.6474104411e+1
191.68	26.475485645	2.6475485645e+1
191.69	26.476866878	2.6476866878e+1
191.7	26.478248112	2.6478248112e+1
191.71	26.479629346	2.6479629346e+1
191.72	26.481010579	2.6481010579e+1
191.73	26.482391813	2.6482391813e+1
191.74	26.483773046	2.6483773046e+1
191.75	26.48515428	2.648515428e+1
191.76	26.486535514	2.6486535514e+1
191.77	26.487916747	2.6487916747e+1
191.78	26.489297981	2.6489297981e+1
191.79	26.490679214	2.6490679214e+1
191.8	26.492060448	2.6492060448e+1
191.81	26.493441682	2.6493441682e+1
191.82	26.494822915	2.6494822915e+1
191.83	26.496204149	2.6496204149e+1
191.84	26.497585382	2.6497585382e+1
191.85	26.498966616	2.6498966616e+1
191.86	26.50034785	2.650034785e+1
191.87	26.501729083	2.6501729083e+1
191.88	26.503110317	2.6503110317e+1
191.89	26.50449155	2.650449155e+1
191.9	26.505872784	2.6505872784e+1
191.91	26.507254018	2.6507254018e+1
191.92	26.508635251	2.6508635251e+1
191.93	26.510016485	2.6510016485e+1
191.94	26.511397718	2.6511397718e+1
191.95	26.512778952	2.6512778952e+1
191.96	26.514160186	2.6514160186e+1
191.97	26.515541419	2.6515541419e+1
191.98	26.516922653	2.6516922653e+1
191.99	26.518303886	2.6518303886e+1
192	26.51968512	2.651968512e+1
192.01	26.521066354	2.6521066354e+1
192.02	26.522447587	2.6522447587e+1
192.03	26.523828821	2.6523828821e+1
192.04	26.525210054	2.6525210054e+1

192.05	26.526591288	2.6526591288e+1
192.06	26.527972522	2.6527972522e+1
192.07	26.529353755	2.6529353755e+1
192.08	26.530734989	2.6530734989e+1
192.09	26.532116222	2.6532116222e+1
192.1	26.533497456	2.6533497456e+1
192.11	26.53487869	2.653487869e+1
192.12	26.536259923	2.6536259923e+1
192.13	26.537641157	2.6537641157e+1
192.14	26.53902239	2.653902239e+1
192.15	26.540403624	2.6540403624e+1
192.16	26.541784858	2.6541784858e+1
192.17	26.543166091	2.6543166091e+1
192.18	26.544547325	2.6544547325e+1
192.19	26.545928558	2.6545928558e+1
192.2	26.547309792	2.6547309792e+1
192.21	26.548691026	2.6548691026e+1
192.22	26.550072259	2.6550072259e+1
192.23	26.551453493	2.6551453493e+1
192.24	26.552834726	2.6552834726e+1
192.25	26.55421596	2.655421596e+1
192.26	26.555597194	2.6555597194e+1
192.27	26.556978427	2.6556978427e+1
192.28	26.558359661	2.6558359661e+1
192.29	26.559740894	2.6559740894e+1
192.3	26.561122128	2.6561122128e+1
192.31	26.562503362	2.6562503362e+1
192.32	26.563884595	2.6563884595e+1
192.33	26.565265829	2.6565265829e+1
192.34	26.566647062	2.6566647062e+1
192.35	26.568028296	2.6568028296e+1
192.36	26.56940953	2.656940953e+1
192.37	26.570790763	2.6570790763e+1
192.38	26.572171997	2.6572171997e+1
192.39	26.57355323	2.657355323e+1
192.4	26.574934464	2.6574934464e+1
192.41	26.576315698	2.6576315698e+1
192.42	26.577696931	2.6577696931e+1

192.43	26.579078165	2.6579078165e+1
192.44	26.580459398	2.6580459398e+1
192.45	26.581840632	2.6581840632e+1
192.46	26.583221866	2.6583221866e+1
192.47	26.584603099	2.6584603099e+1
192.48	26.585984333	2.6585984333e+1
192.49	26.587365566	2.6587365566e+1
192.5	26.5887468	2.65887468e+1
192.51	26.590128034	2.6590128034e+1
192.52	26.591509267	2.6591509267e+1
192.53	26.592890501	2.6592890501e+1
192.54	26.594271734	2.6594271734e+1
192.55	26.595652968	2.6595652968e+1
192.56	26.597034202	2.6597034202e+1
192.57	26.598415435	2.6598415435e+1
192.58	26.599796669	2.6599796669e+1
192.59	26.601177902	2.6601177902e+1
192.6	26.602559136	2.6602559136e+1
192.61	26.60394037	2.660394037e+1
192.62	26.605321603	2.6605321603e+1
192.63	26.606702837	2.6606702837e+1
192.64	26.60808407	2.660808407e+1
192.65	26.609465304	2.6609465304e+1
192.66	26.610846538	2.6610846538e+1
192.67	26.612227771	2.6612227771e+1
192.68	26.613609005	2.6613609005e+1
192.69	26.614990238	2.6614990238e+1
192.7	26.616371472	2.6616371472e+1
192.71	26.617752706	2.6617752706e+1
192.72	26.619133939	2.6619133939e+1
192.73	26.620515173	2.6620515173e+1
192.74	26.621896406	2.6621896406e+1
192.75	26.62327764	2.662327764e+1
192.76	26.624658874	2.6624658874e+1
192.77	26.626040107	2.6626040107e+1
192.78	26.627421341	2.6627421341e+1
192.79	26.628802574	2.6628802574e+1
192.8	26.630183808	2.6630183808e+1

192.81	26.631565042	2.6631565042e+1
192.82	26.632946275	2.6632946275e+1
192.83	26.634327509	2.6634327509e+1
192.84	26.635708742	2.6635708742e+1
192.85	26.637089976	2.6637089976e+1
192.86	26.63847121	2.663847121e+1
192.87	26.639852443	2.6639852443e+1
192.88	26.641233677	2.6641233677e+1
192.89	26.64261491	2.664261491e+1
192.9	26.643996144	2.6643996144e+1
192.91	26.645377378	2.6645377378e+1
192.92	26.646758611	2.6646758611e+1
192.93	26.648139845	2.6648139845e+1
192.94	26.649521078	2.6649521078e+1
192.95	26.650902312	2.6650902312e+1
192.96	26.652283546	2.6652283546e+1
192.97	26.653664779	2.6653664779e+1
192.98	26.655046013	2.6655046013e+1
192.99	26.656427246	2.6656427246e+1
193	26.65780848	2.665780848e+1
193.01	26.659189714	2.6659189714e+1
193.02	26.660570947	2.6660570947e+1
193.03	26.661952181	2.6661952181e+1
193.04	26.663333414	2.6663333414e+1
193.05	26.664714648	2.6664714648e+1
193.06	26.666095882	2.6666095882e+1
193.07	26.667477115	2.6667477115e+1
193.08	26.668858349	2.6668858349e+1
193.09	26.670239582	2.6670239582e+1
193.1	26.671620816	2.6671620816e+1
193.11	26.67300205	2.667300205e+1
193.12	26.674383283	2.6674383283e+1
193.13	26.675764517	2.6675764517e+1
193.14	26.67714575	2.667714575e+1
193.15	26.678526984	2.6678526984e+1
193.16	26.679908218	2.6679908218e+1
193.17	26.681289451	2.6681289451e+1
193.18	26.682670685	2.6682670685e+1

193.19	26.684051918	2.6684051918e+1
193.2	26.685433152	2.6685433152e+1
193.21	26.686814386	2.6686814386e+1
193.22	26.688195619	2.6688195619e+1
193.23	26.689576853	2.6689576853e+1
193.24	26.690958086	2.6690958086e+1
193.25	26.69233932	2.669233932e+1
193.26	26.693720554	2.6693720554e+1
193.27	26.695101787	2.6695101787e+1
193.28	26.696483021	2.6696483021e+1
193.29	26.697864254	2.6697864254e+1
193.3	26.699245488	2.6699245488e+1
193.31	26.700626722	2.6700626722e+1
193.32	26.702007955	2.6702007955e+1
193.33	26.703389189	2.6703389189e+1
193.34	26.704770422	2.6704770422e+1
193.35	26.706151656	2.6706151656e+1
193.36	26.70753289	2.670753289e+1
193.37	26.708914123	2.6708914123e+1
193.38	26.710295357	2.6710295357e+1
193.39	26.71167659	2.671167659e+1
193.4	26.713057824	2.6713057824e+1
193.41	26.714439058	2.6714439058e+1
193.42	26.715820291	2.6715820291e+1
193.43	26.717201525	2.6717201525e+1
193.44	26.718582758	2.6718582758e+1
193.45	26.719963992	2.6719963992e+1
193.46	26.721345226	2.6721345226e+1
193.47	26.722726459	2.6722726459e+1
193.48	26.724107693	2.6724107693e+1
193.49	26.725488926	2.6725488926e+1
193.5	26.72687016	2.672687016e+1
193.51	26.728251394	2.6728251394e+1
193.52	26.729632627	2.6729632627e+1
193.53	26.731013861	2.6731013861e+1
193.54	26.732395094	2.6732395094e+1
193.55	26.733776328	2.6733776328e+1
193.56	26.735157562	2.6735157562e+1

193.57	26.736538795	2.6736538795e+1
193.58	26.737920029	2.6737920029e+1
193.59	26.739301262	2.6739301262e+1
193.6	26.740682496	2.6740682496e+1
193.61	26.74206373	2.674206373e+1
193.62	26.743444963	2.6743444963e+1
193.63	26.744826197	2.6744826197e+1
193.64	26.74620743	2.674620743e+1
193.65	26.747588664	2.6747588664e+1
193.66	26.748969898	2.6748969898e+1
193.67	26.750351131	2.6750351131e+1
193.68	26.751732365	2.6751732365e+1
193.69	26.753113598	2.6753113598e+1
193.7	26.754494832	2.6754494832e+1
193.71	26.755876066	2.6755876066e+1
193.72	26.757257299	2.6757257299e+1
193.73	26.758638533	2.6758638533e+1
193.74	26.760019766	2.6760019766e+1
193.75	26.761401	2.6761401e+1
193.76	26.762782234	2.6762782234e+1
193.77	26.764163467	2.6764163467e+1
193.78	26.765544701	2.6765544701e+1
193.79	26.766925934	2.6766925934e+1
193.8	26.768307168	2.6768307168e+1
193.81	26.769688402	2.6769688402e+1
193.82	26.771069635	2.6771069635e+1
193.83	26.772450869	2.6772450869e+1
193.84	26.773832102	2.6773832102e+1
193.85	26.775213336	2.6775213336e+1
193.86	26.77659457	2.677659457e+1
193.87	26.777975803	2.6777975803e+1
193.88	26.779357037	2.6779357037e+1
193.89	26.78073827	2.678073827e+1
193.9	26.782119504	2.6782119504e+1
193.91	26.783500738	2.6783500738e+1
193.92	26.784881971	2.6784881971e+1
193.93	26.786263205	2.6786263205e+1
193.94	26.787644438	2.6787644438e+1

193.95	26.789025672	2.6789025672e+1
193.96	26.790406906	2.6790406906e+1
193.97	26.791788139	2.6791788139e+1
193.98	26.793169373	2.6793169373e+1
193.99	26.794550606	2.6794550606e+1
194	26.79593184	2.679593184e+1
194.01	26.797313074	2.6797313074e+1
194.02	26.798694307	2.6798694307e+1
194.03	26.800075541	2.6800075541e+1
194.04	26.801456774	2.6801456774e+1
194.05	26.802838008	2.6802838008e+1
194.06	26.804219242	2.6804219242e+1
194.07	26.805600475	2.6805600475e+1
194.08	26.806981709	2.6806981709e+1
194.09	26.808362942	2.6808362942e+1
194.1	26.809744176	2.6809744176e+1
194.11	26.81112541	2.681112541e+1
194.12	26.812506643	2.6812506643e+1
194.13	26.813887877	2.6813887877e+1
194.14	26.81526911	2.681526911e+1
194.15	26.816650344	2.6816650344e+1
194.16	26.818031578	2.6818031578e+1
194.17	26.819412811	2.6819412811e+1
194.18	26.820794045	2.6820794045e+1
194.19	26.822175278	2.6822175278e+1
194.2	26.823556512	2.6823556512e+1
194.21	26.824937746	2.6824937746e+1
194.22	26.826318979	2.6826318979e+1
194.23	26.827700213	2.6827700213e+1
194.24	26.829081446	2.6829081446e+1
194.25	26.83046268	2.683046268e+1
194.26	26.831843914	2.6831843914e+1
194.27	26.833225147	2.6833225147e+1
194.28	26.834606381	2.6834606381e+1
194.29	26.835987614	2.6835987614e+1
194.3	26.837368848	2.6837368848e+1
194.31	26.838750082	2.6838750082e+1
194.32	26.840131315	2.6840131315e+1

194.33	26.841512549	2.6841512549e+1
194.34	26.842893782	2.6842893782e+1
194.35	26.844275016	2.6844275016e+1
194.36	26.84565625	2.684565625e+1
194.37	26.847037483	2.6847037483e+1
194.38	26.848418717	2.6848418717e+1
194.39	26.84979995	2.684979995e+1
194.4	26.851181184	2.6851181184e+1
194.41	26.852562418	2.6852562418e+1
194.42	26.853943651	2.6853943651e+1
194.43	26.855324885	2.6855324885e+1
194.44	26.856706118	2.6856706118e+1
194.45	26.858087352	2.6858087352e+1
194.46	26.859468586	2.6859468586e+1
194.47	26.860849819	2.6860849819e+1
194.48	26.862231053	2.6862231053e+1
194.49	26.863612286	2.6863612286e+1
194.5	26.86499352	2.686499352e+1
194.51	26.866374754	2.6866374754e+1
194.52	26.867755987	2.6867755987e+1
194.53	26.869137221	2.6869137221e+1
194.54	26.870518454	2.6870518454e+1
194.55	26.871899688	2.6871899688e+1
194.56	26.873280922	2.6873280922e+1
194.57	26.874662155	2.6874662155e+1
194.58	26.876043389	2.6876043389e+1
194.59	26.877424622	2.6877424622e+1
194.6	26.878805856	2.6878805856e+1
194.61	26.88018709	2.688018709e+1
194.62	26.881568323	2.6881568323e+1
194.63	26.882949557	2.6882949557e+1
194.64	26.88433079	2.688433079e+1
194.65	26.885712024	2.6885712024e+1
194.66	26.887093258	2.6887093258e+1
194.67	26.888474491	2.6888474491e+1
194.68	26.889855725	2.6889855725e+1
194.69	26.891236958	2.6891236958e+1
194.7	26.892618192	2.6892618192e+1

194.71	26.893999426	2.6893999426e+1
194.72	26.895380659	2.6895380659e+1
194.73	26.896761893	2.6896761893e+1
194.74	26.898143126	2.6898143126e+1
194.75	26.89952436	2.689952436e+1
194.76	26.900905594	2.6900905594e+1
194.77	26.902286827	2.6902286827e+1
194.78	26.903668061	2.6903668061e+1
194.79	26.905049294	2.6905049294e+1
194.8	26.906430528	2.6906430528e+1
194.81	26.907811762	2.6907811762e+1
194.82	26.909192995	2.6909192995e+1
194.83	26.910574229	2.6910574229e+1
194.84	26.911955462	2.6911955462e+1
194.85	26.913336696	2.6913336696e+1
194.86	26.91471793	2.691471793e+1
194.87	26.916099163	2.6916099163e+1
194.88	26.917480397	2.6917480397e+1
194.89	26.91886163	2.691886163e+1
194.9	26.920242864	2.6920242864e+1
194.91	26.921624098	2.6921624098e+1
194.92	26.923005331	2.6923005331e+1
194.93	26.924386565	2.6924386565e+1
194.94	26.925767798	2.6925767798e+1
194.95	26.927149032	2.6927149032e+1
194.96	26.928530266	2.6928530266e+1
194.97	26.929911499	2.6929911499e+1
194.98	26.931292733	2.6931292733e+1
194.99	26.932673966	2.6932673966e+1
195	26.9340552	2.69340552e+1
195.01	26.935436434	2.6935436434e+1
195.02	26.936817667	2.6936817667e+1
195.03	26.938198901	2.6938198901e+1
195.04	26.939580134	2.6939580134e+1
195.05	26.940961368	2.6940961368e+1
195.06	26.942342602	2.6942342602e+1
195.07	26.943723835	2.6943723835e+1
195.08	26.945105069	2.6945105069e+1

195.09	26.946486302	2.6946486302e+1
195.1	26.947867536	2.6947867536e+1
195.11	26.94924877	2.694924877e+1
195.12	26.950630003	2.6950630003e+1
195.13	26.952011237	2.6952011237e+1
195.14	26.95339247	2.695339247e+1
195.15	26.954773704	2.6954773704e+1
195.16	26.956154938	2.6956154938e+1
195.17	26.957536171	2.6957536171e+1
195.18	26.958917405	2.6958917405e+1
195.19	26.960298638	2.6960298638e+1
195.2	26.961679872	2.6961679872e+1
195.21	26.963061106	2.6963061106e+1
195.22	26.964442339	2.6964442339e+1
195.23	26.965823573	2.6965823573e+1
195.24	26.967204806	2.6967204806e+1
195.25	26.96858604	2.696858604e+1
195.26	26.969967274	2.6969967274e+1
195.27	26.971348507	2.6971348507e+1
195.28	26.972729741	2.6972729741e+1
195.29	26.974110974	2.6974110974e+1
195.3	26.975492208	2.6975492208e+1
195.31	26.976873442	2.6976873442e+1
195.32	26.978254675	2.6978254675e+1
195.33	26.979635909	2.6979635909e+1
195.34	26.981017142	2.6981017142e+1
195.35	26.982398376	2.6982398376e+1
195.36	26.98377961	2.698377961e+1
195.37	26.985160843	2.6985160843e+1
195.38	26.986542077	2.6986542077e+1
195.39	26.98792331	2.698792331e+1
195.4	26.989304544	2.6989304544e+1
195.41	26.990685778	2.6990685778e+1
195.42	26.992067011	2.6992067011e+1
195.43	26.993448245	2.6993448245e+1
195.44	26.994829478	2.6994829478e+1
195.45	26.996210712	2.6996210712e+1
195.46	26.997591946	2.6997591946e+1

195.47	26.998973179	2.6998973179e+1
195.48	27.000354413	2.7000354413e+1
195.49	27.001735646	2.7001735646e+1
195.5	27.00311688	2.700311688e+1
195.51	27.004498114	2.7004498114e+1
195.52	27.005879347	2.7005879347e+1
195.53	27.007260581	2.7007260581e+1
195.54	27.008641814	2.7008641814e+1
195.55	27.010023048	2.7010023048e+1
195.56	27.011404282	2.7011404282e+1
195.57	27.012785515	2.7012785515e+1
195.58	27.014166749	2.7014166749e+1
195.59	27.015547982	2.7015547982e+1
195.6	27.016929216	2.7016929216e+1
195.61	27.01831045	2.701831045e+1
195.62	27.019691683	2.7019691683e+1
195.63	27.021072917	2.7021072917e+1
195.64	27.02245415	2.702245415e+1
195.65	27.023835384	2.7023835384e+1
195.66	27.025216618	2.7025216618e+1
195.67	27.026597851	2.7026597851e+1
195.68	27.027979085	2.7027979085e+1
195.69	27.029360318	2.7029360318e+1
195.7	27.030741552	2.7030741552e+1
195.71	27.032122786	2.7032122786e+1
195.72	27.033504019	2.7033504019e+1
195.73	27.034885253	2.7034885253e+1
195.74	27.036266486	2.7036266486e+1
195.75	27.03764772	2.703764772e+1
195.76	27.039028954	2.7039028954e+1
195.77	27.040410187	2.7040410187e+1
195.78	27.041791421	2.7041791421e+1
195.79	27.043172654	2.7043172654e+1
195.8	27.044553888	2.7044553888e+1
195.81	27.045935122	2.7045935122e+1
195.82	27.047316355	2.7047316355e+1
195.83	27.048697589	2.7048697589e+1
195.84	27.050078822	2.7050078822e+1

195.85	27.051460056	2.7051460056e+1
195.86	27.05284129	2.705284129e+1
195.87	27.054222523	2.7054222523e+1
195.88	27.055603757	2.7055603757e+1
195.89	27.05698499	2.705698499e+1
195.9	27.058366224	2.7058366224e+1
195.91	27.059747458	2.7059747458e+1
195.92	27.061128691	2.7061128691e+1
195.93	27.062509925	2.7062509925e+1
195.94	27.063891158	2.7063891158e+1
195.95	27.065272392	2.7065272392e+1
195.96	27.066653626	2.7066653626e+1
195.97	27.068034859	2.7068034859e+1
195.98	27.069416093	2.7069416093e+1
195.99	27.070797326	2.7070797326e+1
196	27.07217856	2.707217856e+1
196.01	27.073559794	2.7073559794e+1
196.02	27.074941027	2.7074941027e+1
196.03	27.076322261	2.7076322261e+1
196.04	27.077703494	2.7077703494e+1
196.05	27.079084728	2.7079084728e+1
196.06	27.080465962	2.7080465962e+1
196.07	27.081847195	2.7081847195e+1
196.08	27.083228429	2.7083228429e+1
196.09	27.084609662	2.7084609662e+1
196.1	27.085990896	2.7085990896e+1
196.11	27.08737213	2.708737213e+1
196.12	27.088753363	2.7088753363e+1
196.13	27.090134597	2.7090134597e+1
196.14	27.09151583	2.709151583e+1
196.15	27.092897064	2.7092897064e+1
196.16	27.094278298	2.7094278298e+1
196.17	27.095659531	2.7095659531e+1
196.18	27.097040765	2.7097040765e+1
196.19	27.098421998	2.7098421998e+1
196.2	27.099803232	2.7099803232e+1
196.21	27.101184466	2.7101184466e+1
196.22	27.102565699	2.7102565699e+1

196.23	27.103946933	2.7103946933e+1
196.24	27.105328166	2.7105328166e+1
196.25	27.1067094	2.71067094e+1
196.26	27.108090634	2.7108090634e+1
196.27	27.109471867	2.7109471867e+1
196.28	27.110853101	2.7110853101e+1
196.29	27.112234334	2.7112234334e+1
196.3	27.113615568	2.7113615568e+1
196.31	27.114996802	2.7114996802e+1
196.32	27.116378035	2.7116378035e+1
196.33	27.117759269	2.7117759269e+1
196.34	27.119140502	2.7119140502e+1
196.35	27.120521736	2.7120521736e+1
196.36	27.12190297	2.712190297e+1
196.37	27.123284203	2.7123284203e+1
196.38	27.124665437	2.7124665437e+1
196.39	27.12604667	2.712604667e+1
196.4	27.127427904	2.7127427904e+1
196.41	27.128809138	2.7128809138e+1
196.42	27.130190371	2.7130190371e+1
196.43	27.131571605	2.7131571605e+1
196.44	27.132952838	2.7132952838e+1
196.45	27.134334072	2.7134334072e+1
196.46	27.135715306	2.7135715306e+1
196.47	27.137096539	2.7137096539e+1
196.48	27.138477773	2.7138477773e+1
196.49	27.139859006	2.7139859006e+1
196.5	27.14124024	2.714124024e+1
196.51	27.142621474	2.7142621474e+1
196.52	27.144002707	2.7144002707e+1
196.53	27.145383941	2.7145383941e+1
196.54	27.146765174	2.7146765174e+1
196.55	27.148146408	2.7148146408e+1
196.56	27.149527642	2.7149527642e+1
196.57	27.150908875	2.7150908875e+1
196.58	27.152290109	2.7152290109e+1
196.59	27.153671342	2.7153671342e+1
196.6	27.155052576	2.7155052576e+1

196.61	27.15643381	2.715643381e+1
196.62	27.157815043	2.7157815043e+1
196.63	27.159196277	2.7159196277e+1
196.64	27.16057751	2.716057751e+1
196.65	27.161958744	2.7161958744e+1
196.66	27.163339978	2.7163339978e+1
196.67	27.164721211	2.7164721211e+1
196.68	27.166102445	2.7166102445e+1
196.69	27.167483678	2.7167483678e+1
196.7	27.168864912	2.7168864912e+1
196.71	27.170246146	2.7170246146e+1
196.72	27.171627379	2.7171627379e+1
196.73	27.173008613	2.7173008613e+1
196.74	27.174389846	2.7174389846e+1
196.75	27.17577108	2.717577108e+1
196.76	27.177152314	2.7177152314e+1
196.77	27.178533547	2.7178533547e+1
196.78	27.179914781	2.7179914781e+1
196.79	27.181296014	2.7181296014e+1
196.8	27.182677248	2.7182677248e+1
196.81	27.184058482	2.7184058482e+1
196.82	27.185439715	2.7185439715e+1
196.83	27.186820949	2.7186820949e+1
196.84	27.188202182	2.7188202182e+1
196.85	27.189583416	2.7189583416e+1
196.86	27.19096465	2.719096465e+1
196.87	27.192345883	2.7192345883e+1
196.88	27.193727117	2.7193727117e+1
196.89	27.19510835	2.719510835e+1
196.9	27.196489584	2.7196489584e+1
196.91	27.197870818	2.7197870818e+1
196.92	27.199252051	2.7199252051e+1
196.93	27.200633285	2.7200633285e+1
196.94	27.202014518	2.7202014518e+1
196.95	27.203395752	2.7203395752e+1
196.96	27.204776986	2.7204776986e+1
196.97	27.206158219	2.7206158219e+1
196.98	27.207539453	2.7207539453e+1

196.99	27.208920686	2.7208920686e+1
197	27.21030192	2.721030192e+1
197.01	27.211683154	2.7211683154e+1
197.02	27.213064387	2.7213064387e+1
197.03	27.214445621	2.7214445621e+1
197.04	27.215826854	2.7215826854e+1
197.05	27.217208088	2.7217208088e+1
197.06	27.218589322	2.7218589322e+1
197.07	27.219970555	2.7219970555e+1
197.08	27.221351789	2.7221351789e+1
197.09	27.222733022	2.7222733022e+1
197.1	27.224114256	2.7224114256e+1
197.11	27.22549549	2.722549549e+1
197.12	27.226876723	2.7226876723e+1
197.13	27.228257957	2.7228257957e+1
197.14	27.22963919	2.722963919e+1
197.15	27.231020424	2.7231020424e+1
197.16	27.232401658	2.7232401658e+1
197.17	27.233782891	2.7233782891e+1
197.18	27.235164125	2.7235164125e+1
197.19	27.236545358	2.7236545358e+1
197.2	27.237926592	2.7237926592e+1
197.21	27.239307826	2.7239307826e+1
197.22	27.240689059	2.7240689059e+1
197.23	27.242070293	2.7242070293e+1
197.24	27.243451526	2.7243451526e+1
197.25	27.24483276	2.724483276e+1
197.26	27.246213994	2.7246213994e+1
197.27	27.247595227	2.7247595227e+1
197.28	27.248976461	2.7248976461e+1
197.29	27.250357694	2.7250357694e+1
197.3	27.251738928	2.7251738928e+1
197.31	27.253120162	2.7253120162e+1
197.32	27.254501395	2.7254501395e+1
197.33	27.255882629	2.7255882629e+1
197.34	27.257263862	2.7257263862e+1
197.35	27.258645096	2.7258645096e+1
197.36	27.26002633	2.726002633e+1

197.37	27.261407563	2.7261407563e+1
197.38	27.262788797	2.7262788797e+1
197.39	27.26417003	2.726417003e+1
197.4	27.265551264	2.7265551264e+1
197.41	27.266932498	2.7266932498e+1
197.42	27.268313731	2.7268313731e+1
197.43	27.269694965	2.7269694965e+1
197.44	27.271076198	2.7271076198e+1
197.45	27.272457432	2.7272457432e+1
197.46	27.273838666	2.7273838666e+1
197.47	27.275219899	2.7275219899e+1
197.48	27.276601133	2.7276601133e+1
197.49	27.277982366	2.7277982366e+1
197.5	27.2793636	2.72793636e+1
197.51	27.280744834	2.7280744834e+1
197.52	27.282126067	2.7282126067e+1
197.53	27.283507301	2.7283507301e+1
197.54	27.284888534	2.7284888534e+1
197.55	27.286269768	2.7286269768e+1
197.56	27.287651002	2.7287651002e+1
197.57	27.289032235	2.7289032235e+1
197.58	27.290413469	2.7290413469e+1
197.59	27.291794702	2.7291794702e+1
197.6	27.293175936	2.7293175936e+1
197.61	27.29455717	2.729455717e+1
197.62	27.295938403	2.7295938403e+1
197.63	27.297319637	2.7297319637e+1
197.64	27.29870087	2.729870087e+1
197.65	27.300082104	2.7300082104e+1
197.66	27.301463338	2.7301463338e+1
197.67	27.302844571	2.7302844571e+1
197.68	27.304225805	2.7304225805e+1
197.69	27.305607038	2.7305607038e+1
197.7	27.306988272	2.7306988272e+1
197.71	27.308369506	2.7308369506e+1
197.72	27.309750739	2.7309750739e+1
197.73	27.311131973	2.7311131973e+1
197.74	27.312513206	2.7312513206e+1

197.75	27.31389444	2.731389444e+1
197.76	27.315275674	2.7315275674e+1
197.77	27.316656907	2.7316656907e+1
197.78	27.318038141	2.7318038141e+1
197.79	27.319419374	2.7319419374e+1
197.8	27.320800608	2.7320800608e+1
197.81	27.322181842	2.7322181842e+1
197.82	27.323563075	2.7323563075e+1
197.83	27.324944309	2.7324944309e+1
197.84	27.326325542	2.7326325542e+1
197.85	27.327706776	2.7327706776e+1
197.86	27.32908801	2.732908801e+1
197.87	27.330469243	2.7330469243e+1
197.88	27.331850477	2.7331850477e+1
197.89	27.33323171	2.733323171e+1
197.9	27.334612944	2.7334612944e+1
197.91	27.335994178	2.7335994178e+1
197.92	27.337375411	2.7337375411e+1
197.93	27.338756645	2.7338756645e+1
197.94	27.340137878	2.7340137878e+1
197.95	27.341519112	2.7341519112e+1
197.96	27.342900346	2.7342900346e+1
197.97	27.344281579	2.7344281579e+1
197.98	27.345662813	2.7345662813e+1
197.99	27.347044046	2.7347044046e+1
198	27.34842528	2.734842528e+1
198.01	27.349806514	2.7349806514e+1
198.02	27.351187747	2.7351187747e+1
198.03	27.352568981	2.7352568981e+1
198.04	27.353950214	2.7353950214e+1
198.05	27.355331448	2.7355331448e+1
198.06	27.356712682	2.7356712682e+1
198.07	27.358093915	2.7358093915e+1
198.08	27.359475149	2.7359475149e+1
198.09	27.360856382	2.7360856382e+1
198.1	27.362237616	2.7362237616e+1
198.11	27.36361885	2.736361885e+1
198.12	27.365000083	2.7365000083e+1

198.13	27.366381317	2.7366381317e+1
198.14	27.36776255	2.736776255e+1
198.15	27.369143784	2.7369143784e+1
198.16	27.370525018	2.7370525018e+1
198.17	27.371906251	2.7371906251e+1
198.18	27.373287485	2.7373287485e+1
198.19	27.374668718	2.7374668718e+1
198.2	27.376049952	2.7376049952e+1
198.21	27.377431186	2.7377431186e+1
198.22	27.378812419	2.7378812419e+1
198.23	27.380193653	2.7380193653e+1
198.24	27.381574886	2.7381574886e+1
198.25	27.38295612	2.738295612e+1
198.26	27.384337354	2.7384337354e+1
198.27	27.385718587	2.7385718587e+1
198.28	27.387099821	2.7387099821e+1
198.29	27.388481054	2.7388481054e+1
198.3	27.389862288	2.7389862288e+1
198.31	27.391243522	2.7391243522e+1
198.32	27.392624755	2.7392624755e+1
198.33	27.394005989	2.7394005989e+1
198.34	27.395387222	2.7395387222e+1
198.35	27.396768456	2.7396768456e+1
198.36	27.39814969	2.739814969e+1
198.37	27.399530923	2.7399530923e+1
198.38	27.400912157	2.7400912157e+1
198.39	27.40229339	2.740229339e+1
198.4	27.403674624	2.7403674624e+1
198.41	27.405055858	2.7405055858e+1
198.42	27.406437091	2.7406437091e+1
198.43	27.407818325	2.7407818325e+1
198.44	27.409199558	2.7409199558e+1
198.45	27.410580792	2.7410580792e+1
198.46	27.411962026	2.7411962026e+1
198.47	27.413343259	2.7413343259e+1
198.48	27.414724493	2.7414724493e+1
198.49	27.416105726	2.7416105726e+1
198.5	27.41748696	2.741748696e+1

198.51	27.418868194	2.7418868194e+1
198.52	27.420249427	2.7420249427e+1
198.53	27.421630661	2.7421630661e+1
198.54	27.423011894	2.7423011894e+1
198.55	27.424393128	2.7424393128e+1
198.56	27.425774362	2.7425774362e+1
198.57	27.427155595	2.7427155595e+1
198.58	27.428536829	2.7428536829e+1
198.59	27.429918062	2.7429918062e+1
198.6	27.431299296	2.7431299296e+1
198.61	27.43268053	2.743268053e+1
198.62	27.434061763	2.7434061763e+1
198.63	27.435442997	2.7435442997e+1
198.64	27.43682423	2.743682423e+1
198.65	27.438205464	2.7438205464e+1
198.66	27.439586698	2.7439586698e+1
198.67	27.440967931	2.7440967931e+1
198.68	27.442349165	2.7442349165e+1
198.69	27.443730398	2.7443730398e+1
198.7	27.445111632	2.7445111632e+1
198.71	27.446492866	2.7446492866e+1
198.72	27.447874099	2.7447874099e+1
198.73	27.449255333	2.7449255333e+1
198.74	27.450636566	2.7450636566e+1
198.75	27.4520178	2.74520178e+1
198.76	27.453399034	2.7453399034e+1
198.77	27.454780267	2.7454780267e+1
198.78	27.456161501	2.7456161501e+1
198.79	27.457542734	2.7457542734e+1
198.8	27.458923968	2.7458923968e+1
198.81	27.460305202	2.7460305202e+1
198.82	27.461686435	2.7461686435e+1
198.83	27.463067669	2.7463067669e+1
198.84	27.464448902	2.7464448902e+1
198.85	27.465830136	2.7465830136e+1
198.86	27.46721137	2.746721137e+1
198.87	27.468592603	2.7468592603e+1
198.88	27.469973837	2.7469973837e+1

198.89	27.47135507	2.747135507e+1
198.9	27.472736304	2.7472736304e+1
198.91	27.474117538	2.7474117538e+1
198.92	27.475498771	2.7475498771e+1
198.93	27.476880005	2.7476880005e+1
198.94	27.478261238	2.7478261238e+1
198.95	27.479642472	2.7479642472e+1
198.96	27.481023706	2.7481023706e+1
198.97	27.482404939	2.7482404939e+1
198.98	27.483786173	2.7483786173e+1
198.99	27.485167406	2.7485167406e+1
199	27.48654864	2.748654864e+1
199.01	27.487929874	2.7487929874e+1
199.02	27.489311107	2.7489311107e+1
199.03	27.490692341	2.7490692341e+1
199.04	27.492073574	2.7492073574e+1
199.05	27.493454808	2.7493454808e+1
199.06	27.494836042	2.7494836042e+1
199.07	27.496217275	2.7496217275e+1
199.08	27.497598509	2.7497598509e+1
199.09	27.498979742	2.7498979742e+1
199.1	27.500360976	2.7500360976e+1
199.11	27.50174221	2.750174221e+1
199.12	27.503123443	2.7503123443e+1
199.13	27.504504677	2.7504504677e+1
199.14	27.50588591	2.750588591e+1
199.15	27.507267144	2.7507267144e+1
199.16	27.508648378	2.7508648378e+1
199.17	27.510029611	2.7510029611e+1
199.18	27.511410845	2.7511410845e+1
199.19	27.512792078	2.7512792078e+1
199.2	27.514173312	2.7514173312e+1
199.21	27.515554546	2.7515554546e+1
199.22	27.516935779	2.7516935779e+1
199.23	27.518317013	2.7518317013e+1
199.24	27.519698246	2.7519698246e+1
199.25	27.52107948	2.752107948e+1
199.26	27.522460714	2.7522460714e+1

199.27	27.523841947	2.7523841947e+1
199.28	27.525223181	2.7525223181e+1
199.29	27.526604414	2.7526604414e+1
199.3	27.527985648	2.7527985648e+1
199.31	27.529366882	2.7529366882e+1
199.32	27.530748115	2.7530748115e+1
199.33	27.532129349	2.7532129349e+1
199.34	27.533510582	2.7533510582e+1
199.35	27.534891816	2.7534891816e+1
199.36	27.53627305	2.753627305e+1
199.37	27.537654283	2.7537654283e+1
199.38	27.539035517	2.7539035517e+1
199.39	27.54041675	2.754041675e+1
199.4	27.541797984	2.7541797984e+1
199.41	27.543179218	2.7543179218e+1
199.42	27.544560451	2.7544560451e+1
199.43	27.545941685	2.7545941685e+1
199.44	27.547322918	2.7547322918e+1
199.45	27.548704152	2.7548704152e+1
199.46	27.550085386	2.7550085386e+1
199.47	27.551466619	2.7551466619e+1
199.48	27.552847853	2.7552847853e+1
199.49	27.554229086	2.7554229086e+1
199.5	27.55561032	2.755561032e+1
199.51	27.556991554	2.7556991554e+1
199.52	27.558372787	2.7558372787e+1
199.53	27.559754021	2.7559754021e+1
199.54	27.561135254	2.7561135254e+1
199.55	27.562516488	2.7562516488e+1
199.56	27.563897722	2.7563897722e+1
199.57	27.565278955	2.7565278955e+1
199.58	27.566660189	2.7566660189e+1
199.59	27.568041422	2.7568041422e+1
199.6	27.569422656	2.7569422656e+1
199.61	27.57080389	2.757080389e+1
199.62	27.572185123	2.7572185123e+1
199.63	27.573566357	2.7573566357e+1
199.64	27.57494759	2.757494759e+1

199.65	27.576328824	2.7576328824e+1
199.66	27.577710058	2.7577710058e+1
199.67	27.579091291	2.7579091291e+1
199.68	27.580472525	2.7580472525e+1
199.69	27.581853758	2.7581853758e+1
199.7	27.583234992	2.7583234992e+1
199.71	27.584616226	2.7584616226e+1
199.72	27.585997459	2.7585997459e+1
199.73	27.587378693	2.7587378693e+1
199.74	27.588759926	2.7588759926e+1
199.75	27.59014116	2.759014116e+1
199.76	27.591522394	2.7591522394e+1
199.77	27.592903627	2.7592903627e+1
199.78	27.594284861	2.7594284861e+1
199.79	27.595666094	2.7595666094e+1
199.8	27.597047328	2.7597047328e+1
199.81	27.598428562	2.7598428562e+1
199.82	27.599809795	2.7599809795e+1
199.83	27.601191029	2.7601191029e+1
199.84	27.602572262	2.7602572262e+1
199.85	27.603953496	2.7603953496e+1
199.86	27.60533473	2.760533473e+1
199.87	27.606715963	2.7606715963e+1
199.88	27.608097197	2.7608097197e+1
199.89	27.60947843	2.760947843e+1
199.9	27.610859664	2.7610859664e+1
199.91	27.612240898	2.7612240898e+1
199.92	27.613622131	2.7613622131e+1
199.93	27.615003365	2.7615003365e+1
199.94	27.616384598	2.7616384598e+1
199.95	27.617765832	2.7617765832e+1
199.96	27.619147066	2.7619147066e+1
199.97	27.620528299	2.7620528299e+1
199.98	27.621909533	2.7621909533e+1
199.99	27.623290766	2.7623290766e+1
200	27.624672	2.7624672e+1
200.01	27.626053234	2.7626053234e+1
200.02	27.627434467	2.7627434467e+1

200.03	27.628815701	2.7628815701e+1
200.04	27.630196934	2.7630196934e+1
200.05	27.631578168	2.7631578168e+1
200.06	27.632959402	2.7632959402e+1
200.07	27.634340635	2.7634340635e+1
200.08	27.635721869	2.7635721869e+1
200.09	27.637103102	2.7637103102e+1
200.1	27.638484336	2.7638484336e+1
200.11	27.63986557	2.763986557e+1
200.12	27.641246803	2.7641246803e+1
200.13	27.642628037	2.7642628037e+1
200.14	27.64400927	2.764400927e+1
200.15	27.645390504	2.7645390504e+1
200.16	27.646771738	2.7646771738e+1
200.17	27.648152971	2.7648152971e+1
200.18	27.649534205	2.7649534205e+1
200.19	27.650915438	2.7650915438e+1
200.2	27.652296672	2.7652296672e+1
200.21	27.653677906	2.7653677906e+1
200.22	27.655059139	2.7655059139e+1
200.23	27.656440373	2.7656440373e+1
200.24	27.657821606	2.7657821606e+1
200.25	27.65920284	2.765920284e+1
200.26	27.660584074	2.7660584074e+1
200.27	27.661965307	2.7661965307e+1
200.28	27.663346541	2.7663346541e+1
200.29	27.664727774	2.7664727774e+1
200.3	27.666109008	2.7666109008e+1
200.31	27.667490242	2.7667490242e+1
200.32	27.668871475	2.7668871475e+1
200.33	27.670252709	2.7670252709e+1
200.34	27.671633942	2.7671633942e+1
200.35	27.673015176	2.7673015176e+1
200.36	27.67439641	2.767439641e+1
200.37	27.675777643	2.7675777643e+1
200.38	27.677158877	2.7677158877e+1
200.39	27.67854011	2.767854011e+1
200.4	27.679921344	2.7679921344e+1

200.41	27.681302578	2.7681302578e+1
200.42	27.682683811	2.7682683811e+1
200.43	27.684065045	2.7684065045e+1
200.44	27.685446278	2.7685446278e+1
200.45	27.686827512	2.7686827512e+1
200.46	27.688208746	2.7688208746e+1
200.47	27.689589979	2.7689589979e+1
200.48	27.690971213	2.7690971213e+1
200.49	27.692352446	2.7692352446e+1
200.5	27.69373368	2.769373368e+1
200.51	27.695114914	2.7695114914e+1
200.52	27.696496147	2.7696496147e+1
200.53	27.697877381	2.7697877381e+1
200.54	27.699258614	2.7699258614e+1
200.55	27.700639848	2.7700639848e+1
200.56	27.702021082	2.7702021082e+1
200.57	27.703402315	2.7703402315e+1
200.58	27.704783549	2.7704783549e+1
200.59	27.706164782	2.7706164782e+1
200.6	27.707546016	2.7707546016e+1
200.61	27.70892725	2.770892725e+1
200.62	27.710308483	2.7710308483e+1
200.63	27.711689717	2.7711689717e+1
200.64	27.71307095	2.771307095e+1
200.65	27.714452184	2.7714452184e+1
200.66	27.715833418	2.7715833418e+1
200.67	27.717214651	2.7717214651e+1
200.68	27.718595885	2.7718595885e+1
200.69	27.719977118	2.7719977118e+1
200.7	27.721358352	2.7721358352e+1
200.71	27.722739586	2.7722739586e+1
200.72	27.724120819	2.7724120819e+1
200.73	27.725502053	2.7725502053e+1
200.74	27.726883286	2.7726883286e+1
200.75	27.72826452	2.772826452e+1
200.76	27.729645754	2.7729645754e+1
200.77	27.731026987	2.7731026987e+1
200.78	27.732408221	2.7732408221e+1

200.79	27.733789454	2.7733789454e+1
200.8	27.735170688	2.7735170688e+1
200.81	27.736551922	2.7736551922e+1
200.82	27.737933155	2.7737933155e+1
200.83	27.739314389	2.7739314389e+1
200.84	27.740695622	2.7740695622e+1
200.85	27.742076856	2.7742076856e+1
200.86	27.74345809	2.774345809e+1
200.87	27.744839323	2.7744839323e+1
200.88	27.746220557	2.7746220557e+1
200.89	27.74760179	2.774760179e+1
200.9	27.748983024	2.7748983024e+1
200.91	27.750364258	2.7750364258e+1
200.92	27.751745491	2.7751745491e+1
200.93	27.753126725	2.7753126725e+1
200.94	27.754507958	2.7754507958e+1
200.95	27.755889192	2.7755889192e+1
200.96	27.757270426	2.7757270426e+1
200.97	27.758651659	2.7758651659e+1
200.98	27.760032893	2.7760032893e+1
200.99	27.761414126	2.7761414126e+1
201	27.76279536	2.776279536e+1
201.01	27.764176594	2.7764176594e+1
201.02	27.765557827	2.7765557827e+1
201.03	27.766939061	2.7766939061e+1
201.04	27.768320294	2.7768320294e+1
201.05	27.769701528	2.7769701528e+1
201.06	27.771082762	2.7771082762e+1
201.07	27.772463995	2.7772463995e+1
201.08	27.773845229	2.7773845229e+1
201.09	27.775226462	2.7775226462e+1
201.1	27.776607696	2.7776607696e+1
201.11	27.77798893	2.777798893e+1
201.12	27.779370163	2.7779370163e+1
201.13	27.780751397	2.7780751397e+1
201.14	27.78213263	2.778213263e+1
201.15	27.783513864	2.7783513864e+1
201.16	27.784895098	2.7784895098e+1

201.17	27.786276331	2.7786276331e+1
201.18	27.787657565	2.7787657565e+1
201.19	27.789038798	2.7789038798e+1
201.2	27.790420032	2.7790420032e+1
201.21	27.791801266	2.7791801266e+1
201.22	27.793182499	2.7793182499e+1
201.23	27.794563733	2.7794563733e+1
201.24	27.795944966	2.7795944966e+1
201.25	27.7973262	2.77973262e+1
201.26	27.798707434	2.7798707434e+1
201.27	27.800088667	2.7800088667e+1
201.28	27.801469901	2.7801469901e+1
201.29	27.802851134	2.7802851134e+1
201.3	27.804232368	2.7804232368e+1
201.31	27.805613602	2.7805613602e+1
201.32	27.806994835	2.7806994835e+1
201.33	27.808376069	2.7808376069e+1
201.34	27.809757302	2.7809757302e+1
201.35	27.811138536	2.7811138536e+1
201.36	27.81251977	2.781251977e+1
201.37	27.813901003	2.7813901003e+1
201.38	27.815282237	2.7815282237e+1
201.39	27.81666347	2.781666347e+1
201.4	27.818044704	2.7818044704e+1
201.41	27.819425938	2.7819425938e+1
201.42	27.820807171	2.7820807171e+1
201.43	27.822188405	2.7822188405e+1
201.44	27.823569638	2.7823569638e+1
201.45	27.824950872	2.7824950872e+1
201.46	27.826332106	2.7826332106e+1
201.47	27.827713339	2.7827713339e+1
201.48	27.829094573	2.7829094573e+1
201.49	27.830475806	2.7830475806e+1
201.5	27.83185704	2.783185704e+1
201.51	27.833238274	2.7833238274e+1
201.52	27.834619507	2.7834619507e+1
201.53	27.836000741	2.7836000741e+1
201.54	27.837381974	2.7837381974e+1

201.55	27.838763208	2.7838763208e+1
201.56	27.840144442	2.7840144442e+1
201.57	27.841525675	2.7841525675e+1
201.58	27.842906909	2.7842906909e+1
201.59	27.844288142	2.7844288142e+1
201.6	27.845669376	2.7845669376e+1
201.61	27.84705061	2.784705061e+1
201.62	27.848431843	2.7848431843e+1
201.63	27.849813077	2.7849813077e+1
201.64	27.85119431	2.785119431e+1
201.65	27.852575544	2.7852575544e+1
201.66	27.853956778	2.7853956778e+1
201.67	27.855338011	2.7855338011e+1
201.68	27.856719245	2.7856719245e+1
201.69	27.858100478	2.7858100478e+1
201.7	27.859481712	2.7859481712e+1
201.71	27.860862946	2.7860862946e+1
201.72	27.862244179	2.7862244179e+1
201.73	27.863625413	2.7863625413e+1
201.74	27.865006646	2.7865006646e+1
201.75	27.86638788	2.786638788e+1
201.76	27.867769114	2.7867769114e+1
201.77	27.869150347	2.7869150347e+1
201.78	27.870531581	2.7870531581e+1
201.79	27.871912814	2.7871912814e+1
201.8	27.873294048	2.7873294048e+1
201.81	27.874675282	2.7874675282e+1
201.82	27.876056515	2.7876056515e+1
201.83	27.877437749	2.7877437749e+1
201.84	27.878818982	2.7878818982e+1
201.85	27.880200216	2.7880200216e+1
201.86	27.88158145	2.788158145e+1
201.87	27.882962683	2.7882962683e+1
201.88	27.884343917	2.7884343917e+1
201.89	27.88572515	2.788572515e+1
201.9	27.887106384	2.7887106384e+1
201.91	27.888487618	2.7888487618e+1
201.92	27.889868851	2.7889868851e+1

201.93	27.891250085	2.7891250085e+1
201.94	27.892631318	2.7892631318e+1
201.95	27.894012552	2.7894012552e+1
201.96	27.895393786	2.7895393786e+1
201.97	27.896775019	2.7896775019e+1
201.98	27.898156253	2.7898156253e+1
201.99	27.899537486	2.7899537486e+1
202	27.90091872	2.790091872e+1
202.01	27.902299954	2.7902299954e+1
202.02	27.903681187	2.7903681187e+1
202.03	27.905062421	2.7905062421e+1
202.04	27.906443654	2.7906443654e+1
202.05	27.907824888	2.7907824888e+1
202.06	27.909206122	2.7909206122e+1
202.07	27.910587355	2.7910587355e+1
202.08	27.911968589	2.7911968589e+1
202.09	27.913349822	2.7913349822e+1
202.1	27.914731056	2.7914731056e+1
202.11	27.91611229	2.791611229e+1
202.12	27.917493523	2.7917493523e+1
202.13	27.918874757	2.7918874757e+1
202.14	27.92025599	2.792025599e+1
202.15	27.921637224	2.7921637224e+1
202.16	27.923018458	2.7923018458e+1
202.17	27.924399691	2.7924399691e+1
202.18	27.925780925	2.7925780925e+1
202.19	27.927162158	2.7927162158e+1
202.2	27.928543392	2.7928543392e+1
202.21	27.929924626	2.7929924626e+1
202.22	27.931305859	2.7931305859e+1
202.23	27.932687093	2.7932687093e+1
202.24	27.934068326	2.7934068326e+1
202.25	27.93544956	2.793544956e+1
202.26	27.936830794	2.7936830794e+1
202.27	27.938212027	2.7938212027e+1
202.28	27.939593261	2.7939593261e+1
202.29	27.940974494	2.7940974494e+1
202.3	27.942355728	2.7942355728e+1

202.31	27.943736962	2.7943736962e+1
202.32	27.945118195	2.7945118195e+1
202.33	27.946499429	2.7946499429e+1
202.34	27.947880662	2.7947880662e+1
202.35	27.949261896	2.7949261896e+1
202.36	27.95064313	2.795064313e+1
202.37	27.952024363	2.7952024363e+1
202.38	27.953405597	2.7953405597e+1
202.39	27.95478683	2.795478683e+1
202.4	27.956168064	2.7956168064e+1
202.41	27.957549298	2.7957549298e+1
202.42	27.958930531	2.7958930531e+1
202.43	27.960311765	2.7960311765e+1
202.44	27.961692998	2.7961692998e+1
202.45	27.963074232	2.7963074232e+1
202.46	27.964455466	2.7964455466e+1
202.47	27.965836699	2.7965836699e+1
202.48	27.967217933	2.7967217933e+1
202.49	27.968599166	2.7968599166e+1
202.5	27.9699804	2.79699804e+1
202.51	27.971361634	2.7971361634e+1
202.52	27.972742867	2.7972742867e+1
202.53	27.974124101	2.7974124101e+1
202.54	27.975505334	2.7975505334e+1
202.55	27.976886568	2.7976886568e+1
202.56	27.978267802	2.7978267802e+1
202.57	27.979649035	2.7979649035e+1
202.58	27.981030269	2.7981030269e+1
202.59	27.982411502	2.7982411502e+1
202.6	27.983792736	2.7983792736e+1
202.61	27.98517397	2.798517397e+1
202.62	27.986555203	2.7986555203e+1
202.63	27.987936437	2.7987936437e+1
202.64	27.98931767	2.798931767e+1
202.65	27.990698904	2.7990698904e+1
202.66	27.992080138	2.7992080138e+1
202.67	27.993461371	2.7993461371e+1
202.68	27.994842605	2.7994842605e+1

202.69	27.996223838	2.7996223838e+1
202.7	27.997605072	2.7997605072e+1
202.71	27.998986306	2.7998986306e+1
202.72	28.000367539	2.8000367539e+1
202.73	28.001748773	2.8001748773e+1
202.74	28.003130006	2.8003130006e+1
202.75	28.00451124	2.800451124e+1
202.76	28.005892474	2.8005892474e+1
202.77	28.007273707	2.8007273707e+1
202.78	28.008654941	2.8008654941e+1
202.79	28.010036174	2.8010036174e+1
202.8	28.011417408	2.8011417408e+1
202.81	28.012798642	2.8012798642e+1
202.82	28.014179875	2.8014179875e+1
202.83	28.015561109	2.8015561109e+1
202.84	28.016942342	2.8016942342e+1
202.85	28.018323576	2.8018323576e+1
202.86	28.01970481	2.801970481e+1
202.87	28.021086043	2.8021086043e+1
202.88	28.022467277	2.8022467277e+1
202.89	28.02384851	2.802384851e+1
202.9	28.025229744	2.8025229744e+1
202.91	28.026610978	2.8026610978e+1
202.92	28.027992211	2.8027992211e+1
202.93	28.029373445	2.8029373445e+1
202.94	28.030754678	2.8030754678e+1
202.95	28.032135912	2.8032135912e+1
202.96	28.033517146	2.8033517146e+1
202.97	28.034898379	2.8034898379e+1
202.98	28.036279613	2.8036279613e+1
202.99	28.037660846	2.8037660846e+1
203	28.03904208	2.803904208e+1
203.01	28.040423314	2.8040423314e+1
203.02	28.041804547	2.8041804547e+1
203.03	28.043185781	2.8043185781e+1
203.04	28.044567014	2.8044567014e+1
203.05	28.045948248	2.8045948248e+1
203.06	28.047329482	2.8047329482e+1

203.07	28.048710715	2.8048710715e+1
203.08	28.050091949	2.8050091949e+1
203.09	28.051473182	2.8051473182e+1
203.1	28.052854416	2.8052854416e+1
203.11	28.05423565	2.805423565e+1
203.12	28.055616883	2.8055616883e+1
203.13	28.056998117	2.8056998117e+1
203.14	28.05837935	2.805837935e+1
203.15	28.059760584	2.8059760584e+1
203.16	28.061141818	2.8061141818e+1
203.17	28.062523051	2.8062523051e+1
203.18	28.063904285	2.8063904285e+1
203.19	28.065285518	2.8065285518e+1
203.2	28.066666752	2.8066666752e+1
203.21	28.068047986	2.8068047986e+1
203.22	28.069429219	2.8069429219e+1
203.23	28.070810453	2.8070810453e+1
203.24	28.072191686	2.8072191686e+1
203.25	28.07357292	2.807357292e+1
203.26	28.074954154	2.8074954154e+1
203.27	28.076335387	2.8076335387e+1
203.28	28.077716621	2.8077716621e+1
203.29	28.079097854	2.8079097854e+1
203.3	28.080479088	2.8080479088e+1
203.31	28.081860322	2.8081860322e+1
203.32	28.083241555	2.8083241555e+1
203.33	28.084622789	2.8084622789e+1
203.34	28.086004022	2.8086004022e+1
203.35	28.087385256	2.8087385256e+1
203.36	28.08876649	2.808876649e+1
203.37	28.090147723	2.8090147723e+1
203.38	28.091528957	2.8091528957e+1
203.39	28.09291019	2.809291019e+1
203.4	28.094291424	2.8094291424e+1
203.41	28.095672658	2.8095672658e+1
203.42	28.097053891	2.8097053891e+1
203.43	28.098435125	2.8098435125e+1
203.44	28.099816358	2.8099816358e+1

203.45	28.101197592	2.8101197592e+1
203.46	28.102578826	2.8102578826e+1
203.47	28.103960059	2.8103960059e+1
203.48	28.105341293	2.8105341293e+1
203.49	28.106722526	2.8106722526e+1
203.5	28.10810376	2.810810376e+1
203.51	28.109484994	2.8109484994e+1
203.52	28.110866227	2.8110866227e+1
203.53	28.112247461	2.8112247461e+1
203.54	28.113628694	2.8113628694e+1
203.55	28.115009928	2.8115009928e+1
203.56	28.116391162	2.8116391162e+1
203.57	28.11772395	2.811772395e+1
203.58	28.119153629	2.8119153629e+1
203.59	28.120534862	2.8120534862e+1
203.6	28.121916096	2.8121916096e+1
203.61	28.12329733	2.812329733e+1
203.62	28.124678563	2.8124678563e+1
203.63	28.126059797	2.8126059797e+1
203.64	28.12744103	2.812744103e+1
203.65	28.128822264	2.8128822264e+1
203.66	28.130203498	2.8130203498e+1
203.67	28.131584731	2.8131584731e+1
203.68	28.132965965	2.8132965965e+1
203.69	28.134347198	2.8134347198e+1
203.7	28.135728432	2.8135728432e+1
203.71	28.137109666	2.8137109666e+1
203.72	28.138490899	2.8138490899e+1
203.73	28.139872133	2.8139872133e+1
203.74	28.141253366	2.8141253366e+1
203.75	28.1426346	2.81426346e+1
203.76	28.144015834	2.8144015834e+1
203.77	28.145397067	2.8145397067e+1
203.78	28.146778301	2.8146778301e+1
203.79	28.148159534	2.8148159534e+1
203.8	28.149540768	2.8149540768e+1
203.81	28.150922002	2.8150922002e+1
203.82	28.152303235	2.8152303235e+1

203.83	28.153684469	2.8153684469e+1
203.84	28.155065702	2.8155065702e+1
203.85	28.156446936	2.8156446936e+1
203.86	28.15782817	2.815782817e+1
203.87	28.159209403	2.8159209403e+1
203.88	28.160590637	2.8160590637e+1
203.89	28.16197187	2.816197187e+1
203.9	28.163353104	2.8163353104e+1
203.91	28.164734338	2.8164734338e+1
203.92	28.166115571	2.8166115571e+1
203.93	28.167496805	2.8167496805e+1
203.94	28.168878038	2.8168878038e+1
203.95	28.170259272	2.8170259272e+1
203.96	28.171640506	2.8171640506e+1
203.97	28.173021739	2.8173021739e+1
203.98	28.174402973	2.8174402973e+1
203.99	28.175784206	2.8175784206e+1
204	28.17716544	2.817716544e+1
204.01	28.178546674	2.8178546674e+1
204.02	28.179927907	2.8179927907e+1
204.03	28.181309141	2.8181309141e+1
204.04	28.182690374	2.8182690374e+1
204.05	28.184071608	2.8184071608e+1
204.06	28.185452842	2.8185452842e+1
204.07	28.186834075	2.8186834075e+1
204.08	28.188215309	2.8188215309e+1
204.09	28.189596542	2.8189596542e+1
204.1	28.190977776	2.8190977776e+1
204.11	28.19235901	2.819235901e+1
204.12	28.193740243	2.8193740243e+1
204.13	28.195121477	2.8195121477e+1
204.14	28.19650271	2.819650271e+1
204.15	28.197883944	2.8197883944e+1
204.16	28.199265178	2.8199265178e+1
204.17	28.200646411	2.8200646411e+1
204.18	28.202027645	2.8202027645e+1
204.19	28.203408878	2.8203408878e+1
204.2	28.204790112	2.8204790112e+1

204.21	28.206171346	2.8206171346e+1
204.22	28.207552579	2.8207552579e+1
204.23	28.208933813	2.8208933813e+1
204.24	28.210315046	2.8210315046e+1
204.25	28.21169628	2.821169628e+1
204.26	28.213077514	2.8213077514e+1
204.27	28.214458747	2.8214458747e+1
204.28	28.215839981	2.8215839981e+1
204.29	28.217221214	2.8217221214e+1
204.3	28.218602448	2.8218602448e+1
204.31	28.219983682	2.8219983682e+1
204.32	28.221364915	2.8221364915e+1
204.33	28.222746149	2.8222746149e+1
204.34	28.224127382	2.8224127382e+1
204.35	28.225508616	2.8225508616e+1
204.36	28.22688985	2.822688985e+1
204.37	28.228271083	2.8228271083e+1
204.38	28.229652317	2.8229652317e+1
204.39	28.23103355	2.823103355e+1
204.4	28.232414784	2.8232414784e+1
204.41	28.233796018	2.8233796018e+1
204.42	28.235177251	2.8235177251e+1
204.43	28.236558485	2.8236558485e+1
204.44	28.237939718	2.8237939718e+1
204.45	28.239320952	2.8239320952e+1
204.46	28.240702186	2.8240702186e+1
204.47	28.242083419	2.8242083419e+1
204.48	28.243464653	2.8243464653e+1
204.49	28.244845886	2.8244845886e+1
204.5	28.24622712	2.824622712e+1
204.51	28.247608354	2.8247608354e+1
204.52	28.248989587	2.8248989587e+1
204.53	28.250370821	2.8250370821e+1
204.54	28.251752054	2.8251752054e+1
204.55	28.253133288	2.8253133288e+1
204.56	28.254514522	2.8254514522e+1
204.57	28.255895755	2.8255895755e+1
204.58	28.257276989	2.8257276989e+1

204.59	28.258658222	2.8258658222e+1
204.6	28.260039456	2.8260039456e+1
204.61	28.26142069	2.826142069e+1
204.62	28.262801923	2.8262801923e+1
204.63	28.264183157	2.8264183157e+1
204.64	28.26556439	2.826556439e+1
204.65	28.266945624	2.8266945624e+1
204.66	28.268326858	2.8268326858e+1
204.67	28.269708091	2.8269708091e+1
204.68	28.271089325	2.8271089325e+1
204.69	28.272470558	2.8272470558e+1
204.7	28.273851792	2.8273851792e+1
204.71	28.275233026	2.8275233026e+1
204.72	28.276614259	2.8276614259e+1
204.73	28.277995493	2.8277995493e+1
204.74	28.279376726	2.8279376726e+1
204.75	28.28075796	2.828075796e+1
204.76	28.282139194	2.8282139194e+1
204.77	28.283520427	2.8283520427e+1
204.78	28.284901661	2.8284901661e+1
204.79	28.286282894	2.8286282894e+1
204.8	28.287664128	2.8287664128e+1
204.81	28.289045362	2.8289045362e+1
204.82	28.290426595	2.8290426595e+1
204.83	28.291807829	2.8291807829e+1
204.84	28.293189062	2.8293189062e+1
204.85	28.294570296	2.8294570296e+1
204.86	28.29595153	2.829595153e+1
204.87	28.297332763	2.8297332763e+1
204.88	28.298713997	2.8298713997e+1
204.89	28.30009523	2.830009523e+1
204.9	28.301476464	2.8301476464e+1
204.91	28.302857698	2.8302857698e+1
204.92	28.304238931	2.8304238931e+1
204.93	28.305620165	2.8305620165e+1
204.94	28.307001398	2.8307001398e+1
204.95	28.308382632	2.8308382632e+1
204.96	28.309763866	2.8309763866e+1

204.97	28.311145099	2.8311145099e+1
204.98	28.312526333	2.8312526333e+1
204.99	28.313907566	2.8313907566e+1
205	28.3152888	2.83152888e+1
205.01	28.316670034	2.8316670034e+1
205.02	28.318051267	2.8318051267e+1
205.03	28.319432501	2.8319432501e+1
205.04	28.320813734	2.8320813734e+1
205.05	28.322194968	2.8322194968e+1
205.06	28.323576202	2.8323576202e+1
205.07	28.324957435	2.8324957435e+1
205.08	28.326338669	2.8326338669e+1
205.09	28.327719902	2.8327719902e+1
205.1	28.329101136	2.8329101136e+1
205.11	28.33048237	2.833048237e+1
205.12	28.331863603	2.8331863603e+1
205.13	28.333244837	2.8333244837e+1
205.14	28.33462607	2.833462607e+1
205.15	28.336007304	2.8336007304e+1
205.16	28.337388538	2.8337388538e+1
205.17	28.338769771	2.8338769771e+1
205.18	28.340151005	2.8340151005e+1
205.19	28.341532238	2.8341532238e+1
205.2	28.342913472	2.8342913472e+1
205.21	28.344294706	2.8344294706e+1
205.22	28.345675939	2.8345675939e+1
205.23	28.347057173	2.8347057173e+1
205.24	28.348438406	2.8348438406e+1
205.25	28.34981964	2.834981964e+1
205.26	28.351200874	2.8351200874e+1
205.27	28.352582107	2.8352582107e+1
205.28	28.353963341	2.8353963341e+1
205.29	28.355344574	2.8355344574e+1
205.3	28.356725808	2.8356725808e+1
205.31	28.358107042	2.8358107042e+1
205.32	28.359488275	2.8359488275e+1
205.33	28.360869509	2.8360869509e+1
205.34	28.362250742	2.8362250742e+1

205.35	28.363631976	2.8363631976e+1
205.36	28.36501321	2.836501321e+1
205.37	28.366394443	2.8366394443e+1
205.38	28.367775677	2.8367775677e+1
205.39	28.36915691	2.836915691e+1
205.4	28.370538144	2.8370538144e+1
205.41	28.371919378	2.8371919378e+1
205.42	28.373300611	2.8373300611e+1
205.43	28.374681845	2.8374681845e+1
205.44	28.376063078	2.8376063078e+1
205.45	28.377444312	2.8377444312e+1
205.46	28.378825546	2.8378825546e+1
205.47	28.380206779	2.8380206779e+1
205.48	28.381588013	2.8381588013e+1
205.49	28.382969246	2.8382969246e+1
205.5	28.38435048	2.838435048e+1
205.51	28.385731714	2.8385731714e+1
205.52	28.387112947	2.8387112947e+1
205.53	28.388494181	2.8388494181e+1
205.54	28.389875414	2.8389875414e+1
205.55	28.391256648	2.8391256648e+1
205.56	28.392637882	2.8392637882e+1
205.57	28.394019115	2.8394019115e+1
205.58	28.395400349	2.8395400349e+1
205.59	28.396781582	2.8396781582e+1
205.6	28.398162816	2.8398162816e+1
205.61	28.39954405	2.839954405e+1
205.62	28.400925283	2.8400925283e+1
205.63	28.402306517	2.8402306517e+1
205.64	28.40368775	2.840368775e+1
205.65	28.405068984	2.8405068984e+1
205.66	28.406450218	2.8406450218e+1
205.67	28.407831451	2.8407831451e+1
205.68	28.409212685	2.8409212685e+1
205.69	28.410593918	2.8410593918e+1
205.7	28.411975152	2.8411975152e+1
205.71	28.413356386	2.8413356386e+1
205.72	28.414737619	2.8414737619e+1

205.73	28.416118853	2.8416118853e+1
205.74	28.417500086	2.8417500086e+1
205.75	28.41888132	2.841888132e+1
205.76	28.420262554	2.8420262554e+1
205.77	28.421643787	2.8421643787e+1
205.78	28.423025021	2.8423025021e+1
205.79	28.424406254	2.8424406254e+1
205.8	28.425787488	2.8425787488e+1
205.81	28.427168722	2.8427168722e+1
205.82	28.428549955	2.8428549955e+1
205.83	28.429931189	2.8429931189e+1
205.84	28.431312422	2.8431312422e+1
205.85	28.432693656	2.8432693656e+1
205.86	28.43407489	2.843407489e+1
205.87	28.435456123	2.8435456123e+1
205.88	28.436837357	2.8436837357e+1
205.89	28.43821859	2.843821859e+1
205.9	28.439599824	2.8439599824e+1
205.91	28.440981058	2.8440981058e+1
205.92	28.442362291	2.8442362291e+1
205.93	28.443743525	2.8443743525e+1
205.94	28.445124758	2.8445124758e+1
205.95	28.446505992	2.8446505992e+1
205.96	28.447887226	2.8447887226e+1
205.97	28.449268459	2.8449268459e+1
205.98	28.450649693	2.8450649693e+1
205.99	28.452030926	2.8452030926e+1
206	28.45341216	2.845341216e+1
206.01	28.454793394	2.8454793394e+1
206.02	28.456174627	2.8456174627e+1
206.03	28.457555861	2.8457555861e+1
206.04	28.458937094	2.8458937094e+1
206.05	28.460318328	2.8460318328e+1
206.06	28.461699562	2.8461699562e+1
206.07	28.463080795	2.8463080795e+1
206.08	28.464462029	2.8464462029e+1
206.09	28.465843262	2.8465843262e+1
206.1	28.467224496	2.8467224496e+1

206.11	28.46860573	2.846860573e+1
206.12	28.469986963	2.8469986963e+1
206.13	28.471368197	2.8471368197e+1
206.14	28.47274943	2.847274943e+1
206.15	28.474130664	2.8474130664e+1
206.16	28.475511898	2.8475511898e+1
206.17	28.476893131	2.8476893131e+1
206.18	28.478274365	2.8478274365e+1
206.19	28.479655598	2.8479655598e+1
206.2	28.481036832	2.8481036832e+1
206.21	28.482418066	2.8482418066e+1
206.22	28.483799299	2.8483799299e+1
206.23	28.485180533	2.8485180533e+1
206.24	28.486561766	2.8486561766e+1
206.25	28.487943	2.8487943e+1
206.26	28.489324234	2.8489324234e+1
206.27	28.490705467	2.8490705467e+1
206.28	28.492086701	2.8492086701e+1
206.29	28.493467934	2.8493467934e+1
206.3	28.494849168	2.8494849168e+1
206.31	28.496230402	2.8496230402e+1
206.32	28.497611635	2.8497611635e+1
206.33	28.498992869	2.8498992869e+1
206.34	28.500374102	2.8500374102e+1
206.35	28.501755336	2.8501755336e+1
206.36	28.50313657	2.850313657e+1
206.37	28.504517803	2.8504517803e+1
206.38	28.505899037	2.8505899037e+1
206.39	28.50728027	2.850728027e+1
206.4	28.508661504	2.8508661504e+1
206.41	28.510042738	2.8510042738e+1
206.42	28.511423971	2.8511423971e+1
206.43	28.512805205	2.8512805205e+1
206.44	28.514186438	2.8514186438e+1
206.45	28.515567672	2.8515567672e+1
206.46	28.516948906	2.8516948906e+1
206.47	28.518330139	2.8518330139e+1
206.48	28.519711373	2.8519711373e+1

206.49	28.521092606	2.8521092606e+1
206.5	28.52247384	2.852247384e+1
206.51	28.523855074	2.8523855074e+1
206.52	28.525236307	2.8525236307e+1
206.53	28.526617541	2.8526617541e+1
206.54	28.527998774	2.8527998774e+1
206.55	28.529380008	2.8529380008e+1
206.56	28.530761242	2.8530761242e+1
206.57	28.532142475	2.8532142475e+1
206.58	28.533523709	2.8533523709e+1
206.59	28.534904942	2.8534904942e+1
206.6	28.536286176	2.8536286176e+1
206.61	28.53766741	2.853766741e+1
206.62	28.539048643	2.8539048643e+1
206.63	28.540429877	2.8540429877e+1
206.64	28.54181111	2.854181111e+1
206.65	28.543192344	2.8543192344e+1
206.66	28.544573578	2.8544573578e+1
206.67	28.545954811	2.8545954811e+1
206.68	28.547336045	2.8547336045e+1
206.69	28.548717278	2.8548717278e+1
206.7	28.550098512	2.8550098512e+1
206.71	28.551479746	2.8551479746e+1
206.72	28.552860979	2.8552860979e+1
206.73	28.554242213	2.8554242213e+1
206.74	28.555623446	2.8555623446e+1
206.75	28.55700468	2.855700468e+1
206.76	28.558385914	2.8558385914e+1
206.77	28.559767147	2.8559767147e+1
206.78	28.561148381	2.8561148381e+1
206.79	28.562529614	2.8562529614e+1
206.8	28.563910848	2.8563910848e+1
206.81	28.565292082	2.8565292082e+1
206.82	28.566673315	2.8566673315e+1
206.83	28.568054549	2.8568054549e+1
206.84	28.569435782	2.8569435782e+1
206.85	28.570817016	2.8570817016e+1
206.86	28.57219825	2.857219825e+1

206.87	28.573579483	2.8573579483e+1
206.88	28.574960717	2.8574960717e+1
206.89	28.57634195	2.857634195e+1
206.9	28.577723184	2.8577723184e+1
206.91	28.579104418	2.8579104418e+1
206.92	28.580485651	2.8580485651e+1
206.93	28.581866885	2.8581866885e+1
206.94	28.583248118	2.8583248118e+1
206.95	28.584629352	2.8584629352e+1
206.96	28.586010586	2.8586010586e+1
206.97	28.587391819	2.8587391819e+1
206.98	28.588773053	2.8588773053e+1
206.99	28.590154286	2.8590154286e+1
207	28.59153552	2.859153552e+1
207.01	28.592916754	2.8592916754e+1
207.02	28.594297987	2.8594297987e+1
207.03	28.595679221	2.8595679221e+1
207.04	28.597060454	2.8597060454e+1
207.05	28.598441688	2.8598441688e+1
207.06	28.599822922	2.8599822922e+1
207.07	28.601204155	2.8601204155e+1
207.08	28.602585389	2.8602585389e+1
207.09	28.603966622	2.8603966622e+1
207.1	28.605347856	2.8605347856e+1
207.11	28.60672909	2.860672909e+1
207.12	28.608110323	2.8608110323e+1
207.13	28.609491557	2.8609491557e+1
207.14	28.61087279	2.861087279e+1
207.15	28.612254024	2.8612254024e+1
207.16	28.613635258	2.8613635258e+1
207.17	28.615016491	2.8615016491e+1
207.18	28.616397725	2.8616397725e+1
207.19	28.617778958	2.8617778958e+1
207.2	28.619160192	2.8619160192e+1
207.21	28.620541426	2.8620541426e+1
207.22	28.621922659	2.8621922659e+1
207.23	28.623303893	2.8623303893e+1
207.24	28.624685126	2.8624685126e+1

207.25	28.62606636	2.862606636e+1
207.26	28.627447594	2.8627447594e+1
207.27	28.628828827	2.8628828827e+1
207.28	28.630210061	2.8630210061e+1
207.29	28.631591294	2.8631591294e+1
207.3	28.632972528	2.8632972528e+1
207.31	28.634353762	2.8634353762e+1
207.32	28.635734995	2.8635734995e+1
207.33	28.637116229	2.8637116229e+1
207.34	28.638497462	2.8638497462e+1
207.35	28.639878696	2.8639878696e+1
207.36	28.64125993	2.864125993e+1
207.37	28.642641163	2.8642641163e+1
207.38	28.644022397	2.8644022397e+1
207.39	28.64540363	2.864540363e+1
207.4	28.646784864	2.8646784864e+1
207.41	28.648166098	2.8648166098e+1
207.42	28.649547331	2.8649547331e+1
207.43	28.650928565	2.8650928565e+1
207.44	28.652309798	2.8652309798e+1
207.45	28.653691032	2.8653691032e+1
207.46	28.655072266	2.8655072266e+1
207.47	28.656453499	2.8656453499e+1
207.48	28.657834733	2.8657834733e+1
207.49	28.659215966	2.8659215966e+1
207.5	28.6605972	2.86605972e+1
207.51	28.661978434	2.8661978434e+1
207.52	28.663359667	2.8663359667e+1
207.53	28.664740901	2.8664740901e+1
207.54	28.666122134	2.8666122134e+1
207.55	28.667503368	2.8667503368e+1
207.56	28.668884602	2.8668884602e+1
207.57	28.670265835	2.8670265835e+1
207.58	28.671647069	2.8671647069e+1
207.59	28.673028302	2.8673028302e+1
207.6	28.674409536	2.8674409536e+1
207.61	28.67579077	2.867579077e+1
207.62	28.677172003	2.8677172003e+1

207.63	28.678553237	2.8678553237e+1
207.64	28.67993447	2.867993447e+1
207.65	28.681315704	2.8681315704e+1
207.66	28.682696938	2.8682696938e+1
207.67	28.684078171	2.8684078171e+1
207.68	28.685459405	2.8685459405e+1
207.69	28.686840638	2.8686840638e+1
207.7	28.688221872	2.8688221872e+1
207.71	28.689603106	2.8689603106e+1
207.72	28.690984339	2.8690984339e+1
207.73	28.692365573	2.8692365573e+1
207.74	28.693746806	2.8693746806e+1
207.75	28.69512804	2.869512804e+1
207.76	28.696509274	2.8696509274e+1
207.77	28.697890507	2.8697890507e+1
207.78	28.699271741	2.8699271741e+1
207.79	28.700652974	2.8700652974e+1
207.8	28.702034208	2.8702034208e+1
207.81	28.703415442	2.8703415442e+1
207.82	28.704796675	2.8704796675e+1
207.83	28.706177909	2.8706177909e+1
207.84	28.707559142	2.8707559142e+1
207.85	28.708940376	2.8708940376e+1
207.86	28.71032161	2.871032161e+1
207.87	28.711702843	2.8711702843e+1
207.88	28.713084077	2.8713084077e+1
207.89	28.71446531	2.871446531e+1
207.9	28.715846544	2.8715846544e+1
207.91	28.717227778	2.8717227778e+1
207.92	28.718609011	2.8718609011e+1
207.93	28.719990245	2.8719990245e+1
207.94	28.721371478	2.8721371478e+1
207.95	28.722752712	2.8722752712e+1
207.96	28.724133946	2.8724133946e+1
207.97	28.725515179	2.8725515179e+1
207.98	28.726896413	2.8726896413e+1
207.99	28.728277646	2.8728277646e+1
208	28.72965888	2.872965888e+1

208.01	28.731040114	2.8731040114e+1
208.02	28.732421347	2.8732421347e+1
208.03	28.733802581	2.8733802581e+1
208.04	28.735183814	2.8735183814e+1
208.05	28.736565048	2.8736565048e+1
208.06	28.737946282	2.8737946282e+1
208.07	28.739327515	2.8739327515e+1
208.08	28.740708749	2.8740708749e+1
208.09	28.742089982	2.8742089982e+1
208.1	28.743471216	2.8743471216e+1
208.11	28.74485245	2.874485245e+1
208.12	28.746233683	2.8746233683e+1
208.13	28.747614917	2.8747614917e+1
208.14	28.74899615	2.874899615e+1
208.15	28.750377384	2.8750377384e+1
208.16	28.751758618	2.8751758618e+1
208.17	28.753139851	2.8753139851e+1
208.18	28.754521085	2.8754521085e+1
208.19	28.755902318	2.8755902318e+1
208.2	28.757283552	2.8757283552e+1
208.21	28.758664786	2.8758664786e+1
208.22	28.760046019	2.8760046019e+1
208.23	28.761427253	2.8761427253e+1
208.24	28.762808486	2.8762808486e+1
208.25	28.76418972	2.876418972e+1
208.26	28.765570954	2.8765570954e+1
208.27	28.766952187	2.8766952187e+1
208.28	28.768333421	2.8768333421e+1
208.29	28.769714654	2.8769714654e+1
208.3	28.771095888	2.8771095888e+1
208.31	28.772477122	2.8772477122e+1
208.32	28.773858355	2.8773858355e+1
208.33	28.775239589	2.8775239589e+1
208.34	28.776620822	2.8776620822e+1
208.35	28.778002056	2.8778002056e+1
208.36	28.77938329	2.877938329e+1
208.37	28.780764523	2.8780764523e+1
208.38	28.782145757	2.8782145757e+1

208.39	28.78352699	2.878352699e+1
208.4	28.784908224	2.8784908224e+1
208.41	28.786289458	2.8786289458e+1
208.42	28.787670691	2.8787670691e+1
208.43	28.789051925	2.8789051925e+1
208.44	28.790433158	2.8790433158e+1
208.45	28.791814392	2.8791814392e+1
208.46	28.793195626	2.8793195626e+1
208.47	28.794576859	2.8794576859e+1
208.48	28.795958093	2.8795958093e+1
208.49	28.797339326	2.8797339326e+1
208.5	28.79872056	2.879872056e+1
208.51	28.800101794	2.8800101794e+1
208.52	28.801483027	2.8801483027e+1
208.53	28.802864261	2.8802864261e+1
208.54	28.804245494	2.8804245494e+1
208.55	28.805626728	2.8805626728e+1
208.56	28.807007962	2.8807007962e+1
208.57	28.808389195	2.8808389195e+1
208.58	28.809770429	2.8809770429e+1
208.59	28.811151662	2.8811151662e+1
208.6	28.812532896	2.8812532896e+1
208.61	28.81391413	2.881391413e+1
208.62	28.815295363	2.8815295363e+1
208.63	28.816676597	2.8816676597e+1
208.64	28.81805783	2.881805783e+1
208.65	28.819439064	2.8819439064e+1
208.66	28.820820298	2.8820820298e+1
208.67	28.822201531	2.8822201531e+1
208.68	28.823582765	2.8823582765e+1
208.69	28.824963998	2.8824963998e+1
208.7	28.826345232	2.8826345232e+1
208.71	28.827726466	2.8827726466e+1
208.72	28.829107699	2.8829107699e+1
208.73	28.830488933	2.8830488933e+1
208.74	28.831870166	2.8831870166e+1
208.75	28.8332514	2.88332514e+1
208.76	28.834632634	2.8834632634e+1

208.77	28.836013867	2.8836013867e+1
208.78	28.837395101	2.8837395101e+1
208.79	28.838776334	2.8838776334e+1
208.8	28.840157568	2.8840157568e+1
208.81	28.841538802	2.8841538802e+1
208.82	28.842920035	2.8842920035e+1
208.83	28.844301269	2.8844301269e+1
208.84	28.845682502	2.8845682502e+1
208.85	28.847063736	2.8847063736e+1
208.86	28.84844497	2.8848444497e+1
208.87	28.849826203	2.8849826203e+1
208.88	28.851207437	2.8851207437e+1
208.89	28.85258867	2.885258867e+1
208.9	28.853969904	2.8853969904e+1
208.91	28.855351138	2.8855351138e+1
208.92	28.856732371	2.8856732371e+1
208.93	28.858113605	2.8858113605e+1
208.94	28.859494838	2.8859494838e+1
208.95	28.860876072	2.8860876072e+1
208.96	28.862257306	2.8862257306e+1
208.97	28.863638539	2.8863638539e+1
208.98	28.865019773	2.8865019773e+1
208.99	28.866401006	2.8866401006e+1
209	28.86778224	2.886778224e+1
209.01	28.869163474	2.8869163474e+1
209.02	28.870544707	2.8870544707e+1
209.03	28.871925941	2.8871925941e+1
209.04	28.873307174	2.8873307174e+1
209.05	28.874688408	2.8874688408e+1
209.06	28.876069642	2.8876069642e+1
209.07	28.877450875	2.8877450875e+1
209.08	28.878832109	2.8878832109e+1
209.09	28.880213342	2.8880213342e+1
209.1	28.881594576	2.8881594576e+1
209.11	28.88297581	2.888297581e+1
209.12	28.884357043	2.8884357043e+1
209.13	28.885738277	2.8885738277e+1
209.14	28.88711951	2.888711951e+1

209.15	28.888500744	2.8888500744e+1
209.16	28.889881978	2.8889881978e+1
209.17	28.891263211	2.8891263211e+1
209.18	28.892644445	2.8892644445e+1
209.19	28.894025678	2.8894025678e+1
209.2	28.895406912	2.8895406912e+1
209.21	28.896788146	2.8896788146e+1
209.22	28.898169379	2.8898169379e+1
209.23	28.899550613	2.8899550613e+1
209.24	28.900931846	2.8900931846e+1
209.25	28.90231308	2.890231308e+1
209.26	28.903694314	2.8903694314e+1
209.27	28.905075547	2.8905075547e+1
209.28	28.906456781	2.8906456781e+1
209.29	28.907838014	2.8907838014e+1
209.3	28.909219248	2.8909219248e+1
209.31	28.910600482	2.8910600482e+1
209.32	28.911981715	2.8911981715e+1
209.33	28.913362949	2.8913362949e+1
209.34	28.914744182	2.8914744182e+1
209.35	28.916125416	2.8916125416e+1
209.36	28.91750665	2.891750665e+1
209.37	28.918887883	2.8918887883e+1
209.38	28.920269117	2.8920269117e+1
209.39	28.92165035	2.892165035e+1
209.4	28.923031584	2.8923031584e+1
209.41	28.924412818	2.8924412818e+1
209.42	28.925794051	2.8925794051e+1
209.43	28.927175285	2.8927175285e+1
209.44	28.928556518	2.8928556518e+1
209.45	28.929937752	2.8929937752e+1
209.46	28.931318986	2.8931318986e+1
209.47	28.932700219	2.8932700219e+1
209.48	28.934081453	2.8934081453e+1
209.49	28.935462686	2.8935462686e+1
209.5	28.93684392	2.893684392e+1
209.51	28.938225154	2.8938225154e+1
209.52	28.939606387	2.8939606387e+1

209.53	28.940987621	2.8940987621e+1
209.54	28.942368854	2.8942368854e+1
209.55	28.943750088	2.8943750088e+1
209.56	28.945131322	2.8945131322e+1
209.57	28.946512555	2.8946512555e+1
209.58	28.947893789	2.8947893789e+1
209.59	28.949275022	2.8949275022e+1
209.6	28.950656256	2.8950656256e+1
209.61	28.95203749	2.895203749e+1
209.62	28.953418723	2.8953418723e+1
209.63	28.954799957	2.8954799957e+1
209.64	28.95618119	2.895618119e+1
209.65	28.957562424	2.8957562424e+1
209.66	28.958943658	2.8958943658e+1
209.67	28.960324891	2.8960324891e+1
209.68	28.961706125	2.8961706125e+1
209.69	28.963087358	2.8963087358e+1
209.7	28.964468592	2.8964468592e+1
209.71	28.965849826	2.8965849826e+1
209.72	28.967231059	2.8967231059e+1
209.73	28.968612293	2.8968612293e+1
209.74	28.969993526	2.8969993526e+1
209.75	28.97137476	2.897137476e+1
209.76	28.972755994	2.8972755994e+1
209.77	28.974137227	2.8974137227e+1
209.78	28.975518461	2.8975518461e+1
209.79	28.976899694	2.8976899694e+1
209.8	28.978280928	2.8978280928e+1
209.81	28.979662162	2.8979662162e+1
209.82	28.981043395	2.8981043395e+1
209.83	28.982424629	2.8982424629e+1
209.84	28.983805862	2.8983805862e+1
209.85	28.985187096	2.8985187096e+1
209.86	28.98656833	2.898656833e+1
209.87	28.987949563	2.8987949563e+1
209.88	28.989330797	2.8989330797e+1
209.89	28.99071203	2.899071203e+1
209.9	28.992093264	2.8992093264e+1

209.91	28.993474498	2.8993474498e+1
209.92	28.994855731	2.8994855731e+1
209.93	28.996236965	2.8996236965e+1
209.94	28.997618198	2.8997618198e+1
209.95	28.998999432	2.8998999432e+1
209.96	29.000380666	2.9000380666e+1
209.97	29.001761899	2.9001761899e+1
209.98	29.003143133	2.9003143133e+1
209.99	29.004524366	2.9004524366e+1
210	29.0059056	2.90059056e+1
210.01	29.007286834	2.9007286834e+1
210.02	29.008668067	2.9008668067e+1
210.03	29.010049301	2.9010049301e+1
210.04	29.011430534	2.9011430534e+1
210.05	29.012811768	2.9012811768e+1
210.06	29.014193002	2.9014193002e+1
210.07	29.015574235	2.9015574235e+1
210.08	29.016955469	2.9016955469e+1
210.09	29.018336702	2.9018336702e+1
210.1	29.019717936	2.9019717936e+1
210.11	29.02109917	2.902109917e+1
210.12	29.022480403	2.9022480403e+1
210.13	29.023861637	2.9023861637e+1
210.14	29.02524287	2.902524287e+1
210.15	29.026624104	2.9026624104e+1
210.16	29.028005338	2.9028005338e+1
210.17	29.029386571	2.9029386571e+1
210.18	29.030767805	2.9030767805e+1
210.19	29.032149038	2.9032149038e+1
210.2	29.033530272	2.9033530272e+1
210.21	29.034911506	2.9034911506e+1
210.22	29.036292739	2.9036292739e+1
210.23	29.037673973	2.9037673973e+1
210.24	29.039055206	2.9039055206e+1
210.25	29.04043644	2.904043644e+1
210.26	29.041817674	2.9041817674e+1
210.27	29.043198907	2.9043198907e+1
210.28	29.044580141	2.9044580141e+1

210.29	29.045961374	2.9045961374e+1
210.3	29.047342608	2.9047342608e+1
210.31	29.048723842	2.9048723842e+1
210.32	29.050105075	2.9050105075e+1
210.33	29.051486309	2.9051486309e+1
210.34	29.052867542	2.9052867542e+1
210.35	29.054248776	2.9054248776e+1
210.36	29.05563001	2.905563001e+1
210.37	29.057011243	2.9057011243e+1
210.38	29.058392477	2.9058392477e+1
210.39	29.05977371	2.905977371e+1
210.4	29.061154944	2.9061154944e+1
210.41	29.062536178	2.9062536178e+1
210.42	29.063917411	2.9063917411e+1
210.43	29.065298645	2.9065298645e+1
210.44	29.066679878	2.9066679878e+1
210.45	29.068061112	2.9068061112e+1
210.46	29.069442346	2.9069442346e+1
210.47	29.070823579	2.9070823579e+1
210.48	29.072204813	2.9072204813e+1
210.49	29.073586046	2.9073586046e+1
210.5	29.07496728	2.907496728e+1
210.51	29.076348514	2.9076348514e+1
210.52	29.077729747	2.9077729747e+1
210.53	29.079110981	2.9079110981e+1
210.54	29.080492214	2.9080492214e+1
210.55	29.081873448	2.9081873448e+1
210.56	29.083254682	2.9083254682e+1
210.57	29.084635915	2.9084635915e+1
210.58	29.086017149	2.9086017149e+1
210.59	29.087398382	2.9087398382e+1
210.6	29.088779616	2.9088779616e+1
210.61	29.09016085	2.909016085e+1
210.62	29.091542083	2.9091542083e+1
210.63	29.092923317	2.9092923317e+1
210.64	29.09430455	2.909430455e+1
210.65	29.095685784	2.9095685784e+1
210.66	29.097067018	2.9097067018e+1

210.67	29.098448251	2.9098448251e+1
210.68	29.099829485	2.9099829485e+1
210.69	29.101210718	2.9101210718e+1
210.7	29.102591952	2.9102591952e+1
210.71	29.103973186	2.9103973186e+1
210.72	29.105354419	2.9105354419e+1
210.73	29.106735653	2.9106735653e+1
210.74	29.108116886	2.9108116886e+1
210.75	29.10949812	2.910949812e+1
210.76	29.110879354	2.9110879354e+1
210.77	29.112260587	2.9112260587e+1
210.78	29.113641821	2.9113641821e+1
210.79	29.115023054	2.9115023054e+1
210.8	29.116404288	2.9116404288e+1
210.81	29.117785522	2.9117785522e+1
210.82	29.119166755	2.9119166755e+1
210.83	29.120547989	2.9120547989e+1
210.84	29.121929222	2.9121929222e+1
210.85	29.123310456	2.9123310456e+1
210.86	29.12469169	2.912469169e+1
210.87	29.126072923	2.9126072923e+1
210.88	29.127454157	2.9127454157e+1
210.89	29.12883539	2.912883539e+1
210.9	29.130216624	2.9130216624e+1
210.91	29.131597858	2.9131597858e+1
210.92	29.132979091	2.9132979091e+1
210.93	29.134360325	2.9134360325e+1
210.94	29.135741558	2.9135741558e+1
210.95	29.137122792	2.9137122792e+1
210.96	29.138504026	2.9138504026e+1
210.97	29.139885259	2.9139885259e+1
210.98	29.141266493	2.9141266493e+1
210.99	29.142647726	2.9142647726e+1
211	29.14402896	2.914402896e+1
211.01	29.145410194	2.9145410194e+1
211.02	29.146791427	2.9146791427e+1
211.03	29.148172661	2.9148172661e+1
211.04	29.149553894	2.9149553894e+1

211.05	29.150935128	2.9150935128e+1
211.06	29.152316362	2.9152316362e+1
211.07	29.153697595	2.9153697595e+1
211.08	29.155078829	2.9155078829e+1
211.09	29.156460062	2.9156460062e+1
211.1	29.157841296	2.9157841296e+1
211.11	29.15922253	2.915922253e+1
211.12	29.160603763	2.9160603763e+1
211.13	29.161984997	2.9161984997e+1
211.14	29.16336623	2.916336623e+1
211.15	29.164747464	2.9164747464e+1
211.16	29.166128698	2.9166128698e+1
211.17	29.167509931	2.9167509931e+1
211.18	29.168891165	2.9168891165e+1
211.19	29.170272398	2.9170272398e+1
211.2	29.171653632	2.9171653632e+1
211.21	29.173034866	2.9173034866e+1
211.22	29.174416099	2.9174416099e+1
211.23	29.175797333	2.9175797333e+1
211.24	29.177178566	2.9177178566e+1
211.25	29.1785598	2.91785598e+1
211.26	29.179941034	2.9179941034e+1
211.27	29.181322267	2.9181322267e+1
211.28	29.182703501	2.9182703501e+1
211.29	29.184084734	2.9184084734e+1
211.3	29.185465968	2.9185465968e+1
211.31	29.186847202	2.9186847202e+1
211.32	29.188228435	2.9188228435e+1
211.33	29.189609669	2.9189609669e+1
211.34	29.190990902	2.9190990902e+1
211.35	29.192372136	2.9192372136e+1
211.36	29.19375337	2.919375337e+1
211.37	29.195134603	2.9195134603e+1
211.38	29.196515837	2.9196515837e+1
211.39	29.19789707	2.919789707e+1
211.4	29.199278304	2.9199278304e+1
211.41	29.200659538	2.9200659538e+1
211.42	29.202040771	2.9202040771e+1

211.43	29.203422005	2.9203422005e+1
211.44	29.204803238	2.9204803238e+1
211.45	29.206184472	2.9206184472e+1
211.46	29.207565706	2.9207565706e+1
211.47	29.208946939	2.9208946939e+1
211.48	29.210328173	2.9210328173e+1
211.49	29.211709406	2.9211709406e+1
211.5	29.21309064	2.921309064e+1
211.51	29.214471874	2.9214471874e+1
211.52	29.215853107	2.9215853107e+1
211.53	29.217234341	2.9217234341e+1
211.54	29.218615574	2.9218615574e+1
211.55	29.219996808	2.9219996808e+1
211.56	29.221378042	2.9221378042e+1
211.57	29.222759275	2.9222759275e+1
211.58	29.224140509	2.9224140509e+1
211.59	29.225521742	2.9225521742e+1
211.6	29.226902976	2.9226902976e+1
211.61	29.22828421	2.922828421e+1
211.62	29.229665443	2.9229665443e+1
211.63	29.231046677	2.9231046677e+1
211.64	29.23242791	2.923242791e+1
211.65	29.233809144	2.9233809144e+1
211.66	29.235190378	2.9235190378e+1
211.67	29.236571611	2.9236571611e+1
211.68	29.237952845	2.9237952845e+1
211.69	29.239334078	2.9239334078e+1
211.7	29.240715312	2.9240715312e+1
211.71	29.242096546	2.9242096546e+1
211.72	29.243477779	2.9243477779e+1
211.73	29.244859013	2.9244859013e+1
211.74	29.246240246	2.9246240246e+1
211.75	29.24762148	2.924762148e+1
211.76	29.249002714	2.9249002714e+1
211.77	29.250383947	2.9250383947e+1
211.78	29.251765181	2.9251765181e+1
211.79	29.253146414	2.9253146414e+1
211.8	29.254527648	2.9254527648e+1

211.81	29.255908882	2.9255908882e+1
211.82	29.257290115	2.9257290115e+1
211.83	29.258671349	2.9258671349e+1
211.84	29.260052582	2.9260052582e+1
211.85	29.261433816	2.9261433816e+1
211.86	29.26281505	2.926281505e+1
211.87	29.264196283	2.9264196283e+1
211.88	29.265577517	2.9265577517e+1
211.89	29.26695875	2.926695875e+1
211.9	29.268339984	2.9268339984e+1
211.91	29.269721218	2.9269721218e+1
211.92	29.271102451	2.9271102451e+1
211.93	29.272483685	2.9272483685e+1
211.94	29.273864918	2.9273864918e+1
211.95	29.275246152	2.9275246152e+1
211.96	29.276627386	2.9276627386e+1
211.97	29.278008619	2.9278008619e+1
211.98	29.279389853	2.9279389853e+1
211.99	29.280771086	2.9280771086e+1
212	29.28215232	2.928215232e+1
212.01	29.283533554	2.9283533554e+1
212.02	29.284914787	2.9284914787e+1
212.03	29.286296021	2.9286296021e+1
212.04	29.287677254	2.9287677254e+1
212.05	29.289058488	2.9289058488e+1
212.06	29.290439722	2.9290439722e+1
212.07	29.291820955	2.9291820955e+1
212.08	29.293202189	2.9293202189e+1
212.09	29.294583422	2.9294583422e+1
212.1	29.295964656	2.9295964656e+1
212.11	29.29734589	2.929734589e+1
212.12	29.298727123	2.9298727123e+1
212.13	29.300108357	2.9300108357e+1
212.14	29.30148959	2.930148959e+1
212.15	29.302870824	2.9302870824e+1
212.16	29.304252058	2.9304252058e+1
212.17	29.305633291	2.9305633291e+1
212.18	29.307014525	2.9307014525e+1

212.19	29.308395758	2.9308395758e+1
212.2	29.309776992	2.9309776992e+1
212.21	29.311158226	2.9311158226e+1
212.22	29.312539459	2.9312539459e+1
212.23	29.313920693	2.9313920693e+1
212.24	29.315301926	2.9315301926e+1
212.25	29.31668316	2.931668316e+1
212.26	29.318064394	2.9318064394e+1
212.27	29.319445627	2.9319445627e+1
212.28	29.320826861	2.9320826861e+1
212.29	29.322208094	2.9322208094e+1
212.3	29.323589328	2.9323589328e+1
212.31	29.324970562	2.9324970562e+1
212.32	29.326351795	2.9326351795e+1
212.33	29.327733029	2.9327733029e+1
212.34	29.329114262	2.9329114262e+1
212.35	29.330495496	2.9330495496e+1
212.36	29.33187673	2.933187673e+1
212.37	29.333257963	2.9333257963e+1
212.38	29.334639197	2.9334639197e+1
212.39	29.33602043	2.933602043e+1
212.4	29.337401664	2.9337401664e+1
212.41	29.338782898	2.9338782898e+1
212.42	29.340164131	2.9340164131e+1
212.43	29.341545365	2.9341545365e+1
212.44	29.342926598	2.9342926598e+1
212.45	29.344307832	2.9344307832e+1
212.46	29.345689066	2.9345689066e+1
212.47	29.347070299	2.9347070299e+1
212.48	29.348451533	2.9348451533e+1
212.49	29.349832766	2.9349832766e+1
212.5	29.351214	2.9351214e+1
212.51	29.352595234	2.9352595234e+1
212.52	29.353976467	2.9353976467e+1
212.53	29.355357701	2.9355357701e+1
212.54	29.356738934	2.9356738934e+1
212.55	29.358120168	2.9358120168e+1
212.56	29.359501402	2.9359501402e+1

212.57	29.360882635	2.9360882635e+1
212.58	29.362263869	2.9362263869e+1
212.59	29.363645102	2.9363645102e+1
212.6	29.365026336	2.9365026336e+1
212.61	29.36640757	2.936640757e+1
212.62	29.367788803	2.9367788803e+1
212.63	29.369170037	2.9369170037e+1
212.64	29.37055127	2.937055127e+1
212.65	29.371932504	2.9371932504e+1
212.66	29.373313738	2.9373313738e+1
212.67	29.374694971	2.9374694971e+1
212.68	29.376076205	2.9376076205e+1
212.69	29.377457438	2.9377457438e+1
212.7	29.378838672	2.9378838672e+1
212.71	29.380219906	2.9380219906e+1
212.72	29.381601139	2.9381601139e+1
212.73	29.382982373	2.9382982373e+1
212.74	29.384363606	2.9384363606e+1
212.75	29.38574484	2.938574484e+1
212.76	29.387126074	2.9387126074e+1
212.77	29.388507307	2.9388507307e+1
212.78	29.389888541	2.9389888541e+1
212.79	29.391269774	2.9391269774e+1
212.8	29.392651008	2.9392651008e+1
212.81	29.394032242	2.9394032242e+1
212.82	29.395413475	2.9395413475e+1
212.83	29.396794709	2.9396794709e+1
212.84	29.398175942	2.9398175942e+1
212.85	29.399557176	2.9399557176e+1
212.86	29.40093841	2.940093841e+1
212.87	29.402319643	2.9402319643e+1
212.88	29.403700877	2.9403700877e+1
212.89	29.40508211	2.940508211e+1
212.9	29.406463344	2.9406463344e+1
212.91	29.407844578	2.9407844578e+1
212.92	29.409225811	2.9409225811e+1
212.93	29.410607045	2.9410607045e+1
212.94	29.411988278	2.9411988278e+1

212.95	29.413369512	2.9413369512e+1
212.96	29.414750746	2.9414750746e+1
212.97	29.416131979	2.9416131979e+1
212.98	29.417513213	2.9417513213e+1
212.99	29.418894446	2.9418894446e+1
213	29.42027568	2.942027568e+1
213.01	29.421656914	2.9421656914e+1
213.02	29.423038147	2.9423038147e+1
213.03	29.424419381	2.9424419381e+1
213.04	29.425800614	2.9425800614e+1
213.05	29.427181848	2.9427181848e+1
213.06	29.428563082	2.9428563082e+1
213.07	29.429944315	2.9429944315e+1
213.08	29.431325549	2.9431325549e+1
213.09	29.432706782	2.9432706782e+1
213.1	29.434088016	2.9434088016e+1
213.11	29.43546925	2.943546925e+1
213.12	29.436850483	2.9436850483e+1
213.13	29.438231717	2.9438231717e+1
213.14	29.43961295	2.943961295e+1
213.15	29.440994184	2.9440994184e+1
213.16	29.442375418	2.9442375418e+1
213.17	29.443756651	2.9443756651e+1
213.18	29.445137885	2.9445137885e+1
213.19	29.446519118	2.9446519118e+1
213.2	29.447900352	2.9447900352e+1
213.21	29.449281586	2.9449281586e+1
213.22	29.450662819	2.9450662819e+1
213.23	29.452044053	2.9452044053e+1
213.24	29.453425286	2.9453425286e+1
213.25	29.45480652	2.945480652e+1
213.26	29.456187754	2.9456187754e+1
213.27	29.457568987	2.9457568987e+1
213.28	29.458950221	2.9458950221e+1
213.29	29.460331454	2.9460331454e+1
213.3	29.461712688	2.9461712688e+1
213.31	29.463093922	2.9463093922e+1
213.32	29.464475155	2.9464475155e+1

213.33	29.465856389	2.9465856389e+1
213.34	29.467237622	2.9467237622e+1
213.35	29.468618856	2.9468618856e+1
213.36	29.47000009	2.947000009e+1
213.37	29.471381323	2.9471381323e+1
213.38	29.472762557	2.9472762557e+1
213.39	29.47414379	2.947414379e+1
213.4	29.475525024	2.9475525024e+1
213.41	29.476906258	2.9476906258e+1
213.42	29.478287491	2.9478287491e+1
213.43	29.479668725	2.9479668725e+1
213.44	29.481049958	2.9481049958e+1
213.45	29.482431192	2.9482431192e+1
213.46	29.483812426	2.9483812426e+1
213.47	29.485193659	2.9485193659e+1
213.48	29.486574893	2.9486574893e+1
213.49	29.487956126	2.9487956126e+1
213.5	29.48933736	2.948933736e+1
213.51	29.490718594	2.9490718594e+1
213.52	29.492099827	2.9492099827e+1
213.53	29.493481061	2.9493481061e+1
213.54	29.494862294	2.9494862294e+1
213.55	29.496243528	2.9496243528e+1
213.56	29.497624762	2.9497624762e+1
213.57	29.499005995	2.9499005995e+1
213.58	29.500387229	2.9500387229e+1
213.59	29.501768462	2.9501768462e+1
213.6	29.503149696	2.9503149696e+1
213.61	29.50453093	2.950453093e+1
213.62	29.505912163	2.9505912163e+1
213.63	29.507293397	2.9507293397e+1
213.64	29.50867463	2.950867463e+1
213.65	29.510055864	2.9510055864e+1
213.66	29.511437098	2.9511437098e+1
213.67	29.512818331	2.9512818331e+1
213.68	29.514199565	2.9514199565e+1
213.69	29.515580798	2.9515580798e+1
213.7	29.516962032	2.9516962032e+1

213.71	29.518343266	2.9518343266e+1
213.72	29.519724499	2.9519724499e+1
213.73	29.521105733	2.9521105733e+1
213.74	29.522486966	2.9522486966e+1
213.75	29.5238682	2.95238682e+1
213.76	29.525249434	2.9525249434e+1
213.77	29.526630667	2.9526630667e+1
213.78	29.528011901	2.9528011901e+1
213.79	29.529393134	2.9529393134e+1
213.8	29.530774368	2.9530774368e+1
213.81	29.532155602	2.9532155602e+1
213.82	29.533536835	2.9533536835e+1
213.83	29.534918069	2.9534918069e+1
213.84	29.536299302	2.9536299302e+1
213.85	29.537680536	2.9537680536e+1
213.86	29.53906177	2.953906177e+1
213.87	29.540443003	2.9540443003e+1
213.88	29.541824237	2.9541824237e+1
213.89	29.54320547	2.954320547e+1
213.9	29.544586704	2.9544586704e+1
213.91	29.545967938	2.9545967938e+1
213.92	29.547349171	2.9547349171e+1
213.93	29.548730405	2.9548730405e+1
213.94	29.550111638	2.9550111638e+1
213.95	29.551492872	2.9551492872e+1
213.96	29.552874106	2.9552874106e+1
213.97	29.554255339	2.9554255339e+1
213.98	29.555636573	2.9555636573e+1
213.99	29.557017806	2.9557017806e+1
214	29.55839904	2.955839904e+1
214.01	29.559780274	2.9559780274e+1
214.02	29.561161507	2.9561161507e+1
214.03	29.562542741	2.9562542741e+1
214.04	29.563923974	2.9563923974e+1
214.05	29.565305208	2.9565305208e+1
214.06	29.566686442	2.9566686442e+1
214.07	29.568067675	2.9568067675e+1
214.08	29.569448909	2.9569448909e+1

214.09	29.570830142	2.9570830142e+1
214.1	29.572211376	2.9572211376e+1
214.11	29.57359261	2.957359261e+1
214.12	29.574973843	2.9574973843e+1
214.13	29.576355077	2.9576355077e+1
214.14	29.57773631	2.957773631e+1
214.15	29.579117544	2.9579117544e+1
214.16	29.580498778	2.9580498778e+1
214.17	29.581880011	2.9581880011e+1
214.18	29.583261245	2.9583261245e+1
214.19	29.584642478	2.9584642478e+1
214.2	29.586023712	2.9586023712e+1
214.21	29.587404946	2.9587404946e+1
214.22	29.588786179	2.9588786179e+1
214.23	29.590167413	2.9590167413e+1
214.24	29.591548646	2.9591548646e+1
214.25	29.59292988	2.959292988e+1
214.26	29.594311114	2.9594311114e+1
214.27	29.595692347	2.9595692347e+1
214.28	29.597073581	2.9597073581e+1
214.29	29.598454814	2.9598454814e+1
214.3	29.599836048	2.9599836048e+1
214.31	29.601217282	2.9601217282e+1
214.32	29.602598515	2.9602598515e+1
214.33	29.603979749	2.9603979749e+1
214.34	29.605360982	2.9605360982e+1
214.35	29.606742216	2.9606742216e+1
214.36	29.60812345	2.960812345e+1
214.37	29.609504683	2.9609504683e+1
214.38	29.610885917	2.9610885917e+1
214.39	29.61226715	2.961226715e+1
214.4	29.613648384	2.9613648384e+1
214.41	29.615029618	2.9615029618e+1
214.42	29.616410851	2.9616410851e+1
214.43	29.617792085	2.9617792085e+1
214.44	29.619173318	2.9619173318e+1
214.45	29.620554552	2.9620554552e+1
214.46	29.621935786	2.9621935786e+1

214.47	29.623317019	2.9623317019e+1
214.48	29.624698253	2.9624698253e+1
214.49	29.626079486	2.9626079486e+1
214.5	29.62746072	2.962746072e+1
214.51	29.628841954	2.9628841954e+1
214.52	29.630223187	2.9630223187e+1
214.53	29.631604421	2.9631604421e+1
214.54	29.632985654	2.9632985654e+1
214.55	29.634366888	2.9634366888e+1
214.56	29.635748122	2.9635748122e+1
214.57	29.637129355	2.9637129355e+1
214.58	29.638510589	2.9638510589e+1
214.59	29.639891822	2.9639891822e+1
214.6	29.641273056	2.9641273056e+1
214.61	29.64265429	2.964265429e+1
214.62	29.644035523	2.9644035523e+1
214.63	29.645416757	2.9645416757e+1
214.64	29.64679799	2.964679799e+1
214.65	29.648179224	2.9648179224e+1
214.66	29.649560458	2.9649560458e+1
214.67	29.650941691	2.9650941691e+1
214.68	29.652322925	2.9652322925e+1
214.69	29.653704158	2.9653704158e+1
214.7	29.655085392	2.9655085392e+1
214.71	29.656466626	2.9656466626e+1
214.72	29.657847859	2.9657847859e+1
214.73	29.659229093	2.9659229093e+1
214.74	29.660610326	2.9660610326e+1
214.75	29.66199156	2.966199156e+1
214.76	29.663372794	2.9663372794e+1
214.77	29.664754027	2.9664754027e+1
214.78	29.666135261	2.9666135261e+1
214.79	29.667516494	2.9667516494e+1
214.8	29.668897728	2.9668897728e+1
214.81	29.670278962	2.9670278962e+1
214.82	29.671660195	2.9671660195e+1
214.83	29.673041429	2.9673041429e+1
214.84	29.674422662	2.9674422662e+1

214.85	29.675803896	2.9675803896e+1
214.86	29.67718513	2.967718513e+1
214.87	29.678566363	2.9678566363e+1
214.88	29.679947597	2.9679947597e+1
214.89	29.68132883	2.968132883e+1
214.9	29.682710064	2.9682710064e+1
214.91	29.684091298	2.9684091298e+1
214.92	29.685472531	2.9685472531e+1
214.93	29.686853765	2.9686853765e+1
214.94	29.688234998	2.9688234998e+1
214.95	29.689616232	2.9689616232e+1
214.96	29.690997466	2.9690997466e+1
214.97	29.692378699	2.9692378699e+1
214.98	29.693759933	2.9693759933e+1
214.99	29.695141166	2.9695141166e+1
215	29.6965224	2.96965224e+1
215.01	29.697903634	2.9697903634e+1
215.02	29.699284867	2.9699284867e+1
215.03	29.700666101	2.9700666101e+1
215.04	29.702047334	2.9702047334e+1
215.05	29.703428568	2.9703428568e+1
215.06	29.704809802	2.9704809802e+1
215.07	29.706191035	2.9706191035e+1
215.08	29.707572269	2.9707572269e+1
215.09	29.708953502	2.9708953502e+1
215.1	29.710334736	2.9710334736e+1
215.11	29.71171597	2.971171597e+1
215.12	29.713097203	2.9713097203e+1
215.13	29.714478437	2.9714478437e+1
215.14	29.71585967	2.971585967e+1
215.15	29.717240904	2.9717240904e+1
215.16	29.718622138	2.9718622138e+1
215.17	29.720003371	2.9720003371e+1
215.18	29.721384605	2.9721384605e+1
215.19	29.722765838	2.9722765838e+1
215.2	29.724147072	2.9724147072e+1
215.21	29.725528306	2.9725528306e+1
215.22	29.726909539	2.9726909539e+1

215.23	29.728290773	2.9728290773e+1
215.24	29.729672006	2.9729672006e+1
215.25	29.73105324	2.973105324e+1
215.26	29.732434474	2.9732434474e+1
215.27	29.733815707	2.9733815707e+1
215.28	29.735196941	2.9735196941e+1
215.29	29.736578174	2.9736578174e+1
215.3	29.737959408	2.9737959408e+1
215.31	29.739340642	2.9739340642e+1
215.32	29.740721875	2.9740721875e+1
215.33	29.742103109	2.9742103109e+1
215.34	29.743484342	2.9743484342e+1
215.35	29.744865576	2.9744865576e+1
215.36	29.74624681	2.974624681e+1
215.37	29.747628043	2.9747628043e+1
215.38	29.749009277	2.9749009277e+1
215.39	29.75039051	2.975039051e+1
215.4	29.751771744	2.9751771744e+1
215.41	29.753152978	2.9753152978e+1
215.42	29.754534211	2.9754534211e+1
215.43	29.755915445	2.9755915445e+1
215.44	29.757296678	2.9757296678e+1
215.45	29.758677912	2.9758677912e+1
215.46	29.760059146	2.9760059146e+1
215.47	29.761440379	2.9761440379e+1
215.48	29.762821613	2.9762821613e+1
215.49	29.764202846	2.9764202846e+1
215.5	29.76558408	2.976558408e+1
215.51	29.766965314	2.9766965314e+1
215.52	29.768346547	2.9768346547e+1
215.53	29.769727781	2.9769727781e+1
215.54	29.771109014	2.9771109014e+1
215.55	29.772490248	2.9772490248e+1
215.56	29.773871482	2.9773871482e+1
215.57	29.775252715	2.9775252715e+1
215.58	29.776633949	2.9776633949e+1
215.59	29.778015182	2.9778015182e+1
215.6	29.779396416	2.9779396416e+1

215.61	29.78077765	2.978077765e+1
215.62	29.782158883	2.9782158883e+1
215.63	29.783540117	2.9783540117e+1
215.64	29.78492135	2.978492135e+1
215.65	29.786302584	2.9786302584e+1
215.66	29.787683818	2.9787683818e+1
215.67	29.789065051	2.9789065051e+1
215.68	29.790446285	2.9790446285e+1
215.69	29.791827518	2.9791827518e+1
215.7	29.793208752	2.9793208752e+1
215.71	29.794589986	2.9794589986e+1
215.72	29.795971219	2.9795971219e+1
215.73	29.797352453	2.9797352453e+1
215.74	29.798733686	2.9798733686e+1
215.75	29.80011492	2.980011492e+1
215.76	29.801496154	2.9801496154e+1
215.77	29.802877387	2.9802877387e+1
215.78	29.804258621	2.9804258621e+1
215.79	29.805639854	2.9805639854e+1
215.8	29.807021088	2.9807021088e+1
215.81	29.808402322	2.9808402322e+1
215.82	29.809783555	2.9809783555e+1
215.83	29.811164789	2.9811164789e+1
215.84	29.812546022	2.9812546022e+1
215.85	29.813927256	2.9813927256e+1
215.86	29.81530849	2.981530849e+1
215.87	29.816689723	2.9816689723e+1
215.88	29.818070957	2.9818070957e+1
215.89	29.81945219	2.981945219e+1
215.9	29.820833424	2.9820833424e+1
215.91	29.822214658	2.9822214658e+1
215.92	29.823595891	2.9823595891e+1
215.93	29.824977125	2.9824977125e+1
215.94	29.826358358	2.9826358358e+1
215.95	29.827739592	2.9827739592e+1
215.96	29.829120826	2.9829120826e+1
215.97	29.830502059	2.9830502059e+1
215.98	29.831883293	2.9831883293e+1

215.99	29.833264526	2.9833264526e+1
216	29.83464576	2.983464576e+1
216.01	29.836026994	2.9836026994e+1
216.02	29.837408227	2.9837408227e+1
216.03	29.838789461	2.9838789461e+1
216.04	29.840170694	2.9840170694e+1
216.05	29.841551928	2.9841551928e+1
216.06	29.842933162	2.9842933162e+1
216.07	29.844314395	2.9844314395e+1
216.08	29.845695629	2.9845695629e+1
216.09	29.847076862	2.9847076862e+1
216.1	29.848458096	2.9848458096e+1
216.11	29.84983933	2.984983933e+1
216.12	29.851220563	2.9851220563e+1
216.13	29.852601797	2.9852601797e+1
216.14	29.85398303	2.985398303e+1
216.15	29.855364264	2.9855364264e+1
216.16	29.856745498	2.9856745498e+1
216.17	29.858126731	2.9858126731e+1
216.18	29.859507965	2.9859507965e+1
216.19	29.860889198	2.9860889198e+1
216.2	29.862270432	2.9862270432e+1
216.21	29.863651666	2.9863651666e+1
216.22	29.865032899	2.9865032899e+1
216.23	29.866414133	2.9866414133e+1
216.24	29.867795366	2.9867795366e+1
216.25	29.8691766	2.98691766e+1
216.26	29.870557834	2.9870557834e+1
216.27	29.871939067	2.9871939067e+1
216.28	29.873320301	2.9873320301e+1
216.29	29.874701534	2.9874701534e+1
216.3	29.876082768	2.9876082768e+1
216.31	29.877464002	2.9877464002e+1
216.32	29.878845235	2.9878845235e+1
216.33	29.880226469	2.9880226469e+1
216.34	29.881607702	2.9881607702e+1
216.35	29.882988936	2.9882988936e+1
216.36	29.88437017	2.988437017e+1

216.37	29.885751403	2.9885751403e+1
216.38	29.887132637	2.9887132637e+1
216.39	29.88851387	2.988851387e+1
216.4	29.889895104	2.9889895104e+1
216.41	29.891276338	2.9891276338e+1
216.42	29.892657571	2.9892657571e+1
216.43	29.894038805	2.9894038805e+1
216.44	29.895420038	2.9895420038e+1
216.45	29.896801272	2.9896801272e+1
216.46	29.898182506	2.9898182506e+1
216.47	29.899563739	2.9899563739e+1
216.48	29.900944973	2.9900944973e+1
216.49	29.902326206	2.9902326206e+1
216.5	29.90370744	2.990370744e+1
216.51	29.905088674	2.9905088674e+1
216.52	29.906469907	2.9906469907e+1
216.53	29.907851141	2.9907851141e+1
216.54	29.909232374	2.9909232374e+1
216.55	29.910613608	2.9910613608e+1
216.56	29.911994842	2.9911994842e+1
216.57	29.913376075	2.9913376075e+1
216.58	29.914757309	2.9914757309e+1
216.59	29.916138542	2.9916138542e+1
216.6	29.917519776	2.9917519776e+1
216.61	29.91890101	2.991890101e+1
216.62	29.920282243	2.9920282243e+1
216.63	29.921663477	2.9921663477e+1
216.64	29.92304471	2.992304471e+1
216.65	29.924425944	2.9924425944e+1
216.66	29.925807178	2.9925807178e+1
216.67	29.927188411	2.9927188411e+1
216.68	29.928569645	2.9928569645e+1
216.69	29.929950878	2.9929950878e+1
216.7	29.931332112	2.9931332112e+1
216.71	29.932713346	2.9932713346e+1
216.72	29.934094579	2.9934094579e+1
216.73	29.935475813	2.9935475813e+1
216.74	29.936857046	2.9936857046e+1

216.75	29.93823828	2.993823828e+1
216.76	29.939619514	2.9939619514e+1
216.77	29.941000747	2.9941000747e+1
216.78	29.942381981	2.9942381981e+1
216.79	29.943763214	2.9943763214e+1
216.8	29.945144448	2.9945144448e+1
216.81	29.946525682	2.9946525682e+1
216.82	29.947906915	2.9947906915e+1
216.83	29.949288149	2.9949288149e+1
216.84	29.950669382	2.9950669382e+1
216.85	29.952050616	2.9952050616e+1
216.86	29.95343185	2.995343185e+1
216.87	29.954813083	2.9954813083e+1
216.88	29.956194317	2.9956194317e+1
216.89	29.95757555	2.995757555e+1
216.9	29.958956784	2.9958956784e+1
216.91	29.960338018	2.9960338018e+1
216.92	29.961719251	2.9961719251e+1
216.93	29.963100485	2.9963100485e+1
216.94	29.964481718	2.9964481718e+1
216.95	29.965862952	2.9965862952e+1
216.96	29.967244186	2.9967244186e+1
216.97	29.968625419	2.9968625419e+1
216.98	29.970006653	2.9970006653e+1
216.99	29.971387886	2.9971387886e+1
217	29.97276912	2.997276912e+1
217.01	29.974150354	2.9974150354e+1
217.02	29.975531587	2.9975531587e+1
217.03	29.976912821	2.9976912821e+1
217.04	29.978294054	2.9978294054e+1
217.05	29.979675288	2.9979675288e+1
217.06	29.981056522	2.9981056522e+1
217.07	29.982437755	2.9982437755e+1
217.08	29.983818989	2.9983818989e+1
217.09	29.985200222	2.9985200222e+1
217.1	29.986581456	2.9986581456e+1
217.11	29.98796269	2.998796269e+1
217.12	29.989343923	2.9989343923e+1

217.13	29.990725157	2.9990725157e+1
217.14	29.99210639	2.999210639e+1
217.15	29.993487624	2.9993487624e+1
217.16	29.994868858	2.9994868858e+1
217.17	29.996250091	2.9996250091e+1
217.18	29.997631325	2.9997631325e+1
217.19	29.999012558	2.9999012558e+1
217.2	30.000393792	3.0000393792e+1
217.21	30.001775026	3.0001775026e+1
217.22	30.003156259	3.0003156259e+1
217.23	30.004537493	3.0004537493e+1
217.24	30.005918726	3.0005918726e+1
217.25	30.00729996	3.000729996e+1
217.26	30.008681194	3.0008681194e+1
217.27	30.010062427	3.0010062427e+1
217.28	30.011443661	3.0011443661e+1
217.29	30.012824894	3.0012824894e+1
217.3	30.014206128	3.0014206128e+1
217.31	30.015587362	3.0015587362e+1
217.32	30.016968595	3.0016968595e+1
217.33	30.018349829	3.0018349829e+1
217.34	30.019731062	3.0019731062e+1
217.35	30.021112296	3.0021112296e+1
217.36	30.02249353	3.002249353e+1
217.37	30.023874763	3.0023874763e+1
217.38	30.025255997	3.0025255997e+1
217.39	30.02663723	3.002663723e+1
217.4	30.028018464	3.0028018464e+1
217.41	30.029399698	3.0029399698e+1
217.42	30.030780931	3.0030780931e+1
217.43	30.032162165	3.0032162165e+1
217.44	30.033543398	3.0033543398e+1
217.45	30.034924632	3.0034924632e+1
217.46	30.036305866	3.0036305866e+1
217.47	30.037687099	3.0037687099e+1
217.48	30.039068333	3.0039068333e+1
217.49	30.040449566	3.0040449566e+1
217.5	30.0418308	3.00418308e+1

217.51	30.043212034	3.0043212034e+1
217.52	30.044593267	3.0044593267e+1
217.53	30.045974501	3.0045974501e+1
217.54	30.047355734	3.0047355734e+1
217.55	30.048736968	3.0048736968e+1
217.56	30.050118202	3.0050118202e+1
217.57	30.051499435	3.0051499435e+1
217.58	30.052880669	3.0052880669e+1
217.59	30.054261902	3.0054261902e+1
217.6	30.055643136	3.0055643136e+1
217.61	30.05702437	3.005702437e+1
217.62	30.058405603	3.0058405603e+1
217.63	30.059786837	3.0059786837e+1
217.64	30.06116807	3.006116807e+1
217.65	30.062549304	3.0062549304e+1
217.66	30.063930538	3.0063930538e+1
217.67	30.065311771	3.0065311771e+1
217.68	30.066693005	3.0066693005e+1
217.69	30.068074238	3.0068074238e+1
217.7	30.069455472	3.0069455472e+1
217.71	30.070836706	3.0070836706e+1
217.72	30.072217939	3.0072217939e+1
217.73	30.073599173	3.0073599173e+1
217.74	30.074980406	3.0074980406e+1
217.75	30.07636164	3.007636164e+1
217.76	30.077742874	3.0077742874e+1
217.77	30.079124107	3.0079124107e+1
217.78	30.080505341	3.0080505341e+1
217.79	30.081886574	3.0081886574e+1
217.8	30.083267808	3.0083267808e+1
217.81	30.084649042	3.0084649042e+1
217.82	30.086030275	3.0086030275e+1
217.83	30.087411509	3.0087411509e+1
217.84	30.088792742	3.0088792742e+1
217.85	30.090173976	3.0090173976e+1
217.86	30.09155521	3.009155521e+1
217.87	30.092936443	3.0092936443e+1
217.88	30.094317677	3.0094317677e+1

217.89	30.09569891	3.009569891e+1
217.9	30.097080144	3.0097080144e+1
217.91	30.098461378	3.0098461378e+1
217.92	30.099842611	3.0099842611e+1
217.93	30.101223845	3.0101223845e+1
217.94	30.102605078	3.0102605078e+1
217.95	30.103986312	3.0103986312e+1
217.96	30.105367546	3.0105367546e+1
217.97	30.106748779	3.0106748779e+1
217.98	30.108130013	3.0108130013e+1
217.99	30.109511246	3.0109511246e+1
218	30.11089248	3.011089248e+1
218.01	30.112273714	3.0112273714e+1
218.02	30.113654947	3.0113654947e+1
218.03	30.115036181	3.0115036181e+1
218.04	30.116417414	3.0116417414e+1
218.05	30.117798648	3.0117798648e+1
218.06	30.119179882	3.0119179882e+1
218.07	30.120561115	3.0120561115e+1
218.08	30.121942349	3.0121942349e+1
218.09	30.123323582	3.0123323582e+1
218.1	30.124704816	3.0124704816e+1
218.11	30.12608605	3.012608605e+1
218.12	30.127467283	3.0127467283e+1
218.13	30.128848517	3.0128848517e+1
218.14	30.13022975	3.013022975e+1
218.15	30.131610984	3.0131610984e+1
218.16	30.132992218	3.0132992218e+1
218.17	30.134373451	3.0134373451e+1
218.18	30.135754685	3.0135754685e+1
218.19	30.137135918	3.0137135918e+1
218.2	30.138517152	3.0138517152e+1
218.21	30.139898386	3.0139898386e+1
218.22	30.141279619	3.0141279619e+1
218.23	30.142660853	3.0142660853e+1
218.24	30.144042086	3.0144042086e+1
218.25	30.14542332	3.014542332e+1
218.26	30.146804554	3.0146804554e+1

218.27	30.148185787	3.0148185787e+1
218.28	30.149567021	3.0149567021e+1
218.29	30.150948254	3.0150948254e+1
218.3	30.152329488	3.0152329488e+1
218.31	30.153710722	3.0153710722e+1
218.32	30.155091955	3.0155091955e+1
218.33	30.156473189	3.0156473189e+1
218.34	30.157854422	3.0157854422e+1
218.35	30.159235656	3.0159235656e+1
218.36	30.16061689	3.016061689e+1
218.37	30.161998123	3.0161998123e+1
218.38	30.163379357	3.0163379357e+1
218.39	30.16476059	3.016476059e+1
218.4	30.166141824	3.0166141824e+1
218.41	30.167523058	3.0167523058e+1
218.42	30.168904291	3.0168904291e+1
218.43	30.170285525	3.0170285525e+1
218.44	30.171666758	3.0171666758e+1
218.45	30.173047992	3.0173047992e+1
218.46	30.174429226	3.0174429226e+1
218.47	30.175810459	3.0175810459e+1
218.48	30.177191693	3.0177191693e+1
218.49	30.178572926	3.0178572926e+1
218.5	30.17995416	3.017995416e+1
218.51	30.181335394	3.0181335394e+1
218.52	30.182716627	3.0182716627e+1
218.53	30.184097861	3.0184097861e+1
218.54	30.185479094	3.0185479094e+1
218.55	30.186860328	3.0186860328e+1
218.56	30.188241562	3.0188241562e+1
218.57	30.189622795	3.0189622795e+1
218.58	30.191004029	3.0191004029e+1
218.59	30.192385262	3.0192385262e+1
218.6	30.193766496	3.0193766496e+1
218.61	30.19514773	3.019514773e+1
218.62	30.196528963	3.0196528963e+1
218.63	30.197910197	3.0197910197e+1
218.64	30.19929143	3.019929143e+1

218.65	30.200672664	3.0200672664e+1
218.66	30.202053898	3.0202053898e+1
218.67	30.203435131	3.0203435131e+1
218.68	30.204816365	3.0204816365e+1
218.69	30.206197598	3.0206197598e+1
218.7	30.207578832	3.0207578832e+1
218.71	30.208960066	3.0208960066e+1
218.72	30.210341299	3.0210341299e+1
218.73	30.211722533	3.0211722533e+1
218.74	30.213103766	3.0213103766e+1
218.75	30.214485	3.0214485e+1
218.76	30.215866234	3.0215866234e+1
218.77	30.217247467	3.0217247467e+1
218.78	30.218628701	3.0218628701e+1
218.79	30.220009934	3.0220009934e+1
218.8	30.221391168	3.0221391168e+1
218.81	30.222772402	3.0222772402e+1
218.82	30.224153635	3.0224153635e+1
218.83	30.225534869	3.0225534869e+1
218.84	30.226916102	3.0226916102e+1
218.85	30.228297336	3.0228297336e+1
218.86	30.22967857	3.022967857e+1
218.87	30.231059803	3.0231059803e+1
218.88	30.232441037	3.0232441037e+1
218.89	30.23382227	3.023382227e+1
218.9	30.235203504	3.0235203504e+1
218.91	30.236584738	3.0236584738e+1
218.92	30.237965971	3.0237965971e+1
218.93	30.239347205	3.0239347205e+1
218.94	30.240728438	3.0240728438e+1
218.95	30.242109672	3.0242109672e+1
218.96	30.243490906	3.0243490906e+1
218.97	30.244872139	3.0244872139e+1
218.98	30.246253373	3.0246253373e+1
218.99	30.247634606	3.0247634606e+1
219	30.24901584	3.024901584e+1
219.01	30.250397074	3.0250397074e+1
219.02	30.251778307	3.0251778307e+1

219.03	30.253159541	3.0253159541e+1
219.04	30.254540774	3.0254540774e+1
219.05	30.255922008	3.0255922008e+1
219.06	30.257303242	3.0257303242e+1
219.07	30.258684475	3.0258684475e+1
219.08	30.260065709	3.0260065709e+1
219.09	30.261446942	3.0261446942e+1
219.1	30.262828176	3.0262828176e+1
219.11	30.26420941	3.026420941e+1
219.12	30.265590643	3.0265590643e+1
219.13	30.266971877	3.0266971877e+1
219.14	30.26835311	3.026835311e+1
219.15	30.269734344	3.0269734344e+1
219.16	30.271115578	3.0271115578e+1
219.17	30.272496811	3.0272496811e+1
219.18	30.273878045	3.0273878045e+1
219.19	30.275259278	3.0275259278e+1
219.2	30.276640512	3.0276640512e+1
219.21	30.278021746	3.0278021746e+1
219.22	30.279402979	3.0279402979e+1
219.23	30.280784213	3.0280784213e+1
219.24	30.282165446	3.0282165446e+1
219.25	30.28354668	3.028354668e+1
219.26	30.284927914	3.0284927914e+1
219.27	30.286309147	3.0286309147e+1
219.28	30.287690381	3.0287690381e+1
219.29	30.289071614	3.0289071614e+1
219.3	30.290452848	3.0290452848e+1
219.31	30.291834082	3.0291834082e+1
219.32	30.293215315	3.0293215315e+1
219.33	30.294596549	3.0294596549e+1
219.34	30.295977782	3.0295977782e+1
219.35	30.297359016	3.0297359016e+1
219.36	30.29874025	3.029874025e+1
219.37	30.300121483	3.0300121483e+1
219.38	30.301502717	3.0301502717e+1
219.39	30.30288395	3.030288395e+1
219.4	30.304265184	3.0304265184e+1

219.41	30.305646418	3.0305646418e+1
219.42	30.307027651	3.0307027651e+1
219.43	30.308408885	3.0308408885e+1
219.44	30.309790118	3.0309790118e+1
219.45	30.311171352	3.0311171352e+1
219.46	30.312552586	3.0312552586e+1
219.47	30.313933819	3.0313933819e+1
219.48	30.315315053	3.0315315053e+1
219.49	30.316696286	3.0316696286e+1
219.5	30.31807752	3.031807752e+1
219.51	30.319458754	3.0319458754e+1
219.52	30.320839987	3.0320839987e+1
219.53	30.322221221	3.0322221221e+1
219.54	30.323602454	3.0323602454e+1
219.55	30.324983688	3.0324983688e+1
219.56	30.326364922	3.0326364922e+1
219.57	30.327746155	3.0327746155e+1
219.58	30.329127389	3.0329127389e+1
219.59	30.330508622	3.0330508622e+1
219.6	30.331889856	3.0331889856e+1
219.61	30.33327109	3.033327109e+1
219.62	30.334652323	3.0334652323e+1
219.63	30.336033557	3.0336033557e+1
219.64	30.33741479	3.033741479e+1
219.65	30.338796024	3.0338796024e+1
219.66	30.340177258	3.0340177258e+1
219.67	30.341558491	3.0341558491e+1
219.68	30.342939725	3.0342939725e+1
219.69	30.344320958	3.0344320958e+1
219.7	30.345702192	3.0345702192e+1
219.71	30.347083426	3.0347083426e+1
219.72	30.348464659	3.0348464659e+1
219.73	30.349845893	3.0349845893e+1
219.74	30.351227126	3.0351227126e+1
219.75	30.35260836	3.035260836e+1
219.76	30.353989594	3.0353989594e+1
219.77	30.355370827	3.0355370827e+1
219.78	30.356752061	3.0356752061e+1

219.79	30.358133294	3.0358133294e+1
219.8	30.359514528	3.0359514528e+1
219.81	30.360895762	3.0360895762e+1
219.82	30.362276995	3.0362276995e+1
219.83	30.363658229	3.0363658229e+1
219.84	30.365039462	3.0365039462e+1
219.85	30.366420696	3.0366420696e+1
219.86	30.36780193	3.036780193e+1
219.87	30.369183163	3.0369183163e+1
219.88	30.370564397	3.0370564397e+1
219.89	30.37194563	3.037194563e+1
219.9	30.373326864	3.0373326864e+1
219.91	30.374708098	3.0374708098e+1
219.92	30.376089331	3.0376089331e+1
219.93	30.377470565	3.0377470565e+1
219.94	30.378851798	3.0378851798e+1
219.95	30.380233032	3.0380233032e+1
219.96	30.381614266	3.0381614266e+1
219.97	30.382995499	3.0382995499e+1
219.98	30.384376733	3.0384376733e+1
219.99	30.385757966	3.0385757966e+1
220	30.3871392	3.03871392e+1
220.01	30.388520434	3.0388520434e+1
220.02	30.389901667	3.0389901667e+1
220.03	30.391282901	3.0391282901e+1
220.04	30.392664134	3.0392664134e+1
220.05	30.394045368	3.0394045368e+1
220.06	30.395426602	3.0395426602e+1
220.07	30.396807835	3.0396807835e+1
220.08	30.398189069	3.0398189069e+1
220.09	30.399570302	3.0399570302e+1
220.1	30.400951536	3.0400951536e+1
220.11	30.40233277	3.040233277e+1
220.12	30.403714003	3.0403714003e+1
220.13	30.405095237	3.0405095237e+1
220.14	30.40647647	3.040647647e+1
220.15	30.407857704	3.0407857704e+1
220.16	30.409238938	3.0409238938e+1

220.17	30.410620171	3.0410620171e+1
220.18	30.412001405	3.0412001405e+1
220.19	30.413382638	3.0413382638e+1
220.2	30.414763872	3.0414763872e+1
220.21	30.416145106	3.0416145106e+1
220.22	30.417526339	3.0417526339e+1
220.23	30.418907573	3.0418907573e+1
220.24	30.420288806	3.0420288806e+1
220.25	30.42167004	3.042167004e+1
220.26	30.423051274	3.0423051274e+1
220.27	30.424432507	3.0424432507e+1
220.28	30.425813741	3.0425813741e+1
220.29	30.427194974	3.0427194974e+1
220.3	30.428576208	3.0428576208e+1
220.31	30.429957442	3.0429957442e+1
220.32	30.431338675	3.0431338675e+1
220.33	30.432719909	3.0432719909e+1
220.34	30.434101142	3.0434101142e+1
220.35	30.435482376	3.0435482376e+1
220.36	30.43686361	3.043686361e+1
220.37	30.438244843	3.0438244843e+1
220.38	30.439626077	3.0439626077e+1
220.39	30.44100731	3.044100731e+1
220.4	30.442388544	3.0442388544e+1
220.41	30.443769778	3.0443769778e+1
220.42	30.445151011	3.0445151011e+1
220.43	30.446532245	3.0446532245e+1
220.44	30.447913478	3.0447913478e+1
220.45	30.449294712	3.0449294712e+1
220.46	30.450675946	3.0450675946e+1
220.47	30.452057179	3.0452057179e+1
220.48	30.453438413	3.0453438413e+1
220.49	30.454819646	3.0454819646e+1
220.5	30.45620088	3.045620088e+1
220.51	30.457582114	3.0457582114e+1
220.52	30.458963347	3.0458963347e+1
220.53	30.460344581	3.0460344581e+1
220.54	30.461725814	3.0461725814e+1

220.55	30.463107048	3.0463107048e+1
220.56	30.464488282	3.0464488282e+1
220.57	30.465869515	3.0465869515e+1
220.58	30.467250749	3.0467250749e+1
220.59	30.468631982	3.0468631982e+1
220.6	30.470013216	3.0470013216e+1
220.61	30.47139445	3.047139445e+1
220.62	30.472775683	3.0472775683e+1
220.63	30.474156917	3.0474156917e+1
220.64	30.47553815	3.047553815e+1
220.65	30.476919384	3.0476919384e+1
220.66	30.478300618	3.0478300618e+1
220.67	30.479681851	3.0479681851e+1
220.68	30.481063085	3.0481063085e+1
220.69	30.482444318	3.0482444318e+1
220.7	30.483825552	3.0483825552e+1
220.71	30.485206786	3.0485206786e+1
220.72	30.486588019	3.0486588019e+1
220.73	30.487969253	3.0487969253e+1
220.74	30.489350486	3.0489350486e+1
220.75	30.49073172	3.049073172e+1
220.76	30.492112954	3.0492112954e+1
220.77	30.493494187	3.0493494187e+1
220.78	30.494875421	3.0494875421e+1
220.79	30.496256654	3.0496256654e+1
220.8	30.497637888	3.0497637888e+1
220.81	30.499019122	3.0499019122e+1
220.82	30.500400355	3.0500400355e+1
220.83	30.501781589	3.0501781589e+1
220.84	30.503162822	3.0503162822e+1
220.85	30.504544056	3.0504544056e+1
220.86	30.50592529	3.050592529e+1
220.87	30.507306523	3.0507306523e+1
220.88	30.508687757	3.0508687757e+1
220.89	30.51006899	3.051006899e+1
220.9	30.511450224	3.0511450224e+1
220.91	30.512831458	3.0512831458e+1
220.92	30.514212691	3.0514212691e+1

220.93	30.515593925	3.0515593925e+1
220.94	30.516975158	3.0516975158e+1
220.95	30.518356392	3.0518356392e+1
220.96	30.519737626	3.0519737626e+1
220.97	30.521118859	3.0521118859e+1
220.98	30.522500093	3.0522500093e+1
220.99	30.523881326	3.0523881326e+1
221	30.52526256	3.052526256e+1
221.01	30.526643794	3.0526643794e+1
221.02	30.528025027	3.0528025027e+1
221.03	30.529406261	3.0529406261e+1
221.04	30.530787494	3.0530787494e+1
221.05	30.532168728	3.0532168728e+1
221.06	30.533549962	3.0533549962e+1
221.07	30.534931195	3.0534931195e+1
221.08	30.536312429	3.0536312429e+1
221.09	30.537693662	3.0537693662e+1
221.1	30.539074896	3.0539074896e+1
221.11	30.54045613	3.054045613e+1
221.12	30.541837363	3.0541837363e+1
221.13	30.543218597	3.0543218597e+1
221.14	30.54459983	3.054459983e+1
221.15	30.545981064	3.0545981064e+1
221.16	30.547362298	3.0547362298e+1
221.17	30.548743531	3.0548743531e+1
221.18	30.550124765	3.0550124765e+1
221.19	30.551505998	3.0551505998e+1
221.2	30.552887232	3.0552887232e+1
221.21	30.554268466	3.0554268466e+1
221.22	30.555649699	3.0555649699e+1
221.23	30.557030933	3.0557030933e+1
221.24	30.558412166	3.0558412166e+1
221.25	30.5597934	3.05597934e+1
221.26	30.561174634	3.0561174634e+1
221.27	30.562555867	3.0562555867e+1
221.28	30.563937101	3.0563937101e+1
221.29	30.565318334	3.0565318334e+1
221.3	30.566699568	3.0566699568e+1

221.31	30.568080802	3.0568080802e+1
221.32	30.569462035	3.0569462035e+1
221.33	30.570843269	3.0570843269e+1
221.34	30.572224502	3.0572224502e+1
221.35	30.573605736	3.0573605736e+1
221.36	30.57498697	3.057498697e+1
221.37	30.576368203	3.0576368203e+1
221.38	30.577749437	3.0577749437e+1
221.39	30.57913067	3.057913067e+1
221.4	30.580511904	3.0580511904e+1
221.41	30.581893138	3.0581893138e+1
221.42	30.583274371	3.0583274371e+1
221.43	30.584655605	3.0584655605e+1
221.44	30.586036838	3.0586036838e+1
221.45	30.587418072	3.0587418072e+1
221.46	30.588799306	3.0588799306e+1
221.47	30.590180539	3.0590180539e+1
221.48	30.591561773	3.0591561773e+1
221.49	30.592943006	3.0592943006e+1
221.5	30.59432424	3.059432424e+1
221.51	30.595705474	3.0595705474e+1
221.52	30.597086707	3.0597086707e+1
221.53	30.598467941	3.0598467941e+1
221.54	30.599849174	3.0599849174e+1
221.55	30.601230408	3.0601230408e+1
221.56	30.602611642	3.0602611642e+1
221.57	30.603992875	3.0603992875e+1
221.58	30.605374109	3.0605374109e+1
221.59	30.606755342	3.0606755342e+1
221.6	30.608136576	3.0608136576e+1
221.61	30.60951781	3.060951781e+1
221.62	30.610899043	3.0610899043e+1
221.63	30.612280277	3.0612280277e+1
221.64	30.61366151	3.061366151e+1
221.65	30.615042744	3.0615042744e+1
221.66	30.616423978	3.0616423978e+1
221.67	30.617805211	3.0617805211e+1
221.68	30.619186445	3.0619186445e+1

221.69	30.620567678	3.0620567678e+1
221.7	30.621948912	3.0621948912e+1
221.71	30.623330146	3.0623330146e+1
221.72	30.624711379	3.0624711379e+1
221.73	30.626092613	3.0626092613e+1
221.74	30.627473846	3.0627473846e+1
221.75	30.62885508	3.062885508e+1
221.76	30.630236314	3.0630236314e+1
221.77	30.631617547	3.0631617547e+1
221.78	30.632998781	3.0632998781e+1
221.79	30.634380014	3.0634380014e+1
221.8	30.635761248	3.0635761248e+1
221.81	30.637142482	3.0637142482e+1
221.82	30.638523715	3.0638523715e+1
221.83	30.639904949	3.0639904949e+1
221.84	30.641286182	3.0641286182e+1
221.85	30.642667416	3.0642667416e+1
221.86	30.64404865	3.064404865e+1
221.87	30.645429883	3.0645429883e+1
221.88	30.646811117	3.0646811117e+1
221.89	30.64819235	3.064819235e+1
221.9	30.649573584	3.0649573584e+1
221.91	30.650954818	3.0650954818e+1
221.92	30.652336051	3.0652336051e+1
221.93	30.653717285	3.0653717285e+1
221.94	30.655098518	3.0655098518e+1
221.95	30.656479752	3.0656479752e+1
221.96	30.657860986	3.0657860986e+1
221.97	30.659242219	3.0659242219e+1
221.98	30.660623453	3.0660623453e+1
221.99	30.662004686	3.0662004686e+1
222	30.66338592	3.066338592e+1
222.01	30.664767154	3.0664767154e+1
222.02	30.666148387	3.0666148387e+1
222.03	30.667529621	3.0667529621e+1
222.04	30.668910854	3.0668910854e+1
222.05	30.670292088	3.0670292088e+1
222.06	30.671673322	3.0671673322e+1

222.07	30.673054555	3.0673054555e+1
222.08	30.674435789	3.0674435789e+1
222.09	30.675817022	3.0675817022e+1
222.1	30.677198256	3.0677198256e+1
222.11	30.67857949	3.067857949e+1
222.12	30.679960723	3.0679960723e+1
222.13	30.681341957	3.0681341957e+1
222.14	30.68272319	3.068272319e+1
222.15	30.684104424	3.0684104424e+1
222.16	30.685485658	3.0685485658e+1
222.17	30.686866891	3.0686866891e+1
222.18	30.688248125	3.0688248125e+1
222.19	30.689629358	3.0689629358e+1
222.2	30.691010592	3.0691010592e+1
222.21	30.692391826	3.0692391826e+1
222.22	30.693773059	3.0693773059e+1
222.23	30.695154293	3.0695154293e+1
222.24	30.696535526	3.0696535526e+1
222.25	30.69791676	3.069791676e+1
222.26	30.699297994	3.0699297994e+1
222.27	30.700679227	3.0700679227e+1
222.28	30.702060461	3.0702060461e+1
222.29	30.703441694	3.0703441694e+1
222.3	30.704822928	3.0704822928e+1
222.31	30.706204162	3.0706204162e+1
222.32	30.707585395	3.0707585395e+1
222.33	30.708966629	3.0708966629e+1
222.34	30.710347862	3.0710347862e+1
222.35	30.711729096	3.0711729096e+1
222.36	30.71311033	3.071311033e+1
222.37	30.714491563	3.0714491563e+1
222.38	30.715872797	3.0715872797e+1
222.39	30.71725403	3.071725403e+1
222.4	30.718635264	3.0718635264e+1
222.41	30.720016498	3.0720016498e+1
222.42	30.721397731	3.0721397731e+1
222.43	30.722778965	3.0722778965e+1
222.44	30.724160198	3.0724160198e+1

222.45	30.725541432	3.0725541432e+1
222.46	30.726922666	3.0726922666e+1
222.47	30.728303899	3.0728303899e+1
222.48	30.729685133	3.0729685133e+1
222.49	30.731066366	3.0731066366e+1
222.5	30.7324476	3.07324476e+1
222.51	30.733828834	3.0733828834e+1
222.52	30.735210067	3.0735210067e+1
222.53	30.736591301	3.0736591301e+1
222.54	30.737972534	3.0737972534e+1
222.55	30.739353768	3.0739353768e+1
222.56	30.740735002	3.0740735002e+1
222.57	30.742116235	3.0742116235e+1
222.58	30.743497469	3.0743497469e+1
222.59	30.744878702	3.0744878702e+1
222.6	30.746259936	3.0746259936e+1
222.61	30.74764117	3.074764117e+1
222.62	30.749022403	3.0749022403e+1
222.63	30.750403637	3.0750403637e+1
222.64	30.75178487	3.075178487e+1
222.65	30.753166104	3.0753166104e+1
222.66	30.754547338	3.0754547338e+1
222.67	30.755928571	3.0755928571e+1
222.68	30.757309805	3.0757309805e+1
222.69	30.758691038	3.0758691038e+1
222.7	30.760072272	3.0760072272e+1
222.71	30.761453506	3.0761453506e+1
222.72	30.762834739	3.0762834739e+1
222.73	30.764215973	3.0764215973e+1
222.74	30.765597206	3.0765597206e+1
222.75	30.76697844	3.076697844e+1
222.76	30.768359674	3.0768359674e+1
222.77	30.769740907	3.0769740907e+1
222.78	30.771122141	3.0771122141e+1
222.79	30.772503374	3.0772503374e+1
222.8	30.773884608	3.0773884608e+1
222.81	30.775265842	3.0775265842e+1
222.82	30.776647075	3.0776647075e+1

222.83	30.778028309	3.0778028309e+1
222.84	30.779409542	3.0779409542e+1
222.85	30.780790776	3.0780790776e+1
222.86	30.78217201	3.078217201e+1
222.87	30.783553243	3.0783553243e+1
222.88	30.784934477	3.0784934477e+1
222.89	30.78631571	3.078631571e+1
222.9	30.787696944	3.0787696944e+1
222.91	30.789078178	3.0789078178e+1
222.92	30.790459411	3.0790459411e+1
222.93	30.791840645	3.0791840645e+1
222.94	30.793221878	3.0793221878e+1
222.95	30.794603112	3.0794603112e+1
222.96	30.795984346	3.0795984346e+1
222.97	30.797365579	3.0797365579e+1
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223	30.80150928	3.080150928e+1
223.01	30.802890514	3.0802890514e+1
223.02	30.804271747	3.0804271747e+1
223.03	30.805652981	3.0805652981e+1
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223.07	30.811177915	3.0811177915e+1
223.08	30.812559149	3.0812559149e+1
223.09	30.813940382	3.0813940382e+1
223.1	30.815321616	3.0815321616e+1
223.11	30.81670285	3.081670285e+1
223.12	30.818084083	3.0818084083e+1
223.13	30.819465317	3.0819465317e+1
223.14	30.82084655	3.082084655e+1
223.15	30.822227784	3.0822227784e+1
223.16	30.823609018	3.0823609018e+1
223.17	30.824990251	3.0824990251e+1
223.18	30.826371485	3.0826371485e+1
223.19	30.827752718	3.0827752718e+1
223.2	30.829133952	3.0829133952e+1

223.21	30.830515186	3.0830515186e+1
223.22	30.831896419	3.0831896419e+1
223.23	30.833277653	3.0833277653e+1
223.24	30.834658886	3.0834658886e+1
223.25	30.83604012	3.083604012e+1
223.26	30.837421354	3.0837421354e+1
223.27	30.838802587	3.0838802587e+1
223.28	30.840183821	3.0840183821e+1
223.29	30.841565054	3.0841565054e+1
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223.31	30.844327522	3.0844327522e+1
223.32	30.845708755	3.0845708755e+1
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223.34	30.848471222	3.0848471222e+1
223.35	30.849852456	3.0849852456e+1
223.36	30.85123369	3.085123369e+1
223.37	30.852614923	3.0852614923e+1
223.38	30.853996157	3.0853996157e+1
223.39	30.85537739	3.085537739e+1
223.4	30.856758624	3.0856758624e+1
223.41	30.858139858	3.0858139858e+1
223.42	30.859521091	3.0859521091e+1
223.43	30.860902325	3.0860902325e+1
223.44	30.862283558	3.0862283558e+1
223.45	30.863664792	3.0863664792e+1
223.46	30.865046026	3.0865046026e+1
223.47	30.866427259	3.0866427259e+1
223.48	30.867808493	3.0867808493e+1
223.49	30.869189726	3.0869189726e+1
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223.51	30.871952194	3.0871952194e+1
223.52	30.873333427	3.0873333427e+1
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223.56	30.878858362	3.0878858362e+1
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223.61	30.88576453	3.088576453e+1
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223.64	30.88990823	3.088990823e+1
223.65	30.891289464	3.0891289464e+1
223.66	30.892670698	3.0892670698e+1
223.67	30.894051931	3.0894051931e+1
223.68	30.895433165	3.0895433165e+1
223.69	30.896814398	3.0896814398e+1
223.7	30.898195632	3.0898195632e+1
223.71	30.899576866	3.0899576866e+1
223.72	30.900958099	3.0900958099e+1
223.73	30.902339333	3.0902339333e+1
223.74	30.903720566	3.0903720566e+1
223.75	30.9051018	3.09051018e+1
223.76	30.906483034	3.0906483034e+1
223.77	30.907864267	3.0907864267e+1
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223.83	30.916151669	3.0916151669e+1
223.84	30.917532902	3.0917532902e+1
223.85	30.918914136	3.0918914136e+1
223.86	30.92029537	3.092029537e+1
223.87	30.921676603	3.0921676603e+1
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223.89	30.92443907	3.092443907e+1
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223.91	30.927201538	3.0927201538e+1
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223.96	30.934107706	3.0934107706e+1

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223.98	30.936870173	3.0936870173e+1
223.99	30.938251406	3.0938251406e+1
224	30.93963264	3.093963264e+1
224.01	30.941013874	3.0941013874e+1
224.02	30.942395107	3.0942395107e+1
224.03	30.943776341	3.0943776341e+1
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224.08	30.950682509	3.0950682509e+1
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224.1	30.953444976	3.0953444976e+1
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224.15	30.960351144	3.0960351144e+1
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224.19	30.965876078	3.0965876078e+1
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224.34	30.986594582	3.0986594582e+1

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224.38	30.992119517	3.0992119517e+1
224.39	30.99350075	3.099350075e+1
224.4	30.994881984	3.0994881984e+1
224.41	30.996263218	3.0996263218e+1
224.42	30.997644451	3.0997644451e+1
224.43	30.999025685	3.0999025685e+1
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224.47	31.004550619	3.1004550619e+1
224.48	31.005931853	3.1005931853e+1
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224.56	31.016981722	3.1016981722e+1
224.57	31.018362955	3.1018362955e+1
224.58	31.019744189	3.1019744189e+1
224.59	31.021125422	3.1021125422e+1
224.6	31.022506656	3.1022506656e+1
224.61	31.02388789	3.102388789e+1
224.62	31.025269123	3.1025269123e+1
224.63	31.026650357	3.1026650357e+1
224.64	31.02803159	3.102803159e+1
224.65	31.029412824	3.1029412824e+1
224.66	31.030794058	3.1030794058e+1
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224.68	31.033556525	3.1033556525e+1
224.69	31.034937758	3.1034937758e+1
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224.71	31.037700226	3.1037700226e+1
224.72	31.039081459	3.1039081459e+1

224.73	31.040462693	3.1040462693e+1
224.74	31.041843926	3.1041843926e+1
224.75	31.04322516	3.104322516e+1
224.76	31.044606394	3.1044606394e+1
224.77	31.045987627	3.1045987627e+1
224.78	31.047368861	3.1047368861e+1
224.79	31.048750094	3.1048750094e+1
224.8	31.050131328	3.1050131328e+1
224.81	31.051512562	3.1051512562e+1
224.82	31.052893795	3.1052893795e+1
224.83	31.054275029	3.1054275029e+1
224.84	31.055656262	3.1055656262e+1
224.85	31.057037496	3.1057037496e+1
224.86	31.05841873	3.105841873e+1
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224.88	31.061181197	3.1061181197e+1
224.89	31.06256243	3.106256243e+1
224.9	31.063943664	3.1063943664e+1
224.91	31.065324898	3.1065324898e+1
224.92	31.066706131	3.1066706131e+1
224.93	31.068087365	3.1068087365e+1
224.94	31.069468598	3.1069468598e+1
224.95	31.070849832	3.1070849832e+1
224.96	31.072231066	3.1072231066e+1
224.97	31.073612299	3.1073612299e+1
224.98	31.074993533	3.1074993533e+1
224.99	31.076374766	3.1076374766e+1
225	31.077756	3.1077756e+1
225.01	31.079137234	3.1079137234e+1
225.02	31.080518467	3.1080518467e+1
225.03	31.081899701	3.1081899701e+1
225.04	31.083280934	3.1083280934e+1
225.05	31.084662168	3.1084662168e+1
225.06	31.086043402	3.1086043402e+1
225.07	31.087424635	3.1087424635e+1
225.08	31.088805869	3.1088805869e+1
225.09	31.090187102	3.1090187102e+1
225.1	31.091568336	3.1091568336e+1

225.11	31.09294957	3.109294957e+1
225.12	31.094330803	3.1094330803e+1
225.13	31.095712037	3.1095712037e+1
225.14	31.09709327	3.109709327e+1
225.15	31.098474504	3.1098474504e+1
225.16	31.099855738	3.1099855738e+1
225.17	31.101236971	3.1101236971e+1
225.18	31.102618205	3.1102618205e+1
225.19	31.103999438	3.1103999438e+1
225.2	31.105380672	3.1105380672e+1
225.21	31.106761906	3.1106761906e+1
225.22	31.108143139	3.1108143139e+1
225.23	31.109524373	3.1109524373e+1
225.24	31.110905606	3.1110905606e+1
225.25	31.11228684	3.111228684e+1
225.26	31.113668074	3.1113668074e+1
225.27	31.115049307	3.1115049307e+1
225.28	31.116430541	3.1116430541e+1
225.29	31.117811774	3.1117811774e+1
225.3	31.119193008	3.1119193008e+1
225.31	31.120574242	3.1120574242e+1
225.32	31.121955475	3.1121955475e+1
225.33	31.123336709	3.1123336709e+1
225.34	31.124717942	3.1124717942e+1
225.35	31.126099176	3.1126099176e+1
225.36	31.12748041	3.112748041e+1
225.37	31.128861643	3.1128861643e+1
225.38	31.130242877	3.1130242877e+1
225.39	31.13162411	3.113162411e+1
225.4	31.133005344	3.1133005344e+1
225.41	31.134386578	3.1134386578e+1
225.42	31.135767811	3.1135767811e+1
225.43	31.137149045	3.1137149045e+1
225.44	31.138530278	3.1138530278e+1
225.45	31.139911512	3.1139911512e+1
225.46	31.141292746	3.1141292746e+1
225.47	31.142673979	3.1142673979e+1
225.48	31.144055213	3.1144055213e+1

225.49	31.145436446	3.1145436446e+1
225.5	31.14681768	3.114681768e+1
225.51	31.148198914	3.1148198914e+1
225.52	31.149580147	3.1149580147e+1
225.53	31.150961381	3.1150961381e+1
225.54	31.152342614	3.1152342614e+1
225.55	31.153723848	3.1153723848e+1
225.56	31.155105082	3.1155105082e+1
225.57	31.156486315	3.1156486315e+1
225.58	31.157867549	3.1157867549e+1
225.59	31.159248782	3.1159248782e+1
225.6	31.160630016	3.1160630016e+1
225.61	31.16201125	3.116201125e+1
225.62	31.163392483	3.1163392483e+1
225.63	31.164773717	3.1164773717e+1
225.64	31.16615495	3.116615495e+1
225.65	31.167536184	3.1167536184e+1
225.66	31.168917418	3.1168917418e+1
225.67	31.170298651	3.1170298651e+1
225.68	31.171679885	3.1171679885e+1
225.69	31.173061118	3.1173061118e+1
225.7	31.174442352	3.1174442352e+1
225.71	31.175823586	3.1175823586e+1
225.72	31.177204819	3.1177204819e+1
225.73	31.178586053	3.1178586053e+1
225.74	31.179967286	3.1179967286e+1
225.75	31.18134852	3.118134852e+1
225.76	31.182729754	3.1182729754e+1
225.77	31.184110987	3.1184110987e+1
225.78	31.185492221	3.1185492221e+1
225.79	31.186873454	3.1186873454e+1
225.8	31.188254688	3.1188254688e+1
225.81	31.189635922	3.1189635922e+1
225.82	31.191017155	3.1191017155e+1
225.83	31.192398389	3.1192398389e+1
225.84	31.193779622	3.1193779622e+1
225.85	31.195160856	3.1195160856e+1
225.86	31.19654209	3.119654209e+1

225.87	31.197923323	3.1197923323e+1
225.88	31.199304557	3.1199304557e+1
225.89	31.20068579	3.120068579e+1
225.9	31.202067024	3.1202067024e+1
225.91	31.203448258	3.1203448258e+1
225.92	31.204829491	3.1204829491e+1
225.93	31.206210725	3.1206210725e+1
225.94	31.207591958	3.1207591958e+1
225.95	31.208973192	3.1208973192e+1
225.96	31.210354426	3.1210354426e+1
225.97	31.211735659	3.1211735659e+1
225.98	31.213116893	3.1213116893e+1
225.99	31.214498126	3.1214498126e+1
226	31.21587936	3.121587936e+1
226.01	31.217260594	3.1217260594e+1
226.02	31.218641827	3.1218641827e+1
226.03	31.220023061	3.1220023061e+1
226.04	31.221404294	3.1221404294e+1
226.05	31.222785528	3.1222785528e+1
226.06	31.224166762	3.1224166762e+1
226.07	31.225547995	3.1225547995e+1
226.08	31.226929229	3.1226929229e+1
226.09	31.228310462	3.1228310462e+1
226.1	31.229691696	3.1229691696e+1
226.11	31.23107293	3.123107293e+1
226.12	31.232454163	3.1232454163e+1
226.13	31.233835397	3.1233835397e+1
226.14	31.23521663	3.123521663e+1
226.15	31.236597864	3.1236597864e+1
226.16	31.237979098	3.1237979098e+1
226.17	31.239360331	3.1239360331e+1
226.18	31.240741565	3.1240741565e+1
226.19	31.242122798	3.1242122798e+1
226.2	31.243504032	3.1243504032e+1
226.21	31.244885266	3.1244885266e+1
226.22	31.246266499	3.1246266499e+1
226.23	31.247647733	3.1247647733e+1
226.24	31.249028966	3.1249028966e+1

226.25	31.2504102	3.12504102e+1
226.26	31.251791434	3.1251791434e+1
226.27	31.253172667	3.1253172667e+1
226.28	31.254553901	3.1254553901e+1
226.29	31.255935134	3.1255935134e+1
226.3	31.257316368	3.1257316368e+1
226.31	31.258697602	3.1258697602e+1
226.32	31.260078835	3.1260078835e+1
226.33	31.261460069	3.1261460069e+1
226.34	31.262841302	3.1262841302e+1
226.35	31.264222536	3.1264222536e+1
226.36	31.26560377	3.126560377e+1
226.37	31.266985003	3.1266985003e+1
226.38	31.268366237	3.1268366237e+1
226.39	31.26974747	3.126974747e+1
226.4	31.271128704	3.1271128704e+1
226.41	31.272509938	3.1272509938e+1
226.42	31.273891171	3.1273891171e+1
226.43	31.275272405	3.1275272405e+1
226.44	31.276653638	3.1276653638e+1
226.45	31.278034872	3.1278034872e+1
226.46	31.279416106	3.1279416106e+1
226.47	31.280797339	3.1280797339e+1
226.48	31.282178573	3.1282178573e+1
226.49	31.283559806	3.1283559806e+1
226.5	31.28494104	3.128494104e+1
226.51	31.286322274	3.1286322274e+1
226.52	31.287703507	3.1287703507e+1
226.53	31.289084741	3.1289084741e+1
226.54	31.290465974	3.1290465974e+1
226.55	31.291847208	3.1291847208e+1
226.56	31.293228442	3.1293228442e+1
226.57	31.294609675	3.1294609675e+1
226.58	31.295990909	3.1295990909e+1
226.59	31.297372142	3.1297372142e+1
226.6	31.298753376	3.1298753376e+1
226.61	31.30013461	3.130013461e+1
226.62	31.301515843	3.1301515843e+1

226.63	31.302897077	3.1302897077e+1
226.64	31.30427831	3.130427831e+1
226.65	31.305659544	3.1305659544e+1
226.66	31.307040778	3.1307040778e+1
226.67	31.308422011	3.1308422011e+1
226.68	31.309803245	3.1309803245e+1
226.69	31.311184478	3.1311184478e+1
226.7	31.312565712	3.1312565712e+1
226.71	31.313946946	3.1313946946e+1
226.72	31.315328179	3.1315328179e+1
226.73	31.316709413	3.1316709413e+1
226.74	31.318090646	3.1318090646e+1
226.75	31.31947188	3.131947188e+1
226.76	31.320853114	3.1320853114e+1
226.77	31.322234347	3.1322234347e+1
226.78	31.323615581	3.1323615581e+1
226.79	31.324996814	3.1324996814e+1
226.8	31.326378048	3.1326378048e+1
226.81	31.327759282	3.1327759282e+1
226.82	31.329140515	3.1329140515e+1
226.83	31.330521749	3.1330521749e+1
226.84	31.331902982	3.1331902982e+1
226.85	31.333284216	3.1333284216e+1
226.86	31.33466545	3.133466545e+1
226.87	31.336046683	3.1336046683e+1
226.88	31.337427917	3.1337427917e+1
226.89	31.33880915	3.133880915e+1
226.9	31.340190384	3.1340190384e+1
226.91	31.341571618	3.1341571618e+1
226.92	31.342952851	3.1342952851e+1
226.93	31.344334085	3.1344334085e+1
226.94	31.345715318	3.1345715318e+1
226.95	31.347096552	3.1347096552e+1
226.96	31.348477786	3.1348477786e+1
226.97	31.349859019	3.1349859019e+1
226.98	31.351240253	3.1351240253e+1
226.99	31.352621486	3.1352621486e+1
227	31.35400272	3.135400272e+1

227.01	31.355383954	3.1355383954e+1
227.02	31.356765187	3.1356765187e+1
227.03	31.358146421	3.1358146421e+1
227.04	31.359527654	3.1359527654e+1
227.05	31.360908888	3.1360908888e+1
227.06	31.362290122	3.1362290122e+1
227.07	31.363671355	3.1363671355e+1
227.08	31.365052589	3.1365052589e+1
227.09	31.366433822	3.1366433822e+1
227.1	31.367815056	3.1367815056e+1
227.11	31.36919629	3.136919629e+1
227.12	31.370577523	3.1370577523e+1
227.13	31.371958757	3.1371958757e+1
227.14	31.37333999	3.137333999e+1
227.15	31.374721224	3.1374721224e+1
227.16	31.376102458	3.1376102458e+1
227.17	31.377483691	3.1377483691e+1
227.18	31.378864925	3.1378864925e+1
227.19	31.380246158	3.1380246158e+1
227.2	31.381627392	3.1381627392e+1
227.21	31.383008626	3.1383008626e+1
227.22	31.384389859	3.1384389859e+1
227.23	31.385771093	3.1385771093e+1
227.24	31.387152326	3.1387152326e+1
227.25	31.38853356	3.138853356e+1
227.26	31.389914794	3.1389914794e+1
227.27	31.391296027	3.1391296027e+1
227.28	31.392677261	3.1392677261e+1
227.29	31.394058494	3.1394058494e+1
227.3	31.395439728	3.1395439728e+1
227.31	31.396820962	3.1396820962e+1
227.32	31.398202195	3.1398202195e+1
227.33	31.399583429	3.1399583429e+1
227.34	31.400964662	3.1400964662e+1
227.35	31.402345896	3.1402345896e+1
227.36	31.40372713	3.140372713e+1
227.37	31.405108363	3.1405108363e+1
227.38	31.406489597	3.1406489597e+1

227.39	31.40787083	3.140787083e+1
227.4	31.409252064	3.1409252064e+1
227.41	31.410633298	3.1410633298e+1
227.42	31.412014531	3.1412014531e+1
227.43	31.413395765	3.1413395765e+1
227.44	31.414776998	3.1414776998e+1
227.45	31.416158232	3.1416158232e+1
227.46	31.417539466	3.1417539466e+1
227.47	31.418920699	3.1418920699e+1
227.48	31.420301933	3.1420301933e+1
227.49	31.421683166	3.1421683166e+1
227.5	31.4230644	3.14230644e+1
227.51	31.424445634	3.1424445634e+1
227.52	31.425826867	3.1425826867e+1
227.53	31.427208101	3.1427208101e+1
227.54	31.428589334	3.1428589334e+1
227.55	31.429970568	3.1429970568e+1
227.56	31.431351802	3.1431351802e+1
227.57	31.432733035	3.1432733035e+1
227.58	31.434114269	3.1434114269e+1
227.59	31.435495502	3.1435495502e+1
227.6	31.436876736	3.1436876736e+1
227.61	31.43825797	3.143825797e+1
227.62	31.439639203	3.1439639203e+1
227.63	31.441020437	3.1441020437e+1
227.64	31.44240167	3.144240167e+1
227.65	31.443782904	3.1443782904e+1
227.66	31.445164138	3.1445164138e+1
227.67	31.446545371	3.1446545371e+1
227.68	31.447926605	3.1447926605e+1
227.69	31.449307838	3.1449307838e+1
227.7	31.450689072	3.1450689072e+1
227.71	31.452070306	3.1452070306e+1
227.72	31.453451539	3.1453451539e+1
227.73	31.454832773	3.1454832773e+1
227.74	31.456214006	3.1456214006e+1
227.75	31.45759524	3.145759524e+1
227.76	31.458976474	3.1458976474e+1

227.77	31.460357707	3.1460357707e+1
227.78	31.461738941	3.1461738941e+1
227.79	31.463120174	3.1463120174e+1
227.8	31.464501408	3.1464501408e+1
227.81	31.465882642	3.1465882642e+1
227.82	31.467263875	3.1467263875e+1
227.83	31.468645109	3.1468645109e+1
227.84	31.470026342	3.1470026342e+1
227.85	31.471407576	3.1471407576e+1
227.86	31.47278881	3.147278881e+1
227.87	31.474170043	3.1474170043e+1
227.88	31.475551277	3.1475551277e+1
227.89	31.47693251	3.147693251e+1
227.9	31.478313744	3.1478313744e+1
227.91	31.479694978	3.1479694978e+1
227.92	31.481076211	3.1481076211e+1
227.93	31.482457445	3.1482457445e+1
227.94	31.483838678	3.1483838678e+1
227.95	31.485219912	3.1485219912e+1
227.96	31.486601146	3.1486601146e+1
227.97	31.487982379	3.1487982379e+1
227.98	31.489363613	3.1489363613e+1
227.99	31.490744846	3.1490744846e+1
228	31.49212608	3.149212608e+1
228.01	31.493507314	3.1493507314e+1
228.02	31.494888547	3.1494888547e+1
228.03	31.496269781	3.1496269781e+1
228.04	31.497651014	3.1497651014e+1
228.05	31.499032248	3.1499032248e+1
228.06	31.500413482	3.1500413482e+1
228.07	31.501794715	3.1501794715e+1
228.08	31.503175949	3.1503175949e+1
228.09	31.504557182	3.1504557182e+1
228.1	31.505938416	3.1505938416e+1
228.11	31.50731965	3.150731965e+1
228.12	31.508700883	3.1508700883e+1
228.13	31.510082117	3.1510082117e+1
228.14	31.51146335	3.151146335e+1

228.15	31.512844584	3.1512844584e+1
228.16	31.514225818	3.1514225818e+1
228.17	31.515607051	3.1515607051e+1
228.18	31.516988285	3.1516988285e+1
228.19	31.518369518	3.1518369518e+1
228.2	31.519750752	3.1519750752e+1
228.21	31.521131986	3.1521131986e+1
228.22	31.522513219	3.1522513219e+1
228.23	31.523894453	3.1523894453e+1
228.24	31.525275686	3.1525275686e+1
228.25	31.52665692	3.152665692e+1
228.26	31.528038154	3.1528038154e+1
228.27	31.529419387	3.1529419387e+1
228.28	31.530800621	3.1530800621e+1
228.29	31.532181854	3.1532181854e+1
228.3	31.533563088	3.1533563088e+1
228.31	31.534944322	3.1534944322e+1
228.32	31.536325555	3.1536325555e+1
228.33	31.537706789	3.1537706789e+1
228.34	31.539088022	3.1539088022e+1
228.35	31.540469256	3.1540469256e+1
228.36	31.54185049	3.154185049e+1
228.37	31.543231723	3.1543231723e+1
228.38	31.544612957	3.1544612957e+1
228.39	31.54599419	3.154599419e+1
228.4	31.547375424	3.1547375424e+1
228.41	31.548756658	3.1548756658e+1
228.42	31.550137891	3.1550137891e+1
228.43	31.551519125	3.1551519125e+1
228.44	31.552900358	3.1552900358e+1
228.45	31.554281592	3.1554281592e+1
228.46	31.555662826	3.1555662826e+1
228.47	31.557044059	3.1557044059e+1
228.48	31.558425293	3.1558425293e+1
228.49	31.559806526	3.1559806526e+1
228.5	31.56118776	3.156118776e+1
228.51	31.562568994	3.1562568994e+1
228.52	31.563950227	3.1563950227e+1

228.53	31.565331461	3.1565331461e+1
228.54	31.566712694	3.1566712694e+1
228.55	31.568093928	3.1568093928e+1
228.56	31.569475162	3.1569475162e+1
228.57	31.570856395	3.1570856395e+1
228.58	31.572237629	3.1572237629e+1
228.59	31.573618862	3.1573618862e+1
228.6	31.575000096	3.1575000096e+1
228.61	31.57638133	3.157638133e+1
228.62	31.577762563	3.1577762563e+1
228.63	31.579143797	3.1579143797e+1
228.64	31.58052503	3.158052503e+1
228.65	31.581906264	3.1581906264e+1
228.66	31.583287498	3.1583287498e+1
228.67	31.584668731	3.1584668731e+1
228.68	31.586049965	3.1586049965e+1
228.69	31.587431198	3.1587431198e+1
228.7	31.588812432	3.1588812432e+1
228.71	31.590193666	3.1590193666e+1
228.72	31.591574899	3.1591574899e+1
228.73	31.592956133	3.1592956133e+1
228.74	31.594337366	3.1594337366e+1
228.75	31.5957186	3.15957186e+1
228.76	31.597099834	3.1597099834e+1
228.77	31.598481067	3.1598481067e+1
228.78	31.599862301	3.1599862301e+1
228.79	31.601243534	3.1601243534e+1
228.8	31.602624768	3.1602624768e+1
228.81	31.604006002	3.1604006002e+1
228.82	31.605387235	3.1605387235e+1
228.83	31.606768469	3.1606768469e+1
228.84	31.608149702	3.1608149702e+1
228.85	31.609530936	3.1609530936e+1
228.86	31.61091217	3.161091217e+1
228.87	31.612293403	3.1612293403e+1
228.88	31.613674637	3.1613674637e+1
228.89	31.61505587	3.161505587e+1
228.9	31.616437104	3.1616437104e+1

228.91	31.617818338	3.1617818338e+1
228.92	31.619199571	3.1619199571e+1
228.93	31.620580805	3.1620580805e+1
228.94	31.621962038	3.1621962038e+1
228.95	31.623343272	3.1623343272e+1
228.96	31.624724506	3.1624724506e+1
228.97	31.626105739	3.1626105739e+1
228.98	31.627486973	3.1627486973e+1
228.99	31.628868206	3.1628868206e+1
229	31.63024944	3.163024944e+1
229.01	31.631630674	3.1631630674e+1
229.02	31.633011907	3.1633011907e+1
229.03	31.634393141	3.1634393141e+1
229.04	31.635774374	3.1635774374e+1
229.05	31.637155608	3.1637155608e+1
229.06	31.638536842	3.1638536842e+1
229.07	31.639918075	3.1639918075e+1
229.08	31.641299309	3.1641299309e+1
229.09	31.642680542	3.1642680542e+1
229.1	31.644061776	3.1644061776e+1
229.11	31.64544301	3.164544301e+1
229.12	31.646824243	3.1646824243e+1
229.13	31.648205477	3.1648205477e+1
229.14	31.64958671	3.164958671e+1
229.15	31.650967944	3.1650967944e+1
229.16	31.652349178	3.1652349178e+1
229.17	31.653730411	3.1653730411e+1
229.18	31.655111645	3.1655111645e+1
229.19	31.656492878	3.1656492878e+1
229.2	31.657874112	3.1657874112e+1
229.21	31.659255346	3.1659255346e+1
229.22	31.660636579	3.1660636579e+1
229.23	31.662017813	3.1662017813e+1
229.24	31.663399046	3.1663399046e+1
229.25	31.66478028	3.166478028e+1
229.26	31.666161514	3.1666161514e+1
229.27	31.667542747	3.1667542747e+1
229.28	31.668923981	3.1668923981e+1

229.29	31.670305214	3.1670305214e+1
229.3	31.671686448	3.1671686448e+1
229.31	31.673067682	3.1673067682e+1
229.32	31.674448915	3.1674448915e+1
229.33	31.675830149	3.1675830149e+1
229.34	31.677211382	3.1677211382e+1
229.35	31.678592616	3.1678592616e+1
229.36	31.67997385	3.167997385e+1
229.37	31.681355083	3.1681355083e+1
229.38	31.682736317	3.1682736317e+1
229.39	31.68411755	3.168411755e+1
229.4	31.685498784	3.1685498784e+1
229.41	31.686880018	3.1686880018e+1
229.42	31.688261251	3.1688261251e+1
229.43	31.689642485	3.1689642485e+1
229.44	31.691023718	3.1691023718e+1
229.45	31.692404952	3.1692404952e+1
229.46	31.693786186	3.1693786186e+1
229.47	31.695167419	3.1695167419e+1
229.48	31.696548653	3.1696548653e+1
229.49	31.697929886	3.1697929886e+1
229.5	31.69931112	3.169931112e+1
229.51	31.700692354	3.1700692354e+1
229.52	31.702073587	3.1702073587e+1
229.53	31.703454821	3.1703454821e+1
229.54	31.704836054	3.1704836054e+1
229.55	31.706217288	3.1706217288e+1
229.56	31.707598522	3.1707598522e+1
229.57	31.708979755	3.1708979755e+1
229.58	31.710360989	3.1710360989e+1
229.59	31.711742222	3.1711742222e+1
229.6	31.713123456	3.1713123456e+1
229.61	31.71450469	3.171450469e+1
229.62	31.715885923	3.1715885923e+1
229.63	31.717267157	3.1717267157e+1
229.64	31.71864839	3.171864839e+1
229.65	31.720029624	3.1720029624e+1
229.66	31.721410858	3.1721410858e+1

229.67	31.722792091	3.1722792091e+1
229.68	31.724173325	3.1724173325e+1
229.69	31.725554558	3.1725554558e+1
229.7	31.726935792	3.1726935792e+1
229.71	31.728317026	3.1728317026e+1
229.72	31.729698259	3.1729698259e+1
229.73	31.731079493	3.1731079493e+1
229.74	31.732460726	3.1732460726e+1
229.75	31.73384196	3.173384196e+1
229.76	31.735223194	3.1735223194e+1
229.77	31.736604427	3.1736604427e+1
229.78	31.737985661	3.1737985661e+1
229.79	31.739366894	3.1739366894e+1
229.8	31.740748128	3.1740748128e+1
229.81	31.742129362	3.1742129362e+1
229.82	31.743510595	3.1743510595e+1
229.83	31.744891829	3.1744891829e+1
229.84	31.746273062	3.1746273062e+1
229.85	31.747654296	3.1747654296e+1
229.86	31.74903553	3.174903553e+1
229.87	31.750416763	3.1750416763e+1
229.88	31.751797997	3.1751797997e+1
229.89	31.75317923	3.175317923e+1
229.9	31.754560464	3.1754560464e+1
229.91	31.755941698	3.1755941698e+1
229.92	31.757322931	3.1757322931e+1
229.93	31.758704165	3.1758704165e+1
229.94	31.760085398	3.1760085398e+1
229.95	31.761466632	3.1761466632e+1
229.96	31.762847866	3.1762847866e+1
229.97	31.764229099	3.1764229099e+1
229.98	31.765610333	3.1765610333e+1
229.99	31.766991566	3.1766991566e+1
230	31.7683728	3.17683728e+1
230.01	31.769754034	3.1769754034e+1
230.02	31.771135267	3.1771135267e+1
230.03	31.772516501	3.1772516501e+1
230.04	31.773897734	3.1773897734e+1

230.05	31.775278968	3.1775278968e+1
230.06	31.776660202	3.1776660202e+1
230.07	31.778041435	3.1778041435e+1
230.08	31.779422669	3.1779422669e+1
230.09	31.780803902	3.1780803902e+1
230.1	31.782185136	3.1782185136e+1
230.11	31.78356637	3.178356637e+1
230.12	31.784947603	3.1784947603e+1
230.13	31.786328837	3.1786328837e+1
230.14	31.78771007	3.178771007e+1
230.15	31.789091304	3.1789091304e+1
230.16	31.790472538	3.1790472538e+1
230.17	31.791853771	3.1791853771e+1
230.18	31.793235005	3.1793235005e+1
230.19	31.794616238	3.1794616238e+1
230.2	31.795997472	3.1795997472e+1
230.21	31.797378706	3.1797378706e+1
230.22	31.798759939	3.1798759939e+1
230.23	31.800141173	3.1800141173e+1
230.24	31.801522406	3.1801522406e+1
230.25	31.80290364	3.180290364e+1
230.26	31.804284874	3.1804284874e+1
230.27	31.805666107	3.1805666107e+1
230.28	31.807047341	3.1807047341e+1
230.29	31.808428574	3.1808428574e+1
230.3	31.809809808	3.1809809808e+1
230.31	31.811191042	3.1811191042e+1
230.32	31.812572275	3.1812572275e+1
230.33	31.813953509	3.1813953509e+1
230.34	31.815334742	3.1815334742e+1
230.35	31.816715976	3.1816715976e+1
230.36	31.81809721	3.181809721e+1
230.37	31.819478443	3.1819478443e+1
230.38	31.820859677	3.1820859677e+1
230.39	31.82224091	3.182224091e+1
230.4	31.823622144	3.1823622144e+1
230.41	31.825003378	3.1825003378e+1
230.42	31.826384611	3.1826384611e+1

230.43	31.827765845	3.1827765845e+1
230.44	31.829147078	3.1829147078e+1
230.45	31.830528312	3.1830528312e+1
230.46	31.831909546	3.1831909546e+1
230.47	31.833290779	3.1833290779e+1
230.48	31.834672013	3.1834672013e+1
230.49	31.836053246	3.1836053246e+1
230.5	31.83743448	3.183743448e+1
230.51	31.838815714	3.1838815714e+1
230.52	31.840196947	3.1840196947e+1
230.53	31.841578181	3.1841578181e+1
230.54	31.842959414	3.1842959414e+1
230.55	31.844340648	3.1844340648e+1
230.56	31.845721882	3.1845721882e+1
230.57	31.847103115	3.1847103115e+1
230.58	31.848484349	3.1848484349e+1
230.59	31.849865582	3.1849865582e+1
230.6	31.851246816	3.1851246816e+1
230.61	31.85262805	3.185262805e+1
230.62	31.854009283	3.1854009283e+1
230.63	31.855390517	3.1855390517e+1
230.64	31.85677175	3.185677175e+1
230.65	31.858152984	3.1858152984e+1
230.66	31.859534218	3.1859534218e+1
230.67	31.860915451	3.1860915451e+1
230.68	31.862296685	3.1862296685e+1
230.69	31.863677918	3.1863677918e+1
230.7	31.865059152	3.1865059152e+1
230.71	31.866440386	3.1866440386e+1
230.72	31.867821619	3.1867821619e+1
230.73	31.869202853	3.1869202853e+1
230.74	31.870584086	3.1870584086e+1
230.75	31.87196532	3.187196532e+1
230.76	31.873346554	3.1873346554e+1
230.77	31.874727787	3.1874727787e+1
230.78	31.876109021	3.1876109021e+1
230.79	31.877490254	3.1877490254e+1
230.8	31.878871488	3.1878871488e+1

230.81	31.880252722	3.1880252722e+1
230.82	31.881633955	3.1881633955e+1
230.83	31.883015189	3.1883015189e+1
230.84	31.884396422	3.1884396422e+1
230.85	31.885777656	3.1885777656e+1
230.86	31.88715889	3.188715889e+1
230.87	31.888540123	3.1888540123e+1
230.88	31.889921357	3.1889921357e+1
230.89	31.89130259	3.189130259e+1
230.9	31.892683824	3.1892683824e+1
230.91	31.894065058	3.1894065058e+1
230.92	31.895446291	3.1895446291e+1
230.93	31.896827525	3.1896827525e+1
230.94	31.898208758	3.1898208758e+1
230.95	31.899589992	3.1899589992e+1
230.96	31.900971226	3.1900971226e+1
230.97	31.902352459	3.1902352459e+1
230.98	31.903733693	3.1903733693e+1
230.99	31.905114926	3.1905114926e+1
231	31.90649616	3.190649616e+1
231.01	31.907877394	3.1907877394e+1
231.02	31.909258627	3.1909258627e+1
231.03	31.910639861	3.1910639861e+1
231.04	31.912021094	3.1912021094e+1
231.05	31.913402328	3.1913402328e+1
231.06	31.914783562	3.1914783562e+1
231.07	31.916164795	3.1916164795e+1
231.08	31.917546029	3.1917546029e+1
231.09	31.918927262	3.1918927262e+1
231.1	31.920308496	3.1920308496e+1
231.11	31.92168973	3.192168973e+1
231.12	31.923070963	3.1923070963e+1
231.13	31.924452197	3.1924452197e+1
231.14	31.92583343	3.192583343e+1
231.15	31.927214664	3.1927214664e+1
231.16	31.928595898	3.1928595898e+1
231.17	31.929977131	3.1929977131e+1
231.18	31.931358365	3.1931358365e+1

231.19	31.932739598	3.1932739598e+1
231.2	31.934120832	3.1934120832e+1
231.21	31.935502066	3.1935502066e+1
231.22	31.936883299	3.1936883299e+1
231.23	31.938264533	3.1938264533e+1
231.24	31.939645766	3.1939645766e+1
231.25	31.941027	3.1941027e+1
231.26	31.942408234	3.1942408234e+1
231.27	31.943789467	3.1943789467e+1
231.28	31.945170701	3.1945170701e+1
231.29	31.946551934	3.1946551934e+1
231.3	31.947933168	3.1947933168e+1
231.31	31.949314402	3.1949314402e+1
231.32	31.950695635	3.1950695635e+1
231.33	31.952076869	3.1952076869e+1
231.34	31.953458102	3.1953458102e+1
231.35	31.954839336	3.1954839336e+1
231.36	31.95622057	3.195622057e+1
231.37	31.957601803	3.1957601803e+1
231.38	31.958983037	3.1958983037e+1
231.39	31.96036427	3.196036427e+1
231.4	31.961745504	3.1961745504e+1
231.41	31.963126738	3.1963126738e+1
231.42	31.964507971	3.1964507971e+1
231.43	31.965889205	3.1965889205e+1
231.44	31.967270438	3.1967270438e+1
231.45	31.968651672	3.1968651672e+1
231.46	31.970032906	3.1970032906e+1
231.47	31.971414139	3.1971414139e+1
231.48	31.972795373	3.1972795373e+1
231.49	31.974176606	3.1974176606e+1
231.5	31.97555784	3.197555784e+1
231.51	31.976939074	3.1976939074e+1
231.52	31.978320307	3.1978320307e+1
231.53	31.979701541	3.1979701541e+1
231.54	31.981082774	3.1981082774e+1
231.55	31.982464008	3.1982464008e+1
231.56	31.983845242	3.1983845242e+1

231.57	31.985226475	3.1985226475e+1
231.58	31.986607709	3.1986607709e+1
231.59	31.987988942	3.1987988942e+1
231.6	31.989370176	3.1989370176e+1
231.61	31.99075141	3.199075141e+1
231.62	31.992132643	3.1992132643e+1
231.63	31.993513877	3.1993513877e+1
231.64	31.99489511	3.199489511e+1
231.65	31.996276344	3.1996276344e+1
231.66	31.997657578	3.1997657578e+1
231.67	31.999038811	3.1999038811e+1
231.68	32.000420045	3.2000420045e+1
231.69	32.001801278	3.2001801278e+1
231.7	32.003182512	3.2003182512e+1
231.71	32.004563746	3.2004563746e+1
231.72	32.005944979	3.2005944979e+1
231.73	32.007326213	3.2007326213e+1
231.74	32.008707446	3.2008707446e+1
231.75	32.01008868	3.201008868e+1
231.76	32.011469914	3.2011469914e+1
231.77	32.012851147	3.2012851147e+1
231.78	32.014232381	3.2014232381e+1
231.79	32.015613614	3.2015613614e+1
231.8	32.016994848	3.2016994848e+1
231.81	32.018376082	3.2018376082e+1
231.82	32.019757315	3.2019757315e+1
231.83	32.021138549	3.2021138549e+1
231.84	32.022519782	3.2022519782e+1
231.85	32.023901016	3.2023901016e+1
231.86	32.02528225	3.202528225e+1
231.87	32.026663483	3.2026663483e+1
231.88	32.028044717	3.2028044717e+1
231.89	32.02942595	3.202942595e+1
231.9	32.030807184	3.2030807184e+1
231.91	32.032188418	3.2032188418e+1
231.92	32.033569651	3.2033569651e+1
231.93	32.034950885	3.2034950885e+1
231.94	32.036332118	3.2036332118e+1

231.95	32.037713352	3.2037713352e+1
231.96	32.039094586	3.2039094586e+1
231.97	32.040475819	3.2040475819e+1
231.98	32.041857053	3.2041857053e+1
231.99	32.043238286	3.2043238286e+1
232	32.04461952	3.204461952e+1
232.01	32.046000754	3.2046000754e+1
232.02	32.047381987	3.2047381987e+1
232.03	32.048763221	3.2048763221e+1
232.04	32.050144454	3.2050144454e+1
232.05	32.051525688	3.2051525688e+1
232.06	32.052906922	3.2052906922e+1
232.07	32.054288155	3.2054288155e+1
232.08	32.055669389	3.2055669389e+1
232.09	32.057050622	3.2057050622e+1
232.1	32.058431856	3.2058431856e+1
232.11	32.05981309	3.205981309e+1
232.12	32.061194323	3.2061194323e+1
232.13	32.062575557	3.2062575557e+1
232.14	32.06395679	3.206395679e+1
232.15	32.065338024	3.2065338024e+1
232.16	32.066719258	3.2066719258e+1
232.17	32.068100491	3.2068100491e+1
232.18	32.069481725	3.2069481725e+1
232.19	32.070862958	3.2070862958e+1
232.2	32.072244192	3.2072244192e+1
232.21	32.073625426	3.2073625426e+1
232.22	32.075006659	3.2075006659e+1
232.23	32.076387893	3.2076387893e+1
232.24	32.077769126	3.2077769126e+1
232.25	32.07915036	3.207915036e+1
232.26	32.080531594	3.2080531594e+1
232.27	32.081912827	3.2081912827e+1
232.28	32.083294061	3.2083294061e+1
232.29	32.084675294	3.2084675294e+1
232.3	32.086056528	3.2086056528e+1
232.31	32.087437762	3.2087437762e+1
232.32	32.088818995	3.2088818995e+1

232.33	32.090200229	3.2090200229e+1
232.34	32.091581462	3.2091581462e+1
232.35	32.092962696	3.2092962696e+1
232.36	32.09434393	3.209434393e+1
232.37	32.095725163	3.2095725163e+1
232.38	32.097106397	3.2097106397e+1
232.39	32.09848763	3.209848763e+1
232.4	32.099868864	3.2099868864e+1
232.41	32.101250098	3.2101250098e+1
232.42	32.102631331	3.2102631331e+1
232.43	32.104012565	3.2104012565e+1
232.44	32.105393798	3.2105393798e+1
232.45	32.106775032	3.2106775032e+1
232.46	32.108156266	3.2108156266e+1
232.47	32.109537499	3.2109537499e+1
232.48	32.110918733	3.2110918733e+1
232.49	32.112299966	3.2112299966e+1
232.5	32.1136812	3.21136812e+1
232.51	32.115062434	3.2115062434e+1
232.52	32.116443667	3.2116443667e+1
232.53	32.117824901	3.2117824901e+1
232.54	32.119206134	3.2119206134e+1
232.55	32.120587368	3.2120587368e+1
232.56	32.121968602	3.2121968602e+1
232.57	32.123349835	3.2123349835e+1
232.58	32.124731069	3.2124731069e+1
232.59	32.126112302	3.2126112302e+1
232.6	32.127493536	3.2127493536e+1
232.61	32.12887477	3.212887477e+1
232.62	32.130256003	3.2130256003e+1
232.63	32.131637237	3.2131637237e+1
232.64	32.13301847	3.213301847e+1
232.65	32.134399704	3.2134399704e+1
232.66	32.135780938	3.2135780938e+1
232.67	32.137162171	3.2137162171e+1
232.68	32.138543405	3.2138543405e+1
232.69	32.139924638	3.2139924638e+1
232.7	32.141305872	3.2141305872e+1

232.71	32.142687106	3.2142687106e+1
232.72	32.144068339	3.2144068339e+1
232.73	32.145449573	3.2145449573e+1
232.74	32.146830806	3.2146830806e+1
232.75	32.14821204	3.214821204e+1
232.76	32.149593274	3.2149593274e+1
232.77	32.150974507	3.2150974507e+1
232.78	32.152355741	3.2152355741e+1
232.79	32.153736974	3.2153736974e+1
232.8	32.155118208	3.2155118208e+1
232.81	32.156499442	3.2156499442e+1
232.82	32.157880675	3.2157880675e+1
232.83	32.159261909	3.2159261909e+1
232.84	32.160643142	3.2160643142e+1
232.85	32.162024376	3.2162024376e+1
232.86	32.16340561	3.216340561e+1
232.87	32.164786843	3.2164786843e+1
232.88	32.166168077	3.2166168077e+1
232.89	32.16754931	3.216754931e+1
232.9	32.168930544	3.2168930544e+1
232.91	32.170311778	3.2170311778e+1
232.92	32.171693011	3.2171693011e+1
232.93	32.173074245	3.2173074245e+1
232.94	32.174455478	3.2174455478e+1
232.95	32.175836712	3.2175836712e+1
232.96	32.177217946	3.2177217946e+1
232.97	32.178599179	3.2178599179e+1
232.98	32.179980413	3.2179980413e+1
232.99	32.181361646	3.2181361646e+1
233	32.18274288	3.218274288e+1
233.01	32.184124114	3.2184124114e+1
233.02	32.185505347	3.2185505347e+1
233.03	32.186886581	3.2186886581e+1
233.04	32.188267814	3.2188267814e+1
233.05	32.189649048	3.2189649048e+1
233.06	32.191030282	3.2191030282e+1
233.07	32.192411515	3.2192411515e+1
233.08	32.193792749	3.2193792749e+1

233.09	32.195173982	3.2195173982e+1
233.1	32.196555216	3.2196555216e+1
233.11	32.19793645	3.219793645e+1
233.12	32.199317683	3.2199317683e+1
233.13	32.200698917	3.2200698917e+1
233.14	32.20208015	3.220208015e+1
233.15	32.203461384	3.2203461384e+1
233.16	32.204842618	3.2204842618e+1
233.17	32.206223851	3.2206223851e+1
233.18	32.207605085	3.2207605085e+1
233.19	32.208986318	3.2208986318e+1
233.2	32.210367552	3.2210367552e+1
233.21	32.211748786	3.2211748786e+1
233.22	32.213130019	3.2213130019e+1
233.23	32.214511253	3.2214511253e+1
233.24	32.215892486	3.2215892486e+1
233.25	32.21727372	3.221727372e+1
233.26	32.218654954	3.2218654954e+1
233.27	32.220036187	3.2220036187e+1
233.28	32.221417421	3.2221417421e+1
233.29	32.222798654	3.2222798654e+1
233.3	32.224179888	3.2224179888e+1
233.31	32.225561122	3.2225561122e+1
233.32	32.226942355	3.2226942355e+1
233.33	32.228323589	3.2228323589e+1
233.34	32.229704822	3.2229704822e+1
233.35	32.231086056	3.2231086056e+1
233.36	32.23246729	3.223246729e+1
233.37	32.233848523	3.2233848523e+1
233.38	32.235229757	3.2235229757e+1
233.39	32.23661099	3.223661099e+1
233.4	32.237992224	3.2237992224e+1
233.41	32.239373458	3.2239373458e+1
233.42	32.240754691	3.2240754691e+1
233.43	32.242135925	3.2242135925e+1
233.44	32.243517158	3.2243517158e+1
233.45	32.244898392	3.2244898392e+1
233.46	32.246279626	3.2246279626e+1

233.47	32.247660859	3.2247660859e+1
233.48	32.249042093	3.2249042093e+1
233.49	32.250423326	3.2250423326e+1
233.5	32.25180456	3.225180456e+1
233.51	32.253185794	3.2253185794e+1
233.52	32.254567027	3.2254567027e+1
233.53	32.255948261	3.2255948261e+1
233.54	32.257329494	3.2257329494e+1
233.55	32.258710728	3.2258710728e+1
233.56	32.260091962	3.2260091962e+1
233.57	32.261473195	3.2261473195e+1
233.58	32.262854429	3.2262854429e+1
233.59	32.264235662	3.2264235662e+1
233.6	32.265616896	3.2265616896e+1
233.61	32.26699813	3.226699813e+1
233.62	32.268379363	3.2268379363e+1
233.63	32.269760597	3.2269760597e+1
233.64	32.27114183	3.227114183e+1
233.65	32.272523064	3.2272523064e+1
233.66	32.273904298	3.2273904298e+1
233.67	32.275285531	3.2275285531e+1
233.68	32.276666765	3.2276666765e+1
233.69	32.278047998	3.2278047998e+1
233.7	32.279429232	3.2279429232e+1
233.71	32.280810466	3.2280810466e+1
233.72	32.282191699	3.2282191699e+1
233.73	32.283572933	3.2283572933e+1
233.74	32.284954166	3.2284954166e+1
233.75	32.2863354	3.22863354e+1
233.76	32.287716634	3.2287716634e+1
233.77	32.289097867	3.2289097867e+1
233.78	32.290479101	3.2290479101e+1
233.79	32.291860334	3.2291860334e+1
233.8	32.293241568	3.2293241568e+1
233.81	32.294622802	3.2294622802e+1
233.82	32.296004035	3.2296004035e+1
233.83	32.297385269	3.2297385269e+1
233.84	32.298766502	3.2298766502e+1

233.85	32.300147736	3.2300147736e+1
233.86	32.30152897	3.230152897e+1
233.87	32.302910203	3.2302910203e+1
233.88	32.304291437	3.2304291437e+1
233.89	32.30567267	3.230567267e+1
233.9	32.307053904	3.2307053904e+1
233.91	32.308435138	3.2308435138e+1
233.92	32.309816371	3.2309816371e+1
233.93	32.311197605	3.2311197605e+1
233.94	32.312578838	3.2312578838e+1
233.95	32.313960072	3.2313960072e+1
233.96	32.315341306	3.2315341306e+1
233.97	32.316722539	3.2316722539e+1
233.98	32.318103773	3.2318103773e+1
233.99	32.319485006	3.2319485006e+1
234	32.32086624	3.232086624e+1
234.01	32.322247474	3.2322247474e+1
234.02	32.323628707	3.2323628707e+1
234.03	32.325009941	3.2325009941e+1
234.04	32.326391174	3.2326391174e+1
234.05	32.327772408	3.2327772408e+1
234.06	32.329153642	3.2329153642e+1
234.07	32.330534875	3.2330534875e+1
234.08	32.331916109	3.2331916109e+1
234.09	32.333297342	3.2333297342e+1
234.1	32.334678576	3.2334678576e+1
234.11	32.33605981	3.233605981e+1
234.12	32.337441043	3.2337441043e+1
234.13	32.338822277	3.2338822277e+1
234.14	32.34020351	3.234020351e+1
234.15	32.341584744	3.2341584744e+1
234.16	32.342965978	3.2342965978e+1
234.17	32.344347211	3.2344347211e+1
234.18	32.345728445	3.2345728445e+1
234.19	32.347109678	3.2347109678e+1
234.2	32.348490912	3.2348490912e+1
234.21	32.349872146	3.2349872146e+1
234.22	32.351253379	3.2351253379e+1

234.23	32.352634613	3.2352634613e+1
234.24	32.354015846	3.2354015846e+1
234.25	32.35539708	3.235539708e+1
234.26	32.356778314	3.2356778314e+1
234.27	32.358159547	3.2358159547e+1
234.28	32.359540781	3.2359540781e+1
234.29	32.360922014	3.2360922014e+1
234.3	32.362303248	3.2362303248e+1
234.31	32.363684482	3.2363684482e+1
234.32	32.365065715	3.2365065715e+1
234.33	32.366446949	3.2366446949e+1
234.34	32.367828182	3.2367828182e+1
234.35	32.369209416	3.2369209416e+1
234.36	32.37059065	3.237059065e+1
234.37	32.371971883	3.2371971883e+1
234.38	32.373353117	3.2373353117e+1
234.39	32.37473435	3.237473435e+1
234.4	32.376115584	3.2376115584e+1
234.41	32.377496818	3.2377496818e+1
234.42	32.378878051	3.2378878051e+1
234.43	32.380259285	3.2380259285e+1
234.44	32.381640518	3.2381640518e+1
234.45	32.383021752	3.2383021752e+1
234.46	32.384402986	3.2384402986e+1
234.47	32.385784219	3.2385784219e+1
234.48	32.387165453	3.2387165453e+1
234.49	32.388546686	3.2388546686e+1
234.5	32.38992792	3.238992792e+1
234.51	32.391309154	3.2391309154e+1
234.52	32.392690387	3.2392690387e+1
234.53	32.394071621	3.2394071621e+1
234.54	32.395452854	3.2395452854e+1
234.55	32.396834088	3.2396834088e+1
234.56	32.398215322	3.2398215322e+1
234.57	32.399596555	3.2399596555e+1
234.58	32.400977789	3.2400977789e+1
234.59	32.402359022	3.2402359022e+1
234.6	32.403740256	3.2403740256e+1

234.61	32.40512149	3.240512149e+1
234.62	32.406502723	3.2406502723e+1
234.63	32.407883957	3.2407883957e+1
234.64	32.40926519	3.240926519e+1
234.65	32.410646424	3.2410646424e+1
234.66	32.412027658	3.2412027658e+1
234.67	32.413408891	3.2413408891e+1
234.68	32.414790125	3.2414790125e+1
234.69	32.416171358	3.2416171358e+1
234.7	32.417552592	3.2417552592e+1
234.71	32.418933826	3.2418933826e+1
234.72	32.420315059	3.2420315059e+1
234.73	32.421696293	3.2421696293e+1
234.74	32.423077526	3.2423077526e+1
234.75	32.42445876	3.242445876e+1
234.76	32.425839994	3.2425839994e+1
234.77	32.427221227	3.2427221227e+1
234.78	32.428602461	3.2428602461e+1
234.79	32.429983694	3.2429983694e+1
234.8	32.431364928	3.2431364928e+1
234.81	32.432746162	3.2432746162e+1
234.82	32.434127395	3.2434127395e+1
234.83	32.435508629	3.2435508629e+1
234.84	32.436889862	3.2436889862e+1
234.85	32.438271096	3.2438271096e+1
234.86	32.43965233	3.243965233e+1
234.87	32.441033563	3.2441033563e+1
234.88	32.442414797	3.2442414797e+1
234.89	32.44379603	3.244379603e+1
234.9	32.445177264	3.2445177264e+1
234.91	32.446558498	3.2446558498e+1
234.92	32.447939731	3.2447939731e+1
234.93	32.449320965	3.2449320965e+1
234.94	32.450702198	3.2450702198e+1
234.95	32.452083432	3.2452083432e+1
234.96	32.453464666	3.2453464666e+1
234.97	32.454845899	3.2454845899e+1
234.98	32.456227133	3.2456227133e+1

234.99	32.457608366	3.2457608366e+1
235	32.4589896	3.24589896e+1
235.01	32.460370834	3.2460370834e+1
235.02	32.461752067	3.2461752067e+1
235.03	32.463133301	3.2463133301e+1
235.04	32.464514534	3.2464514534e+1
235.05	32.465895768	3.2465895768e+1
235.06	32.467277002	3.2467277002e+1
235.07	32.468658235	3.2468658235e+1
235.08	32.470039469	3.2470039469e+1
235.09	32.471420702	3.2471420702e+1
235.1	32.472801936	3.2472801936e+1
235.11	32.47418317	3.247418317e+1
235.12	32.475564403	3.2475564403e+1
235.13	32.476945637	3.2476945637e+1
235.14	32.47832687	3.247832687e+1
235.15	32.479708104	3.2479708104e+1
235.16	32.481089338	3.2481089338e+1
235.17	32.482470571	3.2482470571e+1
235.18	32.483851805	3.2483851805e+1
235.19	32.485233038	3.2485233038e+1
235.2	32.486614272	3.2486614272e+1
235.21	32.487995506	3.2487995506e+1
235.22	32.489376739	3.2489376739e+1
235.23	32.490757973	3.2490757973e+1
235.24	32.492139206	3.2492139206e+1
235.25	32.49352044	3.249352044e+1
235.26	32.494901674	3.2494901674e+1
235.27	32.496282907	3.2496282907e+1
235.28	32.497664141	3.2497664141e+1
235.29	32.499045374	3.2499045374e+1
235.3	32.500426608	3.2500426608e+1
235.31	32.501807842	3.2501807842e+1
235.32	32.503189075	3.2503189075e+1
235.33	32.504570309	3.2504570309e+1
235.34	32.505951542	3.2505951542e+1
235.35	32.507332776	3.2507332776e+1
235.36	32.50871401	3.250871401e+1

235.37	32.510095243	3.2510095243e+1
235.38	32.511476477	3.2511476477e+1
235.39	32.51285771	3.251285771e+1
235.4	32.514238944	3.2514238944e+1
235.41	32.515620178	3.2515620178e+1
235.42	32.517001411	3.2517001411e+1
235.43	32.518382645	3.2518382645e+1
235.44	32.519763878	3.2519763878e+1
235.45	32.521145112	3.2521145112e+1
235.46	32.522526346	3.2522526346e+1
235.47	32.523907579	3.2523907579e+1
235.48	32.525288813	3.2525288813e+1
235.49	32.526670046	3.2526670046e+1
235.5	32.52805128	3.252805128e+1
235.51	32.529432514	3.2529432514e+1
235.52	32.530813747	3.2530813747e+1
235.53	32.532194981	3.2532194981e+1
235.54	32.533576214	3.2533576214e+1
235.55	32.534957448	3.2534957448e+1
235.56	32.536338682	3.2536338682e+1
235.57	32.537719915	3.2537719915e+1
235.58	32.539101149	3.2539101149e+1
235.59	32.540482382	3.2540482382e+1
235.6	32.541863616	3.2541863616e+1
235.61	32.54324485	3.254324485e+1
235.62	32.544626083	3.2544626083e+1
235.63	32.546007317	3.2546007317e+1
235.64	32.54738855	3.254738855e+1
235.65	32.548769784	3.2548769784e+1
235.66	32.550151018	3.2550151018e+1
235.67	32.551532251	3.2551532251e+1
235.68	32.552913485	3.2552913485e+1
235.69	32.554294718	3.2554294718e+1
235.7	32.555675952	3.2555675952e+1
235.71	32.557057186	3.2557057186e+1
235.72	32.558438419	3.2558438419e+1
235.73	32.559819653	3.2559819653e+1
235.74	32.561200886	3.2561200886e+1

235.75	32.56258212	3.256258212e+1
235.76	32.563963354	3.2563963354e+1
235.77	32.565344587	3.2565344587e+1
235.78	32.566725821	3.2566725821e+1
235.79	32.568107054	3.2568107054e+1
235.8	32.569488288	3.2569488288e+1
235.81	32.570869522	3.2570869522e+1
235.82	32.572250755	3.2572250755e+1
235.83	32.573631989	3.2573631989e+1
235.84	32.575013222	3.2575013222e+1
235.85	32.576394456	3.2576394456e+1
235.86	32.57777569	3.257777569e+1
235.87	32.579156923	3.2579156923e+1
235.88	32.580538157	3.2580538157e+1
235.89	32.58191939	3.258191939e+1
235.9	32.583300624	3.2583300624e+1
235.91	32.584681858	3.2584681858e+1
235.92	32.586063091	3.2586063091e+1
235.93	32.587444325	3.2587444325e+1
235.94	32.588825558	3.2588825558e+1
235.95	32.590206792	3.2590206792e+1
235.96	32.591588026	3.2591588026e+1
235.97	32.592969259	3.2592969259e+1
235.98	32.594350493	3.2594350493e+1
235.99	32.595731726	3.2595731726e+1
236	32.59711296	3.259711296e+1
236.01	32.598494194	3.2598494194e+1
236.02	32.599875427	3.2599875427e+1
236.03	32.601256661	3.2601256661e+1
236.04	32.602637894	3.2602637894e+1
236.05	32.604019128	3.2604019128e+1
236.06	32.605400362	3.2605400362e+1
236.07	32.606781595	3.2606781595e+1
236.08	32.608162829	3.2608162829e+1
236.09	32.609544062	3.2609544062e+1
236.1	32.610925296	3.2610925296e+1
236.11	32.61230653	3.261230653e+1
236.12	32.613687763	3.2613687763e+1

236.13	32.615068997	3.2615068997e+1
236.14	32.61645023	3.261645023e+1
236.15	32.617831464	3.2617831464e+1
236.16	32.619212698	3.2619212698e+1
236.17	32.620593931	3.2620593931e+1
236.18	32.621975165	3.2621975165e+1
236.19	32.623356398	3.2623356398e+1
236.2	32.624737632	3.2624737632e+1
236.21	32.626118866	3.2626118866e+1
236.22	32.627500099	3.2627500099e+1
236.23	32.628881333	3.2628881333e+1
236.24	32.630262566	3.2630262566e+1
236.25	32.6316438	3.26316438e+1
236.26	32.633025034	3.2633025034e+1
236.27	32.634406267	3.2634406267e+1
236.28	32.635787501	3.2635787501e+1
236.29	32.637168734	3.2637168734e+1
236.3	32.638549968	3.2638549968e+1
236.31	32.639931202	3.2639931202e+1
236.32	32.641312435	3.2641312435e+1
236.33	32.642693669	3.2642693669e+1
236.34	32.644074902	3.2644074902e+1
236.35	32.645456136	3.2645456136e+1
236.36	32.64683737	3.264683737e+1
236.37	32.648218603	3.2648218603e+1
236.38	32.649599837	3.2649599837e+1
236.39	32.65098107	3.265098107e+1
236.4	32.652362304	3.2652362304e+1
236.41	32.653743538	3.2653743538e+1
236.42	32.655124771	3.2655124771e+1
236.43	32.656506005	3.2656506005e+1
236.44	32.657887238	3.2657887238e+1
236.45	32.659268472	3.2659268472e+1
236.46	32.660649706	3.2660649706e+1
236.47	32.662030939	3.2662030939e+1
236.48	32.663412173	3.2663412173e+1
236.49	32.664793406	3.2664793406e+1
236.5	32.66617464	3.266617464e+1

236.51	32.667555874	3.2667555874e+1
236.52	32.668937107	3.2668937107e+1
236.53	32.670318341	3.2670318341e+1
236.54	32.671699574	3.2671699574e+1
236.55	32.673080808	3.2673080808e+1
236.56	32.674462042	3.2674462042e+1
236.57	32.675843275	3.2675843275e+1
236.58	32.677224509	3.2677224509e+1
236.59	32.678605742	3.2678605742e+1
236.6	32.679986976	3.2679986976e+1
236.61	32.68136821	3.268136821e+1
236.62	32.682749443	3.2682749443e+1
236.63	32.684130677	3.2684130677e+1
236.64	32.68551191	3.268551191e+1
236.65	32.686893144	3.2686893144e+1
236.66	32.688274378	3.2688274378e+1
236.67	32.689655611	3.2689655611e+1
236.68	32.691036845	3.2691036845e+1
236.69	32.692418078	3.2692418078e+1
236.7	32.693799312	3.2693799312e+1
236.71	32.695180546	3.2695180546e+1
236.72	32.696561779	3.2696561779e+1
236.73	32.697943013	3.2697943013e+1
236.74	32.699324246	3.2699324246e+1
236.75	32.70070548	3.270070548e+1
236.76	32.702086714	3.2702086714e+1
236.77	32.703467947	3.2703467947e+1
236.78	32.704849181	3.2704849181e+1
236.79	32.706230414	3.2706230414e+1
236.8	32.707611648	3.2707611648e+1
236.81	32.708992882	3.2708992882e+1
236.82	32.710374115	3.2710374115e+1
236.83	32.711755349	3.2711755349e+1
236.84	32.713136582	3.2713136582e+1
236.85	32.714517816	3.2714517816e+1
236.86	32.71589905	3.271589905e+1
236.87	32.717280283	3.2717280283e+1
236.88	32.718661517	3.2718661517e+1

236.89	32.72004275	3.272004275e+1
236.9	32.721423984	3.2721423984e+1
236.91	32.722805218	3.2722805218e+1
236.92	32.724186451	3.2724186451e+1
236.93	32.725567685	3.2725567685e+1
236.94	32.726948918	3.2726948918e+1
236.95	32.728330152	3.2728330152e+1
236.96	32.729711386	3.2729711386e+1
236.97	32.731092619	3.2731092619e+1
236.98	32.732473853	3.2732473853e+1
236.99	32.733855086	3.2733855086e+1
237	32.73523632	3.273523632e+1
237.01	32.736617554	3.2736617554e+1
237.02	32.737998787	3.2737998787e+1
237.03	32.739380021	3.2739380021e+1
237.04	32.740761254	3.2740761254e+1
237.05	32.742142488	3.2742142488e+1
237.06	32.743523722	3.2743523722e+1
237.07	32.744904955	3.2744904955e+1
237.08	32.746286189	3.2746286189e+1
237.09	32.747667422	3.2747667422e+1
237.1	32.749048656	3.2749048656e+1
237.11	32.75042989	3.275042989e+1
237.12	32.751811123	3.2751811123e+1
237.13	32.753192357	3.2753192357e+1
237.14	32.75457359	3.275457359e+1
237.15	32.755954824	3.2755954824e+1
237.16	32.757336058	3.2757336058e+1
237.17	32.758717291	3.2758717291e+1
237.18	32.760098525	3.2760098525e+1
237.19	32.761479758	3.2761479758e+1
237.2	32.762860992	3.2762860992e+1
237.21	32.764242226	3.2764242226e+1
237.22	32.765623459	3.2765623459e+1
237.23	32.767004693	3.2767004693e+1
237.24	32.768385926	3.2768385926e+1
237.25	32.76976716	3.276976716e+1
237.26	32.771148394	3.2771148394e+1

237.27	32.772529627	3.2772529627e+1
237.28	32.773910861	3.2773910861e+1
237.29	32.775292094	3.2775292094e+1
237.3	32.776673328	3.2776673328e+1
237.31	32.778054562	3.2778054562e+1
237.32	32.779435795	3.2779435795e+1
237.33	32.780817029	3.2780817029e+1
237.34	32.782198262	3.2782198262e+1
237.35	32.783579496	3.2783579496e+1
237.36	32.78496073	3.278496073e+1
237.37	32.786341963	3.2786341963e+1
237.38	32.787723197	3.2787723197e+1
237.39	32.78910443	3.278910443e+1
237.4	32.790485664	3.2790485664e+1
237.41	32.791866898	3.2791866898e+1
237.42	32.793248131	3.2793248131e+1
237.43	32.794629365	3.2794629365e+1
237.44	32.796010598	3.2796010598e+1
237.45	32.797391832	3.2797391832e+1
237.46	32.798773066	3.2798773066e+1
237.47	32.800154299	3.2800154299e+1
237.48	32.801535533	3.2801535533e+1
237.49	32.802916766	3.2802916766e+1
237.5	32.804298	3.2804298e+1
237.51	32.805679234	3.2805679234e+1
237.52	32.807060467	3.2807060467e+1
237.53	32.808441701	3.2808441701e+1
237.54	32.809822934	3.2809822934e+1
237.55	32.811204168	3.2811204168e+1
237.56	32.812585402	3.2812585402e+1
237.57	32.813966635	3.2813966635e+1
237.58	32.815347869	3.2815347869e+1
237.59	32.816729102	3.2816729102e+1
237.6	32.818110336	3.2818110336e+1
237.61	32.81949157	3.281949157e+1
237.62	32.820872803	3.2820872803e+1
237.63	32.822254037	3.2822254037e+1
237.64	32.82363527	3.282363527e+1

237.65	32.825016504	3.2825016504e+1
237.66	32.826397738	3.2826397738e+1
237.67	32.827778971	3.2827778971e+1
237.68	32.829160205	3.2829160205e+1
237.69	32.830541438	3.2830541438e+1
237.7	32.831922672	3.2831922672e+1
237.71	32.833303906	3.2833303906e+1
237.72	32.834685139	3.2834685139e+1
237.73	32.836066373	3.2836066373e+1
237.74	32.837447606	3.2837447606e+1
237.75	32.83882884	3.283882884e+1
237.76	32.840210074	3.2840210074e+1
237.77	32.841591307	3.2841591307e+1
237.78	32.842972541	3.2842972541e+1
237.79	32.844353774	3.2844353774e+1
237.8	32.845735008	3.2845735008e+1
237.81	32.847116242	3.2847116242e+1
237.82	32.848497475	3.2848497475e+1
237.83	32.849878709	3.2849878709e+1
237.84	32.851259942	3.2851259942e+1
237.85	32.852641176	3.2852641176e+1
237.86	32.85402241	3.285402241e+1
237.87	32.855403643	3.2855403643e+1
237.88	32.856784877	3.2856784877e+1
237.89	32.85816611	3.285816611e+1
237.9	32.859547344	3.2859547344e+1
237.91	32.860928578	3.2860928578e+1
237.92	32.862309811	3.2862309811e+1
237.93	32.863691045	3.2863691045e+1
237.94	32.865072278	3.2865072278e+1
237.95	32.866453512	3.2866453512e+1
237.96	32.867834746	3.2867834746e+1
237.97	32.869215979	3.2869215979e+1
237.98	32.870597213	3.2870597213e+1
237.99	32.871978446	3.2871978446e+1
238	32.87335968	3.287335968e+1
238.01	32.874740914	3.2874740914e+1
238.02	32.876122147	3.2876122147e+1

238.03	32.877503381	3.2877503381e+1
238.04	32.878884614	3.2878884614e+1
238.05	32.880265848	3.2880265848e+1
238.06	32.881647082	3.2881647082e+1
238.07	32.883028315	3.2883028315e+1
238.08	32.884409549	3.2884409549e+1
238.09	32.885790782	3.2885790782e+1
238.1	32.887172016	3.2887172016e+1
238.11	32.88855325	3.288855325e+1
238.12	32.889934483	3.2889934483e+1
238.13	32.891315717	3.2891315717e+1
238.14	32.89269695	3.289269695e+1
238.15	32.894078184	3.2894078184e+1
238.16	32.895459418	3.2895459418e+1
238.17	32.896840651	3.2896840651e+1
238.18	32.898221885	3.2898221885e+1
238.19	32.899603118	3.2899603118e+1
238.2	32.900984352	3.2900984352e+1
238.21	32.902365586	3.2902365586e+1
238.22	32.903746819	3.2903746819e+1
238.23	32.905128053	3.2905128053e+1
238.24	32.906509286	3.2906509286e+1
238.25	32.90789052	3.290789052e+1
238.26	32.909271754	3.2909271754e+1
238.27	32.910652987	3.2910652987e+1
238.28	32.912034221	3.2912034221e+1
238.29	32.913415454	3.2913415454e+1
238.3	32.914796688	3.2914796688e+1
238.31	32.916177922	3.2916177922e+1
238.32	32.917559155	3.2917559155e+1
238.33	32.918940389	3.2918940389e+1
238.34	32.920321622	3.2920321622e+1
238.35	32.921702856	3.2921702856e+1
238.36	32.92308409	3.292308409e+1
238.37	32.924465323	3.2924465323e+1
238.38	32.925846557	3.2925846557e+1
238.39	32.92722779	3.292722779e+1
238.4	32.928609024	3.2928609024e+1

238.41	32.929990258	3.2929990258e+1
238.42	32.931371491	3.2931371491e+1
238.43	32.932752725	3.2932752725e+1
238.44	32.934133958	3.2934133958e+1
238.45	32.935515192	3.2935515192e+1
238.46	32.936896426	3.2936896426e+1
238.47	32.938277659	3.2938277659e+1
238.48	32.939658893	3.2939658893e+1
238.49	32.941040126	3.2941040126e+1
238.5	32.94242136	3.294242136e+1
238.51	32.943802594	3.2943802594e+1
238.52	32.945183827	3.2945183827e+1
238.53	32.946565061	3.2946565061e+1
238.54	32.947946294	3.2947946294e+1
238.55	32.949327528	3.2949327528e+1
238.56	32.950708762	3.2950708762e+1
238.57	32.952089995	3.2952089995e+1
238.58	32.953471229	3.2953471229e+1
238.59	32.954852462	3.2954852462e+1
238.6	32.956233696	3.2956233696e+1
238.61	32.95761493	3.295761493e+1
238.62	32.958996163	3.2958996163e+1
238.63	32.960377397	3.2960377397e+1
238.64	32.96175863	3.296175863e+1
238.65	32.963139864	3.2963139864e+1
238.66	32.964521098	3.2964521098e+1
238.67	32.965902331	3.2965902331e+1
238.68	32.967283565	3.2967283565e+1
238.69	32.968664798	3.2968664798e+1
238.7	32.970046032	3.2970046032e+1
238.71	32.971427266	3.2971427266e+1
238.72	32.972808499	3.2972808499e+1
238.73	32.974189733	3.2974189733e+1
238.74	32.975570966	3.2975570966e+1
238.75	32.9769522	3.29769522e+1
238.76	32.978333434	3.2978333434e+1
238.77	32.979714667	3.2979714667e+1
238.78	32.981095901	3.2981095901e+1

238.79	32.982477134	3.2982477134e+1
238.8	32.983858368	3.2983858368e+1
238.81	32.985239602	3.2985239602e+1
238.82	32.986620835	3.2986620835e+1
238.83	32.988002069	3.2988002069e+1
238.84	32.989383302	3.2989383302e+1
238.85	32.990764536	3.2990764536e+1
238.86	32.99214577	3.299214577e+1
238.87	32.993527003	3.2993527003e+1
238.88	32.994908237	3.2994908237e+1
238.89	32.99628947	3.299628947e+1
238.9	32.997670704	3.2997670704e+1
238.91	32.999051938	3.2999051938e+1
238.92	33.000433171	3.3000433171e+1
238.93	33.001814405	3.3001814405e+1
238.94	33.003195638	3.3003195638e+1
238.95	33.004576872	3.3004576872e+1
238.96	33.005958106	3.3005958106e+1
238.97	33.007339339	3.3007339339e+1
238.98	33.008720573	3.3008720573e+1
238.99	33.010101806	3.3010101806e+1
239	33.01148304	3.301148304e+1
239.01	33.012864274	3.3012864274e+1
239.02	33.014245507	3.3014245507e+1
239.03	33.015626741	3.3015626741e+1
239.04	33.017007974	3.3017007974e+1
239.05	33.018389208	3.3018389208e+1
239.06	33.019770442	3.3019770442e+1
239.07	33.021151675	3.3021151675e+1
239.08	33.022532909	3.3022532909e+1
239.09	33.023914142	3.3023914142e+1
239.1	33.025295376	3.3025295376e+1
239.11	33.02667661	3.302667661e+1
239.12	33.028057843	3.3028057843e+1
239.13	33.029439077	3.3029439077e+1
239.14	33.03082031	3.303082031e+1
239.15	33.032201544	3.3032201544e+1
239.16	33.033582778	3.3033582778e+1

239.17	33.034964011	3.3034964011e+1
239.18	33.036345245	3.3036345245e+1
239.19	33.037726478	3.3037726478e+1
239.2	33.039107712	3.3039107712e+1
239.21	33.040488946	3.3040488946e+1
239.22	33.041870179	3.3041870179e+1
239.23	33.043251413	3.3043251413e+1
239.24	33.044632646	3.3044632646e+1
239.25	33.04601388	3.304601388e+1
239.26	33.047395114	3.3047395114e+1
239.27	33.048776347	3.3048776347e+1
239.28	33.050157581	3.3050157581e+1
239.29	33.051538814	3.3051538814e+1
239.3	33.052920048	3.3052920048e+1
239.31	33.054301282	3.3054301282e+1
239.32	33.055682515	3.3055682515e+1
239.33	33.057063749	3.3057063749e+1
239.34	33.058444982	3.3058444982e+1
239.35	33.059826216	3.3059826216e+1
239.36	33.06120745	3.306120745e+1
239.37	33.062588683	3.3062588683e+1
239.38	33.063969917	3.3063969917e+1
239.39	33.06535115	3.306535115e+1
239.4	33.066732384	3.3066732384e+1
239.41	33.068113618	3.3068113618e+1
239.42	33.069494851	3.3069494851e+1
239.43	33.070876085	3.3070876085e+1
239.44	33.072257318	3.3072257318e+1
239.45	33.073638552	3.3073638552e+1
239.46	33.075019786	3.3075019786e+1
239.47	33.076401019	3.3076401019e+1
239.48	33.077782253	3.3077782253e+1
239.49	33.079163486	3.3079163486e+1
239.5	33.08054472	3.308054472e+1
239.51	33.081925954	3.3081925954e+1
239.52	33.083307187	3.3083307187e+1
239.53	33.084688421	3.3084688421e+1
239.54	33.086069654	3.3086069654e+1

239.55	33.087450888	3.3087450888e+1
239.56	33.088832122	3.3088832122e+1
239.57	33.090213355	3.3090213355e+1
239.58	33.091594589	3.3091594589e+1
239.59	33.092975822	3.3092975822e+1
239.6	33.094357056	3.3094357056e+1
239.61	33.09573829	3.309573829e+1
239.62	33.097119523	3.3097119523e+1
239.63	33.098500757	3.3098500757e+1
239.64	33.09988199	3.309988199e+1
239.65	33.101263224	3.3101263224e+1
239.66	33.102644458	3.3102644458e+1
239.67	33.104025691	3.3104025691e+1
239.68	33.105406925	3.3105406925e+1
239.69	33.106788158	3.3106788158e+1
239.7	33.108169392	3.3108169392e+1
239.71	33.109550626	3.3109550626e+1
239.72	33.110931859	3.3110931859e+1
239.73	33.112313093	3.3112313093e+1
239.74	33.113694326	3.3113694326e+1
239.75	33.11507556	3.311507556e+1
239.76	33.116456794	3.3116456794e+1
239.77	33.117838027	3.3117838027e+1
239.78	33.119219261	3.3119219261e+1
239.79	33.120600494	3.3120600494e+1
239.8	33.121981728	3.3121981728e+1
239.81	33.123362962	3.3123362962e+1
239.82	33.124744195	3.3124744195e+1
239.83	33.126125429	3.3126125429e+1
239.84	33.127506662	3.3127506662e+1
239.85	33.128887896	3.3128887896e+1
239.86	33.13026913	3.313026913e+1
239.87	33.131650363	3.3131650363e+1
239.88	33.133031597	3.3133031597e+1
239.89	33.13441283	3.313441283e+1
239.9	33.135794064	3.3135794064e+1
239.91	33.137175298	3.3137175298e+1
239.92	33.138556531	3.3138556531e+1

239.93	33.139937765	3.3139937765e+1
239.94	33.141318998	3.3141318998e+1
239.95	33.142700232	3.3142700232e+1
239.96	33.144081466	3.3144081466e+1
239.97	33.145462699	3.3145462699e+1
239.98	33.146843933	3.3146843933e+1
239.99	33.148225166	3.3148225166e+1
240	33.1496064	3.31496064e+1
240.01	33.150987634	3.3150987634e+1
240.02	33.152368867	3.3152368867e+1
240.03	33.153750101	3.3153750101e+1
240.04	33.155131334	3.3155131334e+1
240.05	33.156512568	3.3156512568e+1
240.06	33.157893802	3.3157893802e+1
240.07	33.159275035	3.3159275035e+1
240.08	33.160656269	3.3160656269e+1
240.09	33.162037502	3.3162037502e+1
240.1	33.163418736	3.3163418736e+1
240.11	33.16479997	3.316479997e+1
240.12	33.166181203	3.3166181203e+1
240.13	33.167562437	3.3167562437e+1
240.14	33.16894367	3.316894367e+1
240.15	33.170324904	3.3170324904e+1
240.16	33.171706138	3.3171706138e+1
240.17	33.173087371	3.3173087371e+1
240.18	33.174468605	3.3174468605e+1
240.19	33.175849838	3.3175849838e+1
240.2	33.177231072	3.3177231072e+1
240.21	33.178612306	3.3178612306e+1
240.22	33.179993539	3.3179993539e+1
240.23	33.181374773	3.3181374773e+1
240.24	33.182756006	3.3182756006e+1
240.25	33.18413724	3.318413724e+1
240.26	33.185518474	3.3185518474e+1
240.27	33.186899707	3.3186899707e+1
240.28	33.188280941	3.3188280941e+1
240.29	33.189662174	3.3189662174e+1
240.3	33.191043408	3.3191043408e+1

240.31	33.192424642	3.3192424642e+1
240.32	33.193805875	3.3193805875e+1
240.33	33.195187109	3.3195187109e+1
240.34	33.196568342	3.3196568342e+1
240.35	33.197949576	3.3197949576e+1
240.36	33.19933081	3.319933081e+1
240.37	33.200712043	3.3200712043e+1
240.38	33.202093277	3.3202093277e+1
240.39	33.20347451	3.320347451e+1
240.4	33.204855744	3.3204855744e+1
240.41	33.206236978	3.3206236978e+1
240.42	33.207618211	3.3207618211e+1
240.43	33.208999445	3.3208999445e+1
240.44	33.210380678	3.3210380678e+1
240.45	33.211761912	3.3211761912e+1
240.46	33.213143146	3.3213143146e+1
240.47	33.214524379	3.3214524379e+1
240.48	33.215905613	3.3215905613e+1
240.49	33.217286846	3.3217286846e+1
240.5	33.21866808	3.321866808e+1
240.51	33.220049314	3.3220049314e+1
240.52	33.221430547	3.3221430547e+1
240.53	33.222811781	3.3222811781e+1
240.54	33.224193014	3.3224193014e+1
240.55	33.225574248	3.3225574248e+1
240.56	33.226955482	3.3226955482e+1
240.57	33.228336715	3.3228336715e+1
240.58	33.229717949	3.3229717949e+1
240.59	33.231099182	3.3231099182e+1
240.6	33.232480416	3.3232480416e+1
240.61	33.23386165	3.323386165e+1
240.62	33.235242883	3.3235242883e+1
240.63	33.236624117	3.3236624117e+1
240.64	33.23800535	3.323800535e+1
240.65	33.239386584	3.3239386584e+1
240.66	33.240767818	3.3240767818e+1
240.67	33.242149051	3.3242149051e+1
240.68	33.243530285	3.3243530285e+1

240.69	33.244911518	3.3244911518e+1
240.7	33.246292752	3.3246292752e+1
240.71	33.247673986	3.3247673986e+1
240.72	33.249055219	3.3249055219e+1
240.73	33.250436453	3.3250436453e+1
240.74	33.251817686	3.3251817686e+1
240.75	33.25319892	3.325319892e+1
240.76	33.254580154	3.3254580154e+1
240.77	33.255961387	3.3255961387e+1
240.78	33.257342621	3.3257342621e+1
240.79	33.258723854	3.3258723854e+1
240.8	33.260105088	3.3260105088e+1
240.81	33.261486322	3.3261486322e+1
240.82	33.262867555	3.3262867555e+1
240.83	33.264248789	3.3264248789e+1
240.84	33.265630022	3.3265630022e+1
240.85	33.267011256	3.3267011256e+1
240.86	33.26839249	3.326839249e+1
240.87	33.269773723	3.3269773723e+1
240.88	33.271154957	3.3271154957e+1
240.89	33.27253619	3.327253619e+1
240.9	33.273917424	3.3273917424e+1
240.91	33.275298658	3.3275298658e+1
240.92	33.276679891	3.3276679891e+1
240.93	33.278061125	3.3278061125e+1
240.94	33.279442358	3.3279442358e+1
240.95	33.280823592	3.3280823592e+1
240.96	33.282204826	3.3282204826e+1
240.97	33.283586059	3.3283586059e+1
240.98	33.284967293	3.3284967293e+1
240.99	33.286348526	3.3286348526e+1
241	33.28772976	3.328772976e+1
241.01	33.289110994	3.3289110994e+1
241.02	33.290492227	3.3290492227e+1
241.03	33.291873461	3.3291873461e+1
241.04	33.293254694	3.3293254694e+1
241.05	33.294635928	3.3294635928e+1
241.06	33.296017162	3.3296017162e+1

241.07	33.297398395	3.3297398395e+1
241.08	33.298779629	3.3298779629e+1
241.09	33.300160862	3.3300160862e+1
241.1	33.301542096	3.3301542096e+1
241.11	33.30292333	3.330292333e+1
241.12	33.304304563	3.3304304563e+1
241.13	33.305685797	3.3305685797e+1
241.14	33.30706703	3.330706703e+1
241.15	33.308448264	3.3308448264e+1
241.16	33.309829498	3.3309829498e+1
241.17	33.311210731	3.3311210731e+1
241.18	33.312591965	3.3312591965e+1
241.19	33.313973198	3.3313973198e+1
241.2	33.315354432	3.3315354432e+1
241.21	33.316735666	3.3316735666e+1
241.22	33.318116899	3.3318116899e+1
241.23	33.319498133	3.3319498133e+1
241.24	33.320879366	3.3320879366e+1
241.25	33.3222606	3.33222606e+1
241.26	33.323641834	3.3323641834e+1
241.27	33.325023067	3.3325023067e+1
241.28	33.326404301	3.3326404301e+1
241.29	33.327785534	3.3327785534e+1
241.3	33.329166768	3.3329166768e+1
241.31	33.330548002	3.3330548002e+1
241.32	33.331929235	3.3331929235e+1
241.33	33.333310469	3.3333310469e+1
241.34	33.334691702	3.3334691702e+1
241.35	33.336072936	3.3336072936e+1
241.36	33.33745417	3.333745417e+1
241.37	33.338835403	3.3338835403e+1
241.38	33.340216637	3.3340216637e+1
241.39	33.34159787	3.334159787e+1
241.4	33.342979104	3.3342979104e+1
241.41	33.344360338	3.3344360338e+1
241.42	33.345741571	3.3345741571e+1
241.43	33.347122805	3.3347122805e+1
241.44	33.348504038	3.3348504038e+1

241.45	33.349885272	3.3349885272e+1
241.46	33.351266506	3.3351266506e+1
241.47	33.352647739	3.3352647739e+1
241.48	33.354028973	3.3354028973e+1
241.49	33.355410206	3.3355410206e+1
241.5	33.35679144	3.335679144e+1
241.51	33.358172674	3.3358172674e+1
241.52	33.359553907	3.3359553907e+1
241.53	33.360935141	3.3360935141e+1
241.54	33.362316374	3.3362316374e+1
241.55	33.363697608	3.3363697608e+1
241.56	33.365078842	3.3365078842e+1
241.57	33.366460075	3.3366460075e+1
241.58	33.367841309	3.3367841309e+1
241.59	33.369222542	3.3369222542e+1
241.6	33.370603776	3.3370603776e+1
241.61	33.37198501	3.337198501e+1
241.62	33.373366243	3.3373366243e+1
241.63	33.374747477	3.3374747477e+1
241.64	33.37612871	3.337612871e+1
241.65	33.377509944	3.3377509944e+1
241.66	33.378891178	3.3378891178e+1
241.67	33.380272411	3.3380272411e+1
241.68	33.381653645	3.3381653645e+1
241.69	33.383034878	3.3383034878e+1
241.7	33.384416112	3.3384416112e+1
241.71	33.385797346	3.3385797346e+1
241.72	33.387178579	3.3387178579e+1
241.73	33.388559813	3.3388559813e+1
241.74	33.389941046	3.3389941046e+1
241.75	33.39132228	3.339132228e+1
241.76	33.392703514	3.3392703514e+1
241.77	33.394084747	3.3394084747e+1
241.78	33.395465981	3.3395465981e+1
241.79	33.396847214	3.3396847214e+1
241.8	33.398228448	3.3398228448e+1
241.81	33.399609682	3.3399609682e+1
241.82	33.400990915	3.3400990915e+1

241.83	33.402372149	3.3402372149e+1
241.84	33.403753382	3.3403753382e+1
241.85	33.405134616	3.3405134616e+1
241.86	33.40651585	3.340651585e+1
241.87	33.407897083	3.3407897083e+1
241.88	33.409278317	3.3409278317e+1
241.89	33.41065955	3.341065955e+1
241.9	33.412040784	3.3412040784e+1
241.91	33.413422018	3.3413422018e+1
241.92	33.414803251	3.3414803251e+1
241.93	33.416184485	3.3416184485e+1
241.94	33.417565718	3.3417565718e+1
241.95	33.418946952	3.3418946952e+1
241.96	33.420328186	3.3420328186e+1
241.97	33.421709419	3.3421709419e+1
241.98	33.423090653	3.3423090653e+1
241.99	33.424471886	3.3424471886e+1
242	33.42585312	3.342585312e+1
242.01	33.427234354	3.3427234354e+1
242.02	33.428615587	3.3428615587e+1
242.03	33.429996821	3.3429996821e+1
242.04	33.431378054	3.3431378054e+1
242.05	33.432759288	3.3432759288e+1
242.06	33.434140522	3.3434140522e+1
242.07	33.435521755	3.3435521755e+1
242.08	33.436902989	3.3436902989e+1
242.09	33.438284222	3.3438284222e+1
242.1	33.439665456	3.3439665456e+1
242.11	33.44104669	3.344104669e+1
242.12	33.442427923	3.3442427923e+1
242.13	33.443809157	3.3443809157e+1
242.14	33.44519039	3.344519039e+1
242.15	33.446571624	3.3446571624e+1
242.16	33.447952858	3.3447952858e+1
242.17	33.449334091	3.3449334091e+1
242.18	33.450715325	3.3450715325e+1
242.19	33.452096558	3.3452096558e+1
242.2	33.453477792	3.3453477792e+1

242.21	33.454859026	3.3454859026e+1
242.22	33.456240259	3.3456240259e+1
242.23	33.457621493	3.3457621493e+1
242.24	33.459002726	3.3459002726e+1
242.25	33.46038396	3.346038396e+1
242.26	33.461765194	3.3461765194e+1
242.27	33.463146427	3.3463146427e+1
242.28	33.464527661	3.3464527661e+1
242.29	33.465908894	3.3465908894e+1
242.3	33.467290128	3.3467290128e+1
242.31	33.468671362	3.3468671362e+1
242.32	33.470052595	3.3470052595e+1
242.33	33.471433829	3.3471433829e+1
242.34	33.472815062	3.3472815062e+1
242.35	33.474196296	3.3474196296e+1
242.36	33.47557753	3.347557753e+1
242.37	33.476958763	3.3476958763e+1
242.38	33.478339997	3.3478339997e+1
242.39	33.47972123	3.347972123e+1
242.4	33.481102464	3.3481102464e+1
242.41	33.482483698	3.3482483698e+1
242.42	33.483864931	3.3483864931e+1
242.43	33.485246165	3.3485246165e+1
242.44	33.486627398	3.3486627398e+1
242.45	33.488008632	3.3488008632e+1
242.46	33.489389866	3.3489389866e+1
242.47	33.490771099	3.3490771099e+1
242.48	33.492152333	3.3492152333e+1
242.49	33.493533566	3.3493533566e+1
242.5	33.4949148	3.34949148e+1
242.51	33.496296034	3.3496296034e+1
242.52	33.497677267	3.3497677267e+1
242.53	33.499058501	3.3499058501e+1
242.54	33.500439734	3.3500439734e+1
242.55	33.501820968	3.3501820968e+1
242.56	33.503202202	3.3503202202e+1
242.57	33.504583435	3.3504583435e+1
242.58	33.505964669	3.3505964669e+1

242.59	33.507345902	3.3507345902e+1
242.6	33.508727136	3.3508727136e+1
242.61	33.51010837	3.351010837e+1
242.62	33.511489603	3.3511489603e+1
242.63	33.512870837	3.3512870837e+1
242.64	33.51425207	3.351425207e+1
242.65	33.515633304	3.3515633304e+1
242.66	33.517014538	3.3517014538e+1
242.67	33.518395771	3.3518395771e+1
242.68	33.519777005	3.3519777005e+1
242.69	33.521158238	3.3521158238e+1
242.7	33.522539472	3.3522539472e+1
242.71	33.523920706	3.3523920706e+1
242.72	33.525301939	3.3525301939e+1
242.73	33.526683173	3.3526683173e+1
242.74	33.528064406	3.3528064406e+1
242.75	33.52944564	3.352944564e+1
242.76	33.530826874	3.3530826874e+1
242.77	33.532208107	3.3532208107e+1
242.78	33.533589341	3.3533589341e+1
242.79	33.534970574	3.3534970574e+1
242.8	33.536351808	3.3536351808e+1
242.81	33.537733042	3.3537733042e+1
242.82	33.539114275	3.3539114275e+1
242.83	33.540495509	3.3540495509e+1
242.84	33.541876742	3.3541876742e+1
242.85	33.543257976	3.3543257976e+1
242.86	33.54463921	3.354463921e+1
242.87	33.546020443	3.3546020443e+1
242.88	33.547401677	3.3547401677e+1
242.89	33.54878291	3.354878291e+1
242.9	33.550164144	3.3550164144e+1
242.91	33.551545378	3.3551545378e+1
242.92	33.552926611	3.3552926611e+1
242.93	33.554307845	3.3554307845e+1
242.94	33.555689078	3.3555689078e+1
242.95	33.557070312	3.3557070312e+1
242.96	33.558451546	3.3558451546e+1

242.97	33.559832779	3.3559832779e+1
242.98	33.561214013	3.3561214013e+1
242.99	33.562595246	3.3562595246e+1
243	33.56397648	3.356397648e+1
243.01	33.565357714	3.3565357714e+1
243.02	33.566738947	3.3566738947e+1
243.03	33.568120181	3.3568120181e+1
243.04	33.569501414	3.3569501414e+1
243.05	33.570882648	3.3570882648e+1
243.06	33.572263882	3.3572263882e+1
243.07	33.573645115	3.3573645115e+1
243.08	33.575026349	3.3575026349e+1
243.09	33.576407582	3.3576407582e+1
243.1	33.577788816	3.3577788816e+1
243.11	33.57917005	3.357917005e+1
243.12	33.580551283	3.3580551283e+1
243.13	33.581932517	3.3581932517e+1
243.14	33.58331375	3.358331375e+1
243.15	33.584694984	3.3584694984e+1
243.16	33.586076218	3.3586076218e+1
243.17	33.587457451	3.3587457451e+1
243.18	33.588838685	3.3588838685e+1
243.19	33.590219918	3.3590219918e+1
243.2	33.591601152	3.3591601152e+1
243.21	33.592982386	3.3592982386e+1
243.22	33.594363619	3.3594363619e+1
243.23	33.595744853	3.3595744853e+1
243.24	33.597126086	3.3597126086e+1
243.25	33.59850732	3.359850732e+1
243.26	33.599888554	3.3599888554e+1
243.27	33.601269787	3.3601269787e+1
243.28	33.602651021	3.3602651021e+1
243.29	33.604032254	3.3604032254e+1
243.3	33.605413488	3.3605413488e+1
243.31	33.606794722	3.3606794722e+1
243.32	33.608175955	3.3608175955e+1
243.33	33.609557189	3.3609557189e+1
243.34	33.610938422	3.3610938422e+1

243.35	33.612319656	3.3612319656e+1
243.36	33.61370089	3.361370089e+1
243.37	33.615082123	3.3615082123e+1
243.38	33.616463357	3.3616463357e+1
243.39	33.61784459	3.361784459e+1
243.4	33.619225824	3.3619225824e+1
243.41	33.620607058	3.3620607058e+1
243.42	33.621988291	3.3621988291e+1
243.43	33.623369525	3.3623369525e+1
243.44	33.624750758	3.3624750758e+1
243.45	33.626131992	3.3626131992e+1
243.46	33.627513226	3.3627513226e+1
243.47	33.628894459	3.3628894459e+1
243.48	33.630275693	3.3630275693e+1
243.49	33.631656926	3.3631656926e+1
243.5	33.63303816	3.363303816e+1
243.51	33.634419394	3.3634419394e+1
243.52	33.635800627	3.3635800627e+1
243.53	33.637181861	3.3637181861e+1
243.54	33.638563094	3.3638563094e+1
243.55	33.639944328	3.3639944328e+1
243.56	33.641325562	3.3641325562e+1
243.57	33.642706795	3.3642706795e+1
243.58	33.644088029	3.3644088029e+1
243.59	33.645469262	3.3645469262e+1
243.6	33.646850496	3.3646850496e+1
243.61	33.64823173	3.364823173e+1
243.62	33.649612963	3.3649612963e+1
243.63	33.650994197	3.3650994197e+1
243.64	33.65237543	3.365237543e+1
243.65	33.653756664	3.3653756664e+1
243.66	33.655137898	3.3655137898e+1
243.67	33.656519131	3.3656519131e+1
243.68	33.657900365	3.3657900365e+1
243.69	33.659281598	3.3659281598e+1
243.7	33.660662832	3.3660662832e+1
243.71	33.662044066	3.3662044066e+1
243.72	33.663425299	3.3663425299e+1

243.73	33.664806533	3.3664806533e+1
243.74	33.666187766	3.3666187766e+1
243.75	33.667569	3.3667569e+1
243.76	33.668950234	3.3668950234e+1
243.77	33.670331467	3.3670331467e+1
243.78	33.671712701	3.3671712701e+1
243.79	33.673093934	3.3673093934e+1
243.8	33.674475168	3.3674475168e+1
243.81	33.675856402	3.3675856402e+1
243.82	33.677237635	3.3677237635e+1
243.83	33.678618869	3.3678618869e+1
243.84	33.680000102	3.3680000102e+1
243.85	33.681381336	3.3681381336e+1
243.86	33.68276257	3.368276257e+1
243.87	33.684143803	3.3684143803e+1
243.88	33.685525037	3.3685525037e+1
243.89	33.68690627	3.368690627e+1
243.9	33.688287504	3.3688287504e+1
243.91	33.689668738	3.3689668738e+1
243.92	33.691049971	3.3691049971e+1
243.93	33.692431205	3.3692431205e+1
243.94	33.693812438	3.3693812438e+1
243.95	33.695193672	3.3695193672e+1
243.96	33.696574906	3.3696574906e+1
243.97	33.697956139	3.3697956139e+1
243.98	33.699337373	3.3699337373e+1
243.99	33.700718606	3.3700718606e+1
244	33.70209984	3.370209984e+1
244.01	33.703481074	3.3703481074e+1
244.02	33.704862307	3.3704862307e+1
244.03	33.706243541	3.3706243541e+1
244.04	33.707624774	3.3707624774e+1
244.05	33.709006008	3.3709006008e+1
244.06	33.710387242	3.3710387242e+1
244.07	33.711768475	3.3711768475e+1
244.08	33.713149709	3.3713149709e+1
244.09	33.714530942	3.3714530942e+1
244.1	33.715912176	3.3715912176e+1

244.11	33.71729341	3.371729341e+1
244.12	33.718674643	3.3718674643e+1
244.13	33.720055877	3.3720055877e+1
244.14	33.72143711	3.372143711e+1
244.15	33.722818344	3.3722818344e+1
244.16	33.724199578	3.3724199578e+1
244.17	33.725580811	3.3725580811e+1
244.18	33.726962045	3.3726962045e+1
244.19	33.728343278	3.3728343278e+1
244.2	33.729724512	3.3729724512e+1
244.21	33.731105746	3.3731105746e+1
244.22	33.732486979	3.3732486979e+1
244.23	33.733868213	3.3733868213e+1
244.24	33.735249446	3.3735249446e+1
244.25	33.73663068	3.373663068e+1
244.26	33.738011914	3.3738011914e+1
244.27	33.739393147	3.3739393147e+1
244.28	33.740774381	3.3740774381e+1
244.29	33.742155614	3.3742155614e+1
244.3	33.743536848	3.3743536848e+1
244.31	33.744918082	3.3744918082e+1
244.32	33.746299315	3.3746299315e+1
244.33	33.747680549	3.3747680549e+1
244.34	33.749061782	3.3749061782e+1
244.35	33.750443016	3.3750443016e+1
244.36	33.75182425	3.375182425e+1
244.37	33.753205483	3.3753205483e+1
244.38	33.754586717	3.3754586717e+1
244.39	33.75596795	3.375596795e+1
244.4	33.757349184	3.3757349184e+1
244.41	33.758730418	3.3758730418e+1
244.42	33.760111651	3.3760111651e+1
244.43	33.761492885	3.3761492885e+1
244.44	33.762874118	3.3762874118e+1
244.45	33.764255352	3.3764255352e+1
244.46	33.765636586	3.3765636586e+1
244.47	33.767017819	3.3767017819e+1
244.48	33.768399053	3.3768399053e+1

244.49	33.769780286	3.3769780286e+1
244.5	33.77116152	3.377116152e+1
244.51	33.772542754	3.3772542754e+1
244.52	33.773923987	3.3773923987e+1
244.53	33.775305221	3.3775305221e+1
244.54	33.776686454	3.3776686454e+1
244.55	33.778067688	3.3778067688e+1
244.56	33.779448922	3.3779448922e+1
244.57	33.780830155	3.3780830155e+1
244.58	33.782211389	3.3782211389e+1
244.59	33.783592622	3.3783592622e+1
244.6	33.784973856	3.3784973856e+1
244.61	33.78635509	3.378635509e+1
244.62	33.787736323	3.3787736323e+1
244.63	33.789117557	3.3789117557e+1
244.64	33.79049879	3.379049879e+1
244.65	33.791880024	3.3791880024e+1
244.66	33.793261258	3.3793261258e+1
244.67	33.794642491	3.3794642491e+1
244.68	33.796023725	3.3796023725e+1
244.69	33.797404958	3.3797404958e+1
244.7	33.798786192	3.3798786192e+1
244.71	33.800167426	3.3800167426e+1
244.72	33.801548659	3.3801548659e+1
244.73	33.802929893	3.3802929893e+1
244.74	33.804311126	3.3804311126e+1
244.75	33.80569236	3.380569236e+1
244.76	33.807073594	3.3807073594e+1
244.77	33.808454827	3.3808454827e+1
244.78	33.809836061	3.3809836061e+1
244.79	33.811217294	3.3811217294e+1
244.8	33.812598528	3.3812598528e+1
244.81	33.813979762	3.3813979762e+1
244.82	33.815360995	3.3815360995e+1
244.83	33.816742229	3.3816742229e+1
244.84	33.818123462	3.3818123462e+1
244.85	33.819504696	3.3819504696e+1
244.86	33.82088593	3.382088593e+1

244.87	33.822267163	3.3822267163e+1
244.88	33.823648397	3.3823648397e+1
244.89	33.82502963	3.382502963e+1
244.9	33.826410864	3.3826410864e+1
244.91	33.827792098	3.3827792098e+1
244.92	33.829173331	3.3829173331e+1
244.93	33.830554565	3.3830554565e+1
244.94	33.831935798	3.3831935798e+1
244.95	33.833317032	3.3833317032e+1
244.96	33.834698266	3.3834698266e+1
244.97	33.836079499	3.3836079499e+1
244.98	33.837460733	3.3837460733e+1
244.99	33.838841966	3.3838841966e+1
245	33.8402232	3.38402232e+1
245.01	33.841604434	3.3841604434e+1
245.02	33.842985667	3.3842985667e+1
245.03	33.844366901	3.3844366901e+1
245.04	33.845748134	3.3845748134e+1
245.05	33.847129368	3.3847129368e+1
245.06	33.848510602	3.3848510602e+1
245.07	33.849891835	3.3849891835e+1
245.08	33.851273069	3.3851273069e+1
245.09	33.852654302	3.3852654302e+1
245.1	33.854035536	3.3854035536e+1
245.11	33.85541677	3.385541677e+1
245.12	33.856798003	3.3856798003e+1
245.13	33.858179237	3.3858179237e+1
245.14	33.85956047	3.385956047e+1
245.15	33.860941704	3.3860941704e+1
245.16	33.862322938	3.3862322938e+1
245.17	33.863704171	3.3863704171e+1
245.18	33.865085405	3.3865085405e+1
245.19	33.866466638	3.3866466638e+1
245.2	33.867847872	3.3867847872e+1
245.21	33.869229106	3.3869229106e+1
245.22	33.870610339	3.3870610339e+1
245.23	33.871991573	3.3871991573e+1
245.24	33.873372806	3.3873372806e+1

245.25	33.87475404	3.387475404e+1
245.26	33.876135274	3.3876135274e+1
245.27	33.877516507	3.3877516507e+1
245.28	33.878897741	3.3878897741e+1
245.29	33.880278974	3.3880278974e+1
245.3	33.881660208	3.3881660208e+1
245.31	33.883041442	3.3883041442e+1
245.32	33.884422675	3.3884422675e+1
245.33	33.885803909	3.3885803909e+1
245.34	33.887185142	3.3887185142e+1
245.35	33.888566376	3.3888566376e+1
245.36	33.88994761	3.388994761e+1
245.37	33.891328843	3.3891328843e+1
245.38	33.892710077	3.3892710077e+1
245.39	33.89409131	3.389409131e+1
245.4	33.895472544	3.3895472544e+1
245.41	33.896853778	3.3896853778e+1
245.42	33.898235011	3.3898235011e+1
245.43	33.899616245	3.3899616245e+1
245.44	33.900997478	3.3900997478e+1
245.45	33.902378712	3.3902378712e+1
245.46	33.903759946	3.3903759946e+1
245.47	33.905141179	3.3905141179e+1
245.48	33.906522413	3.3906522413e+1
245.49	33.907903646	3.3907903646e+1
245.5	33.90928488	3.390928488e+1
245.51	33.910666114	3.3910666114e+1
245.52	33.912047347	3.3912047347e+1
245.53	33.913428581	3.3913428581e+1
245.54	33.914809814	3.3914809814e+1
245.55	33.916191048	3.3916191048e+1
245.56	33.917572282	3.3917572282e+1
245.57	33.918953515	3.3918953515e+1
245.58	33.920334749	3.3920334749e+1
245.59	33.921715982	3.3921715982e+1
245.6	33.923097216	3.3923097216e+1
245.61	33.92447845	3.392447845e+1
245.62	33.925859683	3.3925859683e+1

245.63	33.927240917	3.3927240917e+1
245.64	33.92862215	3.392862215e+1
245.65	33.930003384	3.3930003384e+1
245.66	33.931384618	3.3931384618e+1
245.67	33.932765851	3.3932765851e+1
245.68	33.934147085	3.3934147085e+1
245.69	33.935528318	3.3935528318e+1
245.7	33.936909552	3.3936909552e+1
245.71	33.938290786	3.3938290786e+1
245.72	33.939672019	3.3939672019e+1
245.73	33.941053253	3.3941053253e+1
245.74	33.942434486	3.3942434486e+1
245.75	33.94381572	3.394381572e+1
245.76	33.945196954	3.3945196954e+1
245.77	33.946578187	3.3946578187e+1
245.78	33.947959421	3.3947959421e+1
245.79	33.949340654	3.3949340654e+1
245.8	33.950721888	3.3950721888e+1
245.81	33.952103122	3.3952103122e+1
245.82	33.953484355	3.3953484355e+1
245.83	33.954865589	3.3954865589e+1
245.84	33.956246822	3.3956246822e+1
245.85	33.957628056	3.3957628056e+1
245.86	33.95900929	3.395900929e+1
245.87	33.960390523	3.3960390523e+1
245.88	33.961771757	3.3961771757e+1
245.89	33.96315299	3.396315299e+1
245.9	33.964534224	3.3964534224e+1
245.91	33.965915458	3.3965915458e+1
245.92	33.967296691	3.3967296691e+1
245.93	33.968677925	3.3968677925e+1
245.94	33.970059158	3.3970059158e+1
245.95	33.971440392	3.3971440392e+1
245.96	33.972821626	3.3972821626e+1
245.97	33.974202859	3.3974202859e+1
245.98	33.975584093	3.3975584093e+1
245.99	33.976965326	3.3976965326e+1
246	33.97834656	3.397834656e+1

246.01	33.979727794	3.3979727794e+1
246.02	33.981109027	3.3981109027e+1
246.03	33.982490261	3.3982490261e+1
246.04	33.983871494	3.3983871494e+1
246.05	33.985252728	3.3985252728e+1
246.06	33.986633962	3.3986633962e+1
246.07	33.988015195	3.3988015195e+1
246.08	33.989396429	3.3989396429e+1
246.09	33.990777662	3.3990777662e+1
246.1	33.992158896	3.3992158896e+1
246.11	33.99354013	3.399354013e+1
246.12	33.994921363	3.3994921363e+1
246.13	33.996302597	3.3996302597e+1
246.14	33.99768383	3.399768383e+1
246.15	33.999065064	3.3999065064e+1
246.16	34.000446298	3.4000446298e+1
246.17	34.001827531	3.4001827531e+1
246.18	34.003208765	3.4003208765e+1
246.19	34.004589998	3.4004589998e+1
246.2	34.005971232	3.4005971232e+1
246.21	34.007352466	3.4007352466e+1
246.22	34.008733699	3.4008733699e+1
246.23	34.010114933	3.4010114933e+1
246.24	34.011496166	3.4011496166e+1
246.25	34.0128774	3.40128774e+1
246.26	34.014258634	3.4014258634e+1
246.27	34.015639867	3.4015639867e+1
246.28	34.017021101	3.4017021101e+1
246.29	34.018402334	3.4018402334e+1
246.3	34.019783568	3.4019783568e+1
246.31	34.021164802	3.4021164802e+1
246.32	34.022546035	3.4022546035e+1
246.33	34.023927269	3.4023927269e+1
246.34	34.025308502	3.4025308502e+1
246.35	34.026689736	3.4026689736e+1
246.36	34.02807097	3.402807097e+1
246.37	34.029452203	3.4029452203e+1
246.38	34.030833437	3.4030833437e+1

246.39	34.03221467	3.403221467e+1
246.4	34.033595904	3.4033595904e+1
246.41	34.034977138	3.4034977138e+1
246.42	34.036358371	3.4036358371e+1
246.43	34.037739605	3.4037739605e+1
246.44	34.039120838	3.4039120838e+1
246.45	34.040502072	3.4040502072e+1
246.46	34.041883306	3.4041883306e+1
246.47	34.043264539	3.4043264539e+1
246.48	34.044645773	3.4044645773e+1
246.49	34.046027006	3.4046027006e+1
246.5	34.04740824	3.404740824e+1
246.51	34.048789474	3.4048789474e+1
246.52	34.050170707	3.4050170707e+1
246.53	34.051551941	3.4051551941e+1
246.54	34.052933174	3.4052933174e+1
246.55	34.054314408	3.4054314408e+1
246.56	34.055695642	3.4055695642e+1
246.57	34.057076875	3.4057076875e+1
246.58	34.058458109	3.4058458109e+1
246.59	34.059839342	3.4059839342e+1
246.6	34.061220576	3.4061220576e+1
246.61	34.06260181	3.406260181e+1
246.62	34.063983043	3.4063983043e+1
246.63	34.065364277	3.4065364277e+1
246.64	34.06674551	3.406674551e+1
246.65	34.068126744	3.4068126744e+1
246.66	34.069507978	3.4069507978e+1
246.67	34.070889211	3.4070889211e+1
246.68	34.072270445	3.4072270445e+1
246.69	34.073651678	3.4073651678e+1
246.7	34.075032912	3.4075032912e+1
246.71	34.076414146	3.4076414146e+1
246.72	34.077795379	3.4077795379e+1
246.73	34.079176613	3.4079176613e+1
246.74	34.080557846	3.4080557846e+1
246.75	34.08193908	3.408193908e+1
246.76	34.083320314	3.4083320314e+1

246.77	34.084701547	3.4084701547e+1
246.78	34.086082781	3.4086082781e+1
246.79	34.087464014	3.4087464014e+1
246.8	34.088845248	3.4088845248e+1
246.81	34.090226482	3.4090226482e+1
246.82	34.091607715	3.4091607715e+1
246.83	34.092988949	3.4092988949e+1
246.84	34.094370182	3.4094370182e+1
246.85	34.095751416	3.4095751416e+1
246.86	34.09713265	3.409713265e+1
246.87	34.098513883	3.4098513883e+1
246.88	34.099895117	3.4099895117e+1
246.89	34.10127635	3.410127635e+1
246.9	34.102657584	3.4102657584e+1
246.91	34.104038818	3.4104038818e+1
246.92	34.105420051	3.4105420051e+1
246.93	34.106801285	3.4106801285e+1
246.94	34.108182518	3.4108182518e+1
246.95	34.109563752	3.4109563752e+1
246.96	34.110944986	3.4110944986e+1
246.97	34.112326219	3.4112326219e+1
246.98	34.113707453	3.4113707453e+1
246.99	34.115088686	3.4115088686e+1
247	34.11646992	3.411646992e+1
247.01	34.117851154	3.4117851154e+1
247.02	34.119232387	3.4119232387e+1
247.03	34.120613621	3.4120613621e+1
247.04	34.121994854	3.4121994854e+1
247.05	34.123376088	3.4123376088e+1
247.06	34.124757322	3.4124757322e+1
247.07	34.126138555	3.4126138555e+1
247.08	34.127519789	3.4127519789e+1
247.09	34.128901022	3.4128901022e+1
247.1	34.130282256	3.4130282256e+1
247.11	34.13166349	3.413166349e+1
247.12	34.133044723	3.4133044723e+1
247.13	34.134425957	3.4134425957e+1
247.14	34.13580719	3.413580719e+1

247.15	34.137188424	3.4137188424e+1
247.16	34.138569658	3.4138569658e+1
247.17	34.139950891	3.4139950891e+1
247.18	34.141332125	3.4141332125e+1
247.19	34.142713358	3.4142713358e+1
247.2	34.144094592	3.4144094592e+1
247.21	34.145475826	3.4145475826e+1
247.22	34.146857059	3.4146857059e+1
247.23	34.148238293	3.4148238293e+1
247.24	34.149619526	3.4149619526e+1
247.25	34.15100076	3.415100076e+1
247.26	34.152381994	3.4152381994e+1
247.27	34.153763227	3.4153763227e+1
247.28	34.155144461	3.4155144461e+1
247.29	34.156525694	3.4156525694e+1
247.3	34.157906928	3.4157906928e+1
247.31	34.159288162	3.4159288162e+1
247.32	34.160669395	3.4160669395e+1
247.33	34.162050629	3.4162050629e+1
247.34	34.163431862	3.4163431862e+1
247.35	34.164813096	3.4164813096e+1
247.36	34.16619433	3.416619433e+1
247.37	34.167575563	3.4167575563e+1
247.38	34.168956797	3.4168956797e+1
247.39	34.17033803	3.417033803e+1
247.4	34.171719264	3.4171719264e+1
247.41	34.173100498	3.4173100498e+1
247.42	34.174481731	3.4174481731e+1
247.43	34.175862965	3.4175862965e+1
247.44	34.177244198	3.4177244198e+1
247.45	34.178625432	3.4178625432e+1
247.46	34.180006666	3.4180006666e+1
247.47	34.181387899	3.4181387899e+1
247.48	34.182769133	3.4182769133e+1
247.49	34.184150366	3.4184150366e+1
247.5	34.1855316	3.41855316e+1
247.51	34.186912834	3.4186912834e+1
247.52	34.188294067	3.4188294067e+1

247.53	34.189675301	3.4189675301e+1
247.54	34.191056534	3.4191056534e+1
247.55	34.192437768	3.4192437768e+1
247.56	34.193819002	3.4193819002e+1
247.57	34.195200235	3.4195200235e+1
247.58	34.196581469	3.4196581469e+1
247.59	34.197962702	3.4197962702e+1
247.6	34.199343936	3.4199343936e+1
247.61	34.20072517	3.420072517e+1
247.62	34.202106403	3.4202106403e+1
247.63	34.203487637	3.4203487637e+1
247.64	34.20486887	3.420486887e+1
247.65	34.206250104	3.4206250104e+1
247.66	34.207631338	3.4207631338e+1
247.67	34.209012571	3.4209012571e+1
247.68	34.210393805	3.4210393805e+1
247.69	34.211775038	3.4211775038e+1
247.7	34.213156272	3.4213156272e+1
247.71	34.214537506	3.4214537506e+1
247.72	34.215918739	3.4215918739e+1
247.73	34.217299973	3.4217299973e+1
247.74	34.218681206	3.4218681206e+1
247.75	34.22006244	3.422006244e+1
247.76	34.221443674	3.4221443674e+1
247.77	34.222824907	3.4222824907e+1
247.78	34.224206141	3.4224206141e+1
247.79	34.225587374	3.4225587374e+1
247.8	34.226968608	3.4226968608e+1
247.81	34.228349842	3.4228349842e+1
247.82	34.229731075	3.4229731075e+1
247.83	34.231112309	3.4231112309e+1
247.84	34.232493542	3.4232493542e+1
247.85	34.233874776	3.4233874776e+1
247.86	34.23525601	3.423525601e+1
247.87	34.236637243	3.4236637243e+1
247.88	34.238018477	3.4238018477e+1
247.89	34.23939971	3.423939971e+1
247.9	34.240780944	3.4240780944e+1

247.91	34.242162178	3.4242162178e+1
247.92	34.243543411	3.4243543411e+1
247.93	34.244924645	3.4244924645e+1
247.94	34.246305878	3.4246305878e+1
247.95	34.247687112	3.4247687112e+1
247.96	34.249068346	3.4249068346e+1
247.97	34.250449579	3.4250449579e+1
247.98	34.251830813	3.4251830813e+1
247.99	34.253212046	3.4253212046e+1
248	34.25459328	3.425459328e+1
248.01	34.255974514	3.4255974514e+1
248.02	34.257355747	3.4257355747e+1
248.03	34.258736981	3.4258736981e+1
248.04	34.260118214	3.4260118214e+1
248.05	34.261499448	3.4261499448e+1
248.06	34.262880682	3.4262880682e+1
248.07	34.264261915	3.4264261915e+1
248.08	34.265643149	3.4265643149e+1
248.09	34.267024382	3.4267024382e+1
248.1	34.268405616	3.4268405616e+1
248.11	34.26978685	3.426978685e+1
248.12	34.271168083	3.4271168083e+1
248.13	34.272549317	3.4272549317e+1
248.14	34.27393055	3.427393055e+1
248.15	34.275311784	3.4275311784e+1
248.16	34.276693018	3.4276693018e+1
248.17	34.278074251	3.4278074251e+1
248.18	34.279455485	3.4279455485e+1
248.19	34.280836718	3.4280836718e+1
248.2	34.282217952	3.4282217952e+1
248.21	34.283599186	3.4283599186e+1
248.22	34.284980419	3.4284980419e+1
248.23	34.286361653	3.4286361653e+1
248.24	34.287742886	3.4287742886e+1
248.25	34.28912412	3.428912412e+1
248.26	34.290505354	3.4290505354e+1
248.27	34.291886587	3.4291886587e+1
248.28	34.293267821	3.4293267821e+1

248.29	34.294649054	3.4294649054e+1
248.3	34.296030288	3.4296030288e+1
248.31	34.297411522	3.4297411522e+1
248.32	34.298792755	3.4298792755e+1
248.33	34.300173989	3.4300173989e+1
248.34	34.301555222	3.4301555222e+1
248.35	34.302936456	3.4302936456e+1
248.36	34.30431769	3.430431769e+1
248.37	34.305698923	3.4305698923e+1
248.38	34.307080157	3.4307080157e+1
248.39	34.30846139	3.430846139e+1
248.4	34.309842624	3.4309842624e+1
248.41	34.311223858	3.4311223858e+1
248.42	34.312605091	3.4312605091e+1
248.43	34.313986325	3.4313986325e+1
248.44	34.315367558	3.4315367558e+1
248.45	34.316748792	3.4316748792e+1
248.46	34.318130026	3.4318130026e+1
248.47	34.319511259	3.4319511259e+1
248.48	34.320892493	3.4320892493e+1
248.49	34.322273726	3.4322273726e+1
248.5	34.32365496	3.432365496e+1
248.51	34.325036194	3.4325036194e+1
248.52	34.326417427	3.4326417427e+1
248.53	34.327798661	3.4327798661e+1
248.54	34.329179894	3.4329179894e+1
248.55	34.330561128	3.4330561128e+1
248.56	34.331942362	3.4331942362e+1
248.57	34.333323595	3.433323595e+1
248.58	34.334704829	3.4334704829e+1
248.59	34.336086062	3.4336086062e+1
248.6	34.337467296	3.4337467296e+1
248.61	34.33884853	3.433884853e+1
248.62	34.340229763	3.4340229763e+1
248.63	34.341610997	3.4341610997e+1
248.64	34.34299223	3.434299223e+1
248.65	34.344373464	3.4344373464e+1
248.66	34.345754698	3.4345754698e+1

248.67	34.347135931	3.4347135931e+1
248.68	34.348517165	3.4348517165e+1
248.69	34.349898398	3.4349898398e+1
248.7	34.351279632	3.4351279632e+1
248.71	34.352660866	3.4352660866e+1
248.72	34.354042099	3.4354042099e+1
248.73	34.355423333	3.4355423333e+1
248.74	34.356804566	3.4356804566e+1
248.75	34.3581858	3.43581858e+1
248.76	34.359567034	3.4359567034e+1
248.77	34.360948267	3.4360948267e+1
248.78	34.362329501	3.4362329501e+1
248.79	34.363710734	3.4363710734e+1
248.8	34.365091968	3.4365091968e+1
248.81	34.366473202	3.4366473202e+1
248.82	34.367854435	3.4367854435e+1
248.83	34.369235669	3.4369235669e+1
248.84	34.370616902	3.4370616902e+1
248.85	34.371998136	3.4371998136e+1
248.86	34.37337937	3.437337937e+1
248.87	34.374760603	3.4374760603e+1
248.88	34.376141837	3.4376141837e+1
248.89	34.37752307	3.437752307e+1
248.9	34.378904304	3.4378904304e+1
248.91	34.380285538	3.4380285538e+1
248.92	34.381666771	3.4381666771e+1
248.93	34.383048005	3.4383048005e+1
248.94	34.384429238	3.4384429238e+1
248.95	34.385810472	3.4385810472e+1
248.96	34.387191706	3.4387191706e+1
248.97	34.388572939	3.4388572939e+1
248.98	34.389954173	3.4389954173e+1
248.99	34.391335406	3.4391335406e+1
249	34.39271664	3.439271664e+1
249.01	34.394097874	3.4394097874e+1
249.02	34.395479107	3.4395479107e+1
249.03	34.396860341	3.4396860341e+1
249.04	34.398241574	3.4398241574e+1

249.05	34.399622808	3.4399622808e+1
249.06	34.401004042	3.4401004042e+1
249.07	34.402385275	3.4402385275e+1
249.08	34.403766509	3.4403766509e+1
249.09	34.405147742	3.4405147742e+1
249.1	34.406528976	3.4406528976e+1
249.11	34.40791021	3.440791021e+1
249.12	34.409291443	3.4409291443e+1
249.13	34.410672677	3.4410672677e+1
249.14	34.41205391	3.441205391e+1
249.15	34.413435144	3.4413435144e+1
249.16	34.414816378	3.4414816378e+1
249.17	34.416197611	3.4416197611e+1
249.18	34.417578845	3.4417578845e+1
249.19	34.418960078	3.4418960078e+1
249.2	34.420341312	3.4420341312e+1
249.21	34.421722546	3.4421722546e+1
249.22	34.423103779	3.4423103779e+1
249.23	34.424485013	3.4424485013e+1
249.24	34.425866246	3.4425866246e+1
249.25	34.42724748	3.442724748e+1
249.26	34.428628714	3.4428628714e+1
249.27	34.430009947	3.4430009947e+1
249.28	34.431391181	3.4431391181e+1
249.29	34.432772414	3.4432772414e+1
249.3	34.434153648	3.4434153648e+1
249.31	34.435534882	3.4435534882e+1
249.32	34.436916115	3.4436916115e+1
249.33	34.438297349	3.4438297349e+1
249.34	34.439678582	3.4439678582e+1
249.35	34.441059816	3.4441059816e+1
249.36	34.44244105	3.444244105e+1
249.37	34.443822283	3.4443822283e+1
249.38	34.445203517	3.4445203517e+1
249.39	34.44658475	3.444658475e+1
249.4	34.447965984	3.4447965984e+1
249.41	34.449347218	3.4449347218e+1
249.42	34.450728451	3.4450728451e+1

249.43	34.452109685	3.4452109685e+1
249.44	34.453490918	3.4453490918e+1
249.45	34.454872152	3.4454872152e+1
249.46	34.456253386	3.4456253386e+1
249.47	34.457634619	3.4457634619e+1
249.48	34.459015853	3.4459015853e+1
249.49	34.460397086	3.4460397086e+1
249.5	34.46177832	3.446177832e+1
249.51	34.463159554	3.4463159554e+1
249.52	34.464540787	3.4464540787e+1
249.53	34.465922021	3.4465922021e+1
249.54	34.467303254	3.4467303254e+1
249.55	34.468684488	3.4468684488e+1
249.56	34.470065722	3.4470065722e+1
249.57	34.471446955	3.4471446955e+1
249.58	34.472828189	3.4472828189e+1
249.59	34.474209422	3.4474209422e+1
249.6	34.475590656	3.4475590656e+1
249.61	34.47697189	3.447697189e+1
249.62	34.478353123	3.4478353123e+1
249.63	34.479734357	3.4479734357e+1
249.64	34.48111559	3.448111559e+1
249.65	34.482496824	3.4482496824e+1
249.66	34.483878058	3.4483878058e+1
249.67	34.485259291	3.4485259291e+1
249.68	34.486640525	3.4486640525e+1
249.69	34.488021758	3.4488021758e+1
249.7	34.489402992	3.4489402992e+1
249.71	34.490784226	3.4490784226e+1
249.72	34.492165459	3.4492165459e+1
249.73	34.493546693	3.4493546693e+1
249.74	34.494927926	3.4494927926e+1
249.75	34.49630916	3.449630916e+1
249.76	34.497690394	3.4497690394e+1
249.77	34.499071627	3.4499071627e+1
249.78	34.500452861	3.4500452861e+1
249.79	34.501834094	3.4501834094e+1
249.8	34.503215328	3.4503215328e+1

249.81	34.504596562	3.4504596562e+1
249.82	34.505977795	3.4505977795e+1
249.83	34.507359029	3.4507359029e+1
249.84	34.508740262	3.4508740262e+1
249.85	34.510121496	3.4510121496e+1
249.86	34.51150273	3.451150273e+1
249.87	34.512883963	3.4512883963e+1
249.88	34.514265197	3.4514265197e+1
249.89	34.51564643	3.451564643e+1
249.9	34.517027664	3.4517027664e+1
249.91	34.518408898	3.4518408898e+1
249.92	34.519790131	3.4519790131e+1
249.93	34.521171365	3.4521171365e+1
249.94	34.522552598	3.4522552598e+1
249.95	34.523933832	3.4523933832e+1
249.96	34.525315066	3.4525315066e+1
249.97	34.526696299	3.4526696299e+1
249.98	34.528077533	3.4528077533e+1
249.99	34.529458766	3.4529458766e+1
250	34.53084	3.453084e+1
250.01	34.532221234	3.4532221234e+1
250.02	34.533602467	3.4533602467e+1
250.03	34.534983701	3.4534983701e+1
250.04	34.536364934	3.4536364934e+1
250.05	34.537746168	3.4537746168e+1
250.06	34.539127402	3.4539127402e+1
250.07	34.540508635	3.4540508635e+1
250.08	34.541889869	3.4541889869e+1
250.09	34.543271102	3.4543271102e+1
250.1	34.544652336	3.4544652336e+1
250.11	34.54603357	3.454603357e+1
250.12	34.547414803	3.4547414803e+1
250.13	34.548796037	3.4548796037e+1
250.14	34.55017727	3.455017727e+1
250.15	34.551558504	3.4551558504e+1
250.16	34.552939738	3.4552939738e+1
250.17	34.554320971	3.4554320971e+1
250.18	34.555702205	3.4555702205e+1

250.19	34.557083438	3.4557083438e+1
250.2	34.558464672	3.4558464672e+1
250.21	34.559845906	3.4559845906e+1
250.22	34.561227139	3.4561227139e+1
250.23	34.562608373	3.4562608373e+1
250.24	34.563989606	3.4563989606e+1
250.25	34.56537084	3.456537084e+1
250.26	34.566752074	3.4566752074e+1
250.27	34.568133307	3.4568133307e+1
250.28	34.569514541	3.4569514541e+1
250.29	34.570895774	3.4570895774e+1
250.3	34.572277008	3.4572277008e+1
250.31	34.573658242	3.4573658242e+1
250.32	34.575039475	3.4575039475e+1
250.33	34.576420709	3.4576420709e+1
250.34	34.577801942	3.4577801942e+1
250.35	34.579183176	3.4579183176e+1
250.36	34.58056441	3.458056441e+1
250.37	34.581945643	3.4581945643e+1
250.38	34.583326877	3.4583326877e+1
250.39	34.58470811	3.458470811e+1
250.4	34.586089344	3.4586089344e+1
250.41	34.587470578	3.4587470578e+1
250.42	34.588851811	3.4588851811e+1
250.43	34.590233045	3.4590233045e+1
250.44	34.591614278	3.4591614278e+1
250.45	34.592995512	3.4592995512e+1
250.46	34.594376746	3.4594376746e+1
250.47	34.595757979	3.4595757979e+1
250.48	34.597139213	3.4597139213e+1
250.49	34.598520446	3.4598520446e+1
250.5	34.59990168	3.459990168e+1
250.51	34.601282914	3.4601282914e+1
250.52	34.602664147	3.4602664147e+1
250.53	34.604045381	3.4604045381e+1
250.54	34.605426614	3.4605426614e+1
250.55	34.606807848	3.4606807848e+1
250.56	34.608189082	3.4608189082e+1

250.57	34.609570315	3.4609570315e+1
250.58	34.610951549	3.4610951549e+1
250.59	34.612332782	3.4612332782e+1
250.6	34.613714016	3.4613714016e+1
250.61	34.61509525	3.461509525e+1
250.62	34.616476483	3.4616476483e+1
250.63	34.617857717	3.4617857717e+1
250.64	34.61923895	3.461923895e+1
250.65	34.620620184	3.4620620184e+1
250.66	34.622001418	3.4622001418e+1
250.67	34.623382651	3.4623382651e+1
250.68	34.624763885	3.4624763885e+1
250.69	34.626145118	3.4626145118e+1
250.7	34.627526352	3.4627526352e+1
250.71	34.628907586	3.4628907586e+1
250.72	34.630288819	3.4630288819e+1
250.73	34.631670053	3.4631670053e+1
250.74	34.633051286	3.4633051286e+1
250.75	34.63443252	3.463443252e+1
250.76	34.635813754	3.4635813754e+1
250.77	34.637194987	3.4637194987e+1
250.78	34.638576221	3.4638576221e+1
250.79	34.639957454	3.4639957454e+1
250.8	34.641338688	3.4641338688e+1
250.81	34.642719922	3.4642719922e+1
250.82	34.644101155	3.4644101155e+1
250.83	34.645482389	3.4645482389e+1
250.84	34.646863622	3.4646863622e+1
250.85	34.648244856	3.4648244856e+1
250.86	34.64962609	3.464962609e+1
250.87	34.651007323	3.4651007323e+1
250.88	34.652388557	3.4652388557e+1
250.89	34.65376979	3.465376979e+1
250.9	34.655151024	3.4655151024e+1
250.91	34.656532258	3.4656532258e+1
250.92	34.657913491	3.4657913491e+1
250.93	34.659294725	3.4659294725e+1
250.94	34.660675958	3.4660675958e+1

250.95	34.662057192	3.4662057192e+1
250.96	34.663438426	3.4663438426e+1
250.97	34.664819659	3.4664819659e+1
250.98	34.666200893	3.4666200893e+1
250.99	34.667582126	3.4667582126e+1
251	34.66896336	3.466896336e+1
251.01	34.670344594	3.4670344594e+1
251.02	34.671725827	3.4671725827e+1
251.03	34.673107061	3.4673107061e+1
251.04	34.674488294	3.4674488294e+1
251.05	34.675869528	3.4675869528e+1
251.06	34.677250762	3.4677250762e+1
251.07	34.678631995	3.4678631995e+1
251.08	34.680013229	3.4680013229e+1
251.09	34.681394462	3.4681394462e+1
251.1	34.682775696	3.4682775696e+1
251.11	34.68415693	3.468415693e+1
251.12	34.685538163	3.4685538163e+1
251.13	34.686919397	3.4686919397e+1
251.14	34.68830063	3.468830063e+1
251.15	34.689681864	3.4689681864e+1
251.16	34.691063098	3.4691063098e+1
251.17	34.692444331	3.4692444331e+1
251.18	34.693825565	3.4693825565e+1
251.19	34.695206798	3.4695206798e+1
251.2	34.696588032	3.4696588032e+1
251.21	34.697969266	3.4697969266e+1
251.22	34.699350499	3.4699350499e+1
251.23	34.700731733	3.4700731733e+1
251.24	34.702112966	3.4702112966e+1
251.25	34.7034942	3.47034942e+1
251.26	34.704875434	3.4704875434e+1
251.27	34.706256667	3.4706256667e+1
251.28	34.707637901	3.4707637901e+1
251.29	34.709019134	3.4709019134e+1
251.3	34.710400368	3.4710400368e+1
251.31	34.711781602	3.4711781602e+1
251.32	34.713162835	3.4713162835e+1

251.33	34.714544069	3.4714544069e+1
251.34	34.715925302	3.4715925302e+1
251.35	34.717306536	3.4717306536e+1
251.36	34.71868777	3.471868777e+1
251.37	34.720069003	3.4720069003e+1
251.38	34.721450237	3.4721450237e+1
251.39	34.72283147	3.472283147e+1
251.4	34.724212704	3.4724212704e+1
251.41	34.725593938	3.4725593938e+1
251.42	34.726975171	3.4726975171e+1
251.43	34.728356405	3.4728356405e+1
251.44	34.729737638	3.4729737638e+1
251.45	34.731118872	3.4731118872e+1
251.46	34.732500106	3.4732500106e+1
251.47	34.733881339	3.4733881339e+1
251.48	34.735262573	3.4735262573e+1
251.49	34.736643806	3.4736643806e+1
251.5	34.73802504	3.473802504e+1
251.51	34.739406274	3.4739406274e+1
251.52	34.740787507	3.4740787507e+1
251.53	34.742168741	3.4742168741e+1
251.54	34.743549974	3.4743549974e+1
251.55	34.744931208	3.4744931208e+1
251.56	34.746312442	3.4746312442e+1
251.57	34.747693675	3.4747693675e+1
251.58	34.749074909	3.4749074909e+1
251.59	34.750456142	3.4750456142e+1
251.6	34.751837376	3.4751837376e+1
251.61	34.75321861	3.475321861e+1
251.62	34.754599843	3.4754599843e+1
251.63	34.755981077	3.4755981077e+1
251.64	34.75736231	3.475736231e+1
251.65	34.758743544	3.4758743544e+1
251.66	34.760124778	3.4760124778e+1
251.67	34.761506011	3.4761506011e+1
251.68	34.762887245	3.4762887245e+1
251.69	34.764268478	3.4764268478e+1
251.7	34.765649712	3.4765649712e+1

251.71	34.767030946	3.4767030946e+1
251.72	34.768412179	3.4768412179e+1
251.73	34.769793413	3.4769793413e+1
251.74	34.771174646	3.4771174646e+1
251.75	34.77255588	3.477255588e+1
251.76	34.773937114	3.4773937114e+1
251.77	34.775318347	3.4775318347e+1
251.78	34.776699581	3.4776699581e+1
251.79	34.778080814	3.4778080814e+1
251.8	34.779462048	3.4779462048e+1
251.81	34.780843282	3.4780843282e+1
251.82	34.782224515	3.4782224515e+1
251.83	34.783605749	3.4783605749e+1
251.84	34.784986982	3.4784986982e+1
251.85	34.786368216	3.4786368216e+1
251.86	34.78774945	3.478774945e+1
251.87	34.789130683	3.4789130683e+1
251.88	34.790511917	3.4790511917e+1
251.89	34.79189315	3.479189315e+1
251.9	34.793274384	3.4793274384e+1
251.91	34.794655618	3.4794655618e+1
251.92	34.796036851	3.4796036851e+1
251.93	34.797418085	3.4797418085e+1
251.94	34.798799318	3.4798799318e+1
251.95	34.800180552	3.4800180552e+1
251.96	34.801561786	3.4801561786e+1
251.97	34.802943019	3.4802943019e+1
251.98	34.804324253	3.4804324253e+1
251.99	34.805705486	3.4805705486e+1
252	34.80708672	3.480708672e+1
252.01	34.808467954	3.4808467954e+1
252.02	34.809849187	3.4809849187e+1
252.03	34.811230421	3.4811230421e+1
252.04	34.812611654	3.4812611654e+1
252.05	34.813992888	3.4813992888e+1
252.06	34.815374122	3.4815374122e+1
252.07	34.816755355	3.4816755355e+1
252.08	34.818136589	3.4818136589e+1

252.09	34.819517822	3.4819517822e+1
252.1	34.820899056	3.4820899056e+1
252.11	34.82228029	3.482228029e+1
252.12	34.823661523	3.4823661523e+1
252.13	34.825042757	3.4825042757e+1
252.14	34.82642399	3.482642399e+1
252.15	34.827805224	3.4827805224e+1
252.16	34.829186458	3.4829186458e+1
252.17	34.830567691	3.4830567691e+1
252.18	34.831948925	3.4831948925e+1
252.19	34.833330158	3.4833330158e+1
252.2	34.834711392	3.4834711392e+1
252.21	34.836092626	3.4836092626e+1
252.22	34.837473859	3.4837473859e+1
252.23	34.838855093	3.4838855093e+1
252.24	34.840236326	3.4840236326e+1
252.25	34.84161756	3.484161756e+1
252.26	34.842998794	3.4842998794e+1
252.27	34.844380027	3.4844380027e+1
252.28	34.845761261	3.4845761261e+1
252.29	34.847142494	3.4847142494e+1
252.3	34.848523728	3.4848523728e+1
252.31	34.849904962	3.4849904962e+1
252.32	34.851286195	3.4851286195e+1
252.33	34.852667429	3.4852667429e+1
252.34	34.854048662	3.4854048662e+1
252.35	34.855429896	3.4855429896e+1
252.36	34.85681113	3.485681113e+1
252.37	34.858192363	3.4858192363e+1
252.38	34.859573597	3.4859573597e+1
252.39	34.86095483	3.486095483e+1
252.4	34.862336064	3.4862336064e+1
252.41	34.863717298	3.4863717298e+1
252.42	34.865098531	3.4865098531e+1
252.43	34.866479765	3.4866479765e+1
252.44	34.867860998	3.4867860998e+1
252.45	34.869242232	3.4869242232e+1
252.46	34.870623466	3.4870623466e+1

252.47	34.872004699	3.4872004699e+1
252.48	34.873385933	3.4873385933e+1
252.49	34.874767166	3.4874767166e+1
252.5	34.8761484	3.48761484e+1
252.51	34.877529634	3.4877529634e+1
252.52	34.878910867	3.4878910867e+1
252.53	34.880292101	3.4880292101e+1
252.54	34.881673334	3.4881673334e+1
252.55	34.883054568	3.4883054568e+1
252.56	34.884435802	3.4884435802e+1
252.57	34.885817035	3.4885817035e+1
252.58	34.887198269	3.4887198269e+1
252.59	34.888579502	3.4888579502e+1
252.6	34.889960736	3.4889960736e+1
252.61	34.89134197	3.489134197e+1
252.62	34.892723203	3.4892723203e+1
252.63	34.894104437	3.4894104437e+1
252.64	34.89548567	3.489548567e+1
252.65	34.896866904	3.4896866904e+1
252.66	34.898248138	3.4898248138e+1
252.67	34.899629371	3.4899629371e+1
252.68	34.901010605	3.4901010605e+1
252.69	34.902391838	3.4902391838e+1
252.7	34.903773072	3.4903773072e+1
252.71	34.905154306	3.4905154306e+1
252.72	34.906535539	3.4906535539e+1
252.73	34.907916773	3.4907916773e+1
252.74	34.909298006	3.4909298006e+1
252.75	34.91067924	3.491067924e+1
252.76	34.912060474	3.4912060474e+1
252.77	34.913441707	3.4913441707e+1
252.78	34.914822941	3.4914822941e+1
252.79	34.916204174	3.4916204174e+1
252.8	34.917585408	3.4917585408e+1
252.81	34.918966642	3.4918966642e+1
252.82	34.920347875	3.4920347875e+1
252.83	34.921729109	3.4921729109e+1
252.84	34.923110342	3.4923110342e+1

252.85	34.924491576	3.4924491576e+1
252.86	34.92587281	3.492587281e+1
252.87	34.927254043	3.4927254043e+1
252.88	34.928635277	3.4928635277e+1
252.89	34.93001651	3.493001651e+1
252.9	34.931397744	3.4931397744e+1
252.91	34.932778978	3.4932778978e+1
252.92	34.934160211	3.4934160211e+1
252.93	34.935541445	3.4935541445e+1
252.94	34.936922678	3.4936922678e+1
252.95	34.938303912	3.4938303912e+1
252.96	34.939685146	3.4939685146e+1
252.97	34.941066379	3.4941066379e+1
252.98	34.942447613	3.4942447613e+1
252.99	34.943828846	3.4943828846e+1
253	34.94521008	3.494521008e+1
253.01	34.946591314	3.4946591314e+1
253.02	34.947972547	3.4947972547e+1
253.03	34.949353781	3.4949353781e+1
253.04	34.950735014	3.4950735014e+1
253.05	34.952116248	3.4952116248e+1
253.06	34.953497482	3.4953497482e+1
253.07	34.954878715	3.4954878715e+1
253.08	34.956259949	3.4956259949e+1
253.09	34.957641182	3.4957641182e+1
253.1	34.959022416	3.4959022416e+1
253.11	34.96040365	3.496040365e+1
253.12	34.961784883	3.4961784883e+1
253.13	34.963166117	3.4963166117e+1
253.14	34.96454735	3.496454735e+1
253.15	34.965928584	3.4965928584e+1
253.16	34.967309818	3.4967309818e+1
253.17	34.968691051	3.4968691051e+1
253.18	34.970072285	3.4970072285e+1
253.19	34.971453518	3.4971453518e+1
253.2	34.972834752	3.4972834752e+1
253.21	34.974215986	3.4974215986e+1
253.22	34.975597219	3.4975597219e+1

253.23	34.976978453	3.4976978453e+1
253.24	34.978359686	3.4978359686e+1
253.25	34.97974092	3.497974092e+1
253.26	34.981122154	3.4981122154e+1
253.27	34.982503387	3.4982503387e+1
253.28	34.983884621	3.4983884621e+1
253.29	34.985265854	3.4985265854e+1
253.3	34.986647088	3.4986647088e+1
253.31	34.988028322	3.4988028322e+1
253.32	34.989409555	3.4989409555e+1
253.33	34.990790789	3.4990790789e+1
253.34	34.992172022	3.4992172022e+1
253.35	34.993553256	3.4993553256e+1
253.36	34.99493449	3.499493449e+1
253.37	34.996315723	3.4996315723e+1
253.38	34.997696957	3.4997696957e+1
253.39	34.99907819	3.499907819e+1
253.4	35.000459424	3.5000459424e+1
253.41	35.001840658	3.5001840658e+1
253.42	35.003221891	3.5003221891e+1
253.43	35.004603125	3.5004603125e+1
253.44	35.005984358	3.5005984358e+1
253.45	35.007365592	3.5007365592e+1
253.46	35.008746826	3.5008746826e+1
253.47	35.010128059	3.5010128059e+1
253.48	35.011509293	3.5011509293e+1
253.49	35.012890526	3.5012890526e+1
253.5	35.01427176	3.501427176e+1
253.51	35.015652994	3.5015652994e+1
253.52	35.017034227	3.5017034227e+1
253.53	35.018415461	3.5018415461e+1
253.54	35.019796694	3.5019796694e+1
253.55	35.021177928	3.5021177928e+1
253.56	35.022559162	3.5022559162e+1
253.57	35.023940395	3.5023940395e+1
253.58	35.025321629	3.5025321629e+1
253.59	35.026702862	3.5026702862e+1
253.6	35.028084096	3.5028084096e+1

253.61	35.02946533	3.502946533e+1
253.62	35.030846563	3.5030846563e+1
253.63	35.032227797	3.5032227797e+1
253.64	35.03360903	3.503360903e+1
253.65	35.034990264	3.5034990264e+1
253.66	35.036371498	3.5036371498e+1
253.67	35.037752731	3.5037752731e+1
253.68	35.039133965	3.5039133965e+1
253.69	35.040515198	3.5040515198e+1
253.7	35.041896432	3.5041896432e+1
253.71	35.043277666	3.5043277666e+1
253.72	35.044658899	3.5044658899e+1
253.73	35.046040133	3.5046040133e+1
253.74	35.047421366	3.5047421366e+1
253.75	35.0488026	3.50488026e+1
253.76	35.050183834	3.5050183834e+1
253.77	35.051565067	3.5051565067e+1
253.78	35.052946301	3.5052946301e+1
253.79	35.054327534	3.5054327534e+1
253.8	35.055708768	3.5055708768e+1
253.81	35.057090002	3.5057090002e+1
253.82	35.058471235	3.5058471235e+1
253.83	35.059852469	3.5059852469e+1
253.84	35.061233702	3.5061233702e+1
253.85	35.062614936	3.5062614936e+1
253.86	35.06399617	3.506399617e+1
253.87	35.065377403	3.5065377403e+1
253.88	35.066758637	3.5066758637e+1
253.89	35.06813987	3.506813987e+1
253.9	35.069521104	3.5069521104e+1
253.91	35.070902338	3.5070902338e+1
253.92	35.072283571	3.5072283571e+1
253.93	35.073664805	3.5073664805e+1
253.94	35.075046038	3.5075046038e+1
253.95	35.076427272	3.5076427272e+1
253.96	35.077808506	3.5077808506e+1
253.97	35.079189739	3.5079189739e+1
253.98	35.080570973	3.5080570973e+1

253.99	35.081952206	3.5081952206e+1
254	35.08333344	3.508333344e+1
254.01	35.084714674	3.5084714674e+1
254.02	35.086095907	3.5086095907e+1
254.03	35.087477141	3.5087477141e+1
254.04	35.088858374	3.5088858374e+1
254.05	35.090239608	3.5090239608e+1
254.06	35.091620842	3.5091620842e+1
254.07	35.093002075	3.5093002075e+1
254.08	35.094383309	3.5094383309e+1
254.09	35.095764542	3.5095764542e+1
254.1	35.097145776	3.5097145776e+1
254.11	35.09852701	3.509852701e+1
254.12	35.099908243	3.5099908243e+1
254.13	35.101289477	3.5101289477e+1
254.14	35.10267071	3.510267071e+1
254.15	35.104051944	3.5104051944e+1
254.16	35.105433178	3.5105433178e+1
254.17	35.106814411	3.5106814411e+1
254.18	35.108195645	3.5108195645e+1
254.19	35.109576878	3.5109576878e+1
254.2	35.110958112	3.5110958112e+1
254.21	35.112339346	3.5112339346e+1
254.22	35.113720579	3.5113720579e+1
254.23	35.115101813	3.5115101813e+1
254.24	35.116483046	3.5116483046e+1
254.25	35.11786428	3.511786428e+1
254.26	35.119245514	3.5119245514e+1
254.27	35.120626747	3.5120626747e+1
254.28	35.122007981	3.5122007981e+1
254.29	35.123389214	3.5123389214e+1
254.3	35.124770448	3.5124770448e+1
254.31	35.126151682	3.5126151682e+1
254.32	35.127532915	3.5127532915e+1
254.33	35.128914149	3.5128914149e+1
254.34	35.130295382	3.5130295382e+1
254.35	35.131676616	3.5131676616e+1
254.36	35.13305785	3.513305785e+1

254.37	35.134439083	3.5134439083e+1
254.38	35.135820317	3.5135820317e+1
254.39	35.13720155	3.513720155e+1
254.4	35.138582784	3.5138582784e+1
254.41	35.139964018	3.5139964018e+1
254.42	35.141345251	3.5141345251e+1
254.43	35.142726485	3.5142726485e+1
254.44	35.144107718	3.5144107718e+1
254.45	35.145488952	3.5145488952e+1
254.46	35.146870186	3.5146870186e+1
254.47	35.148251419	3.5148251419e+1
254.48	35.149632653	3.5149632653e+1
254.49	35.151013886	3.5151013886e+1
254.5	35.15239512	3.515239512e+1
254.51	35.153776354	3.5153776354e+1
254.52	35.155157587	3.5155157587e+1
254.53	35.156538821	3.5156538821e+1
254.54	35.157920054	3.5157920054e+1
254.55	35.159301288	3.5159301288e+1
254.56	35.160682522	3.5160682522e+1
254.57	35.162063755	3.5162063755e+1
254.58	35.163444989	3.5163444989e+1
254.59	35.164826222	3.5164826222e+1
254.6	35.166207456	3.5166207456e+1
254.61	35.16758869	3.516758869e+1
254.62	35.168969923	3.5168969923e+1
254.63	35.170351157	3.5170351157e+1
254.64	35.17173239	3.517173239e+1
254.65	35.173113624	3.5173113624e+1
254.66	35.174494858	3.5174494858e+1
254.67	35.175876091	3.5175876091e+1
254.68	35.177257325	3.5177257325e+1
254.69	35.178638558	3.5178638558e+1
254.7	35.180019792	3.5180019792e+1
254.71	35.181401026	3.5181401026e+1
254.72	35.182782259	3.5182782259e+1
254.73	35.184163493	3.5184163493e+1
254.74	35.185544726	3.5185544726e+1

254.75	35.18692596	3.518692596e+1
254.76	35.188307194	3.5188307194e+1
254.77	35.189688427	3.5189688427e+1
254.78	35.191069661	3.5191069661e+1
254.79	35.192450894	3.5192450894e+1
254.8	35.193832128	3.5193832128e+1
254.81	35.195213362	3.5195213362e+1
254.82	35.196594595	3.5196594595e+1
254.83	35.197975829	3.5197975829e+1
254.84	35.199357062	3.5199357062e+1
254.85	35.200738296	3.5200738296e+1
254.86	35.20211953	3.520211953e+1
254.87	35.203500763	3.5203500763e+1
254.88	35.204881997	3.5204881997e+1
254.89	35.20626323	3.520626323e+1
254.9	35.207644464	3.5207644464e+1
254.91	35.209025698	3.5209025698e+1
254.92	35.210406931	3.5210406931e+1
254.93	35.211788165	3.5211788165e+1
254.94	35.213169398	3.5213169398e+1
254.95	35.214550632	3.5214550632e+1
254.96	35.215931866	3.5215931866e+1
254.97	35.217313099	3.5217313099e+1
254.98	35.218694333	3.5218694333e+1
254.99	35.220075566	3.5220075566e+1
255	35.2214568	3.52214568e+1
255.01	35.222838034	3.5222838034e+1
255.02	35.224219267	3.5224219267e+1
255.03	35.225600501	3.5225600501e+1
255.04	35.226981734	3.5226981734e+1
255.05	35.228362968	3.5228362968e+1
255.06	35.229744202	3.5229744202e+1
255.07	35.231125435	3.5231125435e+1
255.08	35.232506669	3.5232506669e+1
255.09	35.233887902	3.5233887902e+1
255.1	35.235269136	3.5235269136e+1
255.11	35.23665037	3.523665037e+1
255.12	35.238031603	3.5238031603e+1

255.13	35.239412837	3.5239412837e+1
255.14	35.24079407	3.524079407e+1
255.15	35.242175304	3.5242175304e+1
255.16	35.243556538	3.5243556538e+1
255.17	35.244937771	3.5244937771e+1
255.18	35.246319005	3.5246319005e+1
255.19	35.247700238	3.5247700238e+1
255.2	35.249081472	3.5249081472e+1
255.21	35.250462706	3.5250462706e+1
255.22	35.251843939	3.5251843939e+1
255.23	35.253225173	3.5253225173e+1
255.24	35.254606406	3.5254606406e+1
255.25	35.25598764	3.525598764e+1
255.26	35.257368874	3.5257368874e+1
255.27	35.258750107	3.5258750107e+1
255.28	35.260131341	3.5260131341e+1
255.29	35.261512574	3.5261512574e+1
255.3	35.262893808	3.5262893808e+1
255.31	35.264275042	3.5264275042e+1
255.32	35.265656275	3.5265656275e+1
255.33	35.267037509	3.5267037509e+1
255.34	35.268418742	3.5268418742e+1
255.35	35.269799976	3.5269799976e+1
255.36	35.27118121	3.527118121e+1
255.37	35.272562443	3.5272562443e+1
255.38	35.273943677	3.5273943677e+1
255.39	35.27532491	3.527532491e+1
255.4	35.276706144	3.5276706144e+1
255.41	35.278087378	3.5278087378e+1
255.42	35.279468611	3.5279468611e+1
255.43	35.280849845	3.5280849845e+1
255.44	35.282231078	3.5282231078e+1
255.45	35.283612312	3.5283612312e+1
255.46	35.284993546	3.5284993546e+1
255.47	35.286374779	3.5286374779e+1
255.48	35.287756013	3.5287756013e+1
255.49	35.289137246	3.5289137246e+1
255.5	35.29051848	3.529051848e+1

255.51	35.291899714	3.5291899714e+1
255.52	35.293280947	3.5293280947e+1
255.53	35.294662181	3.5294662181e+1
255.54	35.296043414	3.5296043414e+1
255.55	35.297424648	3.5297424648e+1
255.56	35.298805882	3.5298805882e+1
255.57	35.300187115	3.5300187115e+1
255.58	35.301568349	3.5301568349e+1
255.59	35.302949582	3.5302949582e+1
255.6	35.304330816	3.5304330816e+1
255.61	35.30571205	3.530571205e+1
255.62	35.307093283	3.5307093283e+1
255.63	35.308474517	3.5308474517e+1
255.64	35.30985575	3.530985575e+1
255.65	35.311236984	3.5311236984e+1
255.66	35.312618218	3.5312618218e+1
255.67	35.313999451	3.5313999451e+1
255.68	35.315380685	3.5315380685e+1
255.69	35.316761918	3.5316761918e+1
255.7	35.318143152	3.5318143152e+1
255.71	35.319524386	3.5319524386e+1
255.72	35.320905619	3.5320905619e+1
255.73	35.322286853	3.5322286853e+1
255.74	35.323668086	3.5323668086e+1
255.75	35.32504932	3.532504932e+1
255.76	35.326430554	3.5326430554e+1
255.77	35.327811787	3.5327811787e+1
255.78	35.329193021	3.5329193021e+1
255.79	35.330574254	3.5330574254e+1
255.8	35.331955488	3.5331955488e+1
255.81	35.333336722	3.5333336722e+1
255.82	35.334717955	3.5334717955e+1
255.83	35.336099189	3.5336099189e+1
255.84	35.337480422	3.5337480422e+1
255.85	35.338861656	3.5338861656e+1
255.86	35.34024289	3.534024289e+1
255.87	35.341624123	3.5341624123e+1
255.88	35.343005357	3.5343005357e+1

255.89	35.34438659	3.534438659e+1
255.9	35.345767824	3.5345767824e+1
255.91	35.347149058	3.5347149058e+1
255.92	35.348530291	3.5348530291e+1
255.93	35.349911525	3.5349911525e+1
255.94	35.351292758	3.5351292758e+1
255.95	35.352673992	3.5352673992e+1
255.96	35.354055226	3.5354055226e+1
255.97	35.355436459	3.5355436459e+1
255.98	35.356817693	3.5356817693e+1
255.99	35.358198926	3.5358198926e+1
256	35.35958016	3.535958016e+1
256.01	35.360961394	3.5360961394e+1
256.02	35.362342627	3.5362342627e+1
256.03	35.363723861	3.5363723861e+1
256.04	35.365105094	3.5365105094e+1
256.05	35.366486328	3.5366486328e+1
256.06	35.367867562	3.5367867562e+1
256.07	35.369248795	3.5369248795e+1
256.08	35.370630029	3.5370630029e+1
256.09	35.372011262	3.5372011262e+1
256.1	35.373392496	3.5373392496e+1
256.11	35.37477373	3.537477373e+1
256.12	35.376154963	3.5376154963e+1
256.13	35.377536197	3.5377536197e+1
256.14	35.37891743	3.537891743e+1
256.15	35.380298664	3.5380298664e+1
256.16	35.381679898	3.5381679898e+1
256.17	35.383061131	3.5383061131e+1
256.18	35.384442365	3.5384442365e+1
256.19	35.385823598	3.5385823598e+1
256.2	35.387204832	3.5387204832e+1
256.21	35.388586066	3.5388586066e+1
256.22	35.389967299	3.5389967299e+1
256.23	35.391348533	3.5391348533e+1
256.24	35.392729766	3.5392729766e+1
256.25	35.394111	3.5394111e+1
256.26	35.395492234	3.5395492234e+1

256.27	35.396873467	3.5396873467e+1
256.28	35.398254701	3.5398254701e+1
256.29	35.399635934	3.5399635934e+1
256.3	35.401017168	3.5401017168e+1
256.31	35.402398402	3.5402398402e+1
256.32	35.403779635	3.5403779635e+1
256.33	35.405160869	3.5405160869e+1
256.34	35.406542102	3.5406542102e+1
256.35	35.407923336	3.5407923336e+1
256.36	35.40930457	3.540930457e+1
256.37	35.410685803	3.5410685803e+1
256.38	35.412067037	3.5412067037e+1
256.39	35.41344827	3.541344827e+1
256.4	35.414829504	3.5414829504e+1
256.41	35.416210738	3.5416210738e+1
256.42	35.417591971	3.5417591971e+1
256.43	35.418973205	3.5418973205e+1
256.44	35.420354438	3.5420354438e+1
256.45	35.421735672	3.5421735672e+1
256.46	35.423116906	3.5423116906e+1
256.47	35.424498139	3.5424498139e+1
256.48	35.425879373	3.5425879373e+1
256.49	35.427260606	3.5427260606e+1
256.5	35.42864184	3.542864184e+1
256.51	35.430023074	3.5430023074e+1
256.52	35.431404307	3.5431404307e+1
256.53	35.432785541	3.5432785541e+1
256.54	35.434166774	3.5434166774e+1
256.55	35.435548008	3.5435548008e+1
256.56	35.436929242	3.5436929242e+1
256.57	35.438310475	3.5438310475e+1
256.58	35.439691709	3.5439691709e+1
256.59	35.441072942	3.5441072942e+1
256.6	35.442454176	3.5442454176e+1
256.61	35.44383541	3.544383541e+1
256.62	35.445216643	3.5445216643e+1
256.63	35.446597877	3.5446597877e+1
256.64	35.44797911	3.544797911e+1

256.65	35.449360344	3.5449360344e+1
256.66	35.450741578	3.5450741578e+1
256.67	35.452122811	3.5452122811e+1
256.68	35.453504045	3.5453504045e+1
256.69	35.454885278	3.5454885278e+1
256.7	35.456266512	3.5456266512e+1
256.71	35.457647746	3.5457647746e+1
256.72	35.459028979	3.5459028979e+1
256.73	35.460410213	3.5460410213e+1
256.74	35.461791446	3.5461791446e+1
256.75	35.46317268	3.546317268e+1
256.76	35.464553914	3.5464553914e+1
256.77	35.465935147	3.5465935147e+1
256.78	35.467316381	3.5467316381e+1
256.79	35.468697614	3.5468697614e+1
256.8	35.470078848	3.5470078848e+1
256.81	35.471460082	3.5471460082e+1
256.82	35.472841315	3.5472841315e+1
256.83	35.474222549	3.5474222549e+1
256.84	35.475603782	3.5475603782e+1
256.85	35.476985016	3.5476985016e+1
256.86	35.47836625	3.547836625e+1
256.87	35.479747483	3.5479747483e+1
256.88	35.481128717	3.5481128717e+1
256.89	35.48250995	3.548250995e+1
256.9	35.483891184	3.5483891184e+1
256.91	35.485272418	3.5485272418e+1
256.92	35.486653651	3.5486653651e+1
256.93	35.488034885	3.5488034885e+1
256.94	35.489416118	3.5489416118e+1
256.95	35.490797352	3.5490797352e+1
256.96	35.492178586	3.5492178586e+1
256.97	35.493559819	3.5493559819e+1
256.98	35.494941053	3.5494941053e+1
256.99	35.496322286	3.5496322286e+1
257	35.49770352	3.549770352e+1
257.01	35.499084754	3.5499084754e+1
257.02	35.500465987	3.5500465987e+1

257.03	35.501847221	3.5501847221e+1
257.04	35.503228454	3.5503228454e+1
257.05	35.504609688	3.5504609688e+1
257.06	35.505990922	3.5505990922e+1
257.07	35.507372155	3.5507372155e+1
257.08	35.508753389	3.5508753389e+1
257.09	35.510134622	3.5510134622e+1
257.1	35.511515856	3.5511515856e+1
257.11	35.51289709	3.551289709e+1
257.12	35.514278323	3.5514278323e+1
257.13	35.515659557	3.5515659557e+1
257.14	35.51704079	3.551704079e+1
257.15	35.518422024	3.5518422024e+1
257.16	35.519803258	3.5519803258e+1
257.17	35.521184491	3.5521184491e+1
257.18	35.522565725	3.5522565725e+1
257.19	35.523946958	3.5523946958e+1
257.2	35.525328192	3.5525328192e+1
257.21	35.526709426	3.5526709426e+1
257.22	35.528090659	3.5528090659e+1
257.23	35.529471893	3.5529471893e+1
257.24	35.530853126	3.5530853126e+1
257.25	35.53223436	3.553223436e+1
257.26	35.533615594	3.5533615594e+1
257.27	35.534996827	3.5534996827e+1
257.28	35.536378061	3.5536378061e+1
257.29	35.537759294	3.5537759294e+1
257.3	35.539140528	3.5539140528e+1
257.31	35.540521762	3.5540521762e+1
257.32	35.541902995	3.5541902995e+1
257.33	35.543284229	3.5543284229e+1
257.34	35.544665462	3.5544665462e+1
257.35	35.546046696	3.5546046696e+1
257.36	35.54742793	3.554742793e+1
257.37	35.548809163	3.5548809163e+1
257.38	35.550190397	3.5550190397e+1
257.39	35.55157163	3.555157163e+1
257.4	35.552952864	3.5552952864e+1

257.41	35.554334098	3.5554334098e+1
257.42	35.555715331	3.5555715331e+1
257.43	35.557096565	3.5557096565e+1
257.44	35.558477798	3.5558477798e+1
257.45	35.559859032	3.5559859032e+1
257.46	35.561240266	3.5561240266e+1
257.47	35.562621499	3.5562621499e+1
257.48	35.564002733	3.5564002733e+1
257.49	35.565383966	3.5565383966e+1
257.5	35.5667652	3.55667652e+1
257.51	35.568146434	3.5568146434e+1
257.52	35.569527667	3.5569527667e+1
257.53	35.570908901	3.5570908901e+1
257.54	35.572290134	3.5572290134e+1
257.55	35.573671368	3.5573671368e+1
257.56	35.575052602	3.5575052602e+1
257.57	35.576433835	3.5576433835e+1
257.58	35.577815069	3.5577815069e+1
257.59	35.579196302	3.5579196302e+1
257.6	35.580577536	3.5580577536e+1
257.61	35.58195877	3.558195877e+1
257.62	35.583340003	3.5583340003e+1
257.63	35.584721237	3.5584721237e+1
257.64	35.58610247	3.558610247e+1
257.65	35.587483704	3.5587483704e+1
257.66	35.588864938	3.5588864938e+1
257.67	35.590246171	3.5590246171e+1
257.68	35.591627405	3.5591627405e+1
257.69	35.593008638	3.5593008638e+1
257.7	35.594389872	3.5594389872e+1
257.71	35.595771106	3.5595771106e+1
257.72	35.597152339	3.5597152339e+1
257.73	35.598533573	3.5598533573e+1
257.74	35.599914806	3.5599914806e+1
257.75	35.60129604	3.560129604e+1
257.76	35.602677274	3.5602677274e+1
257.77	35.604058507	3.5604058507e+1
257.78	35.605439741	3.5605439741e+1

257.79	35.606820974	3.5606820974e+1
257.8	35.608202208	3.5608202208e+1
257.81	35.609583442	3.5609583442e+1
257.82	35.610964675	3.5610964675e+1
257.83	35.612345909	3.5612345909e+1
257.84	35.613727142	3.5613727142e+1
257.85	35.615108376	3.5615108376e+1
257.86	35.61648961	3.561648961e+1
257.87	35.617870843	3.5617870843e+1
257.88	35.619252077	3.5619252077e+1
257.89	35.62063331	3.562063331e+1
257.9	35.622014544	3.5622014544e+1
257.91	35.623395778	3.5623395778e+1
257.92	35.624777011	3.5624777011e+1
257.93	35.626158245	3.5626158245e+1
257.94	35.627539478	3.5627539478e+1
257.95	35.628920712	3.5628920712e+1
257.96	35.630301946	3.5630301946e+1
257.97	35.631683179	3.5631683179e+1
257.98	35.633064413	3.5633064413e+1
257.99	35.634445646	3.5634445646e+1
258	35.63582688	3.563582688e+1
258.01	35.637208114	3.5637208114e+1
258.02	35.638589347	3.5638589347e+1
258.03	35.639970581	3.5639970581e+1
258.04	35.641351814	3.5641351814e+1
258.05	35.642733048	3.5642733048e+1
258.06	35.644114282	3.5644114282e+1
258.07	35.645495515	3.5645495515e+1
258.08	35.646876749	3.5646876749e+1
258.09	35.648257982	3.5648257982e+1
258.1	35.649639216	3.5649639216e+1
258.11	35.65102045	3.565102045e+1
258.12	35.652401683	3.5652401683e+1
258.13	35.653782917	3.5653782917e+1
258.14	35.65516415	3.565516415e+1
258.15	35.656545384	3.5656545384e+1
258.16	35.657926618	3.5657926618e+1

258.17	35.659307851	3.5659307851e+1
258.18	35.660689085	3.5660689085e+1
258.19	35.662070318	3.5662070318e+1
258.2	35.663451552	3.5663451552e+1
258.21	35.664832786	3.5664832786e+1
258.22	35.666214019	3.5666214019e+1
258.23	35.667595253	3.5667595253e+1
258.24	35.668976486	3.5668976486e+1
258.25	35.67035772	3.567035772e+1
258.26	35.671738954	3.5671738954e+1
258.27	35.673120187	3.5673120187e+1
258.28	35.674501421	3.5674501421e+1
258.29	35.675882654	3.5675882654e+1
258.3	35.677263888	3.5677263888e+1
258.31	35.678645122	3.5678645122e+1
258.32	35.680026355	3.5680026355e+1
258.33	35.681407589	3.5681407589e+1
258.34	35.682788822	3.5682788822e+1
258.35	35.684170056	3.5684170056e+1
258.36	35.68555129	3.568555129e+1
258.37	35.686932523	3.5686932523e+1
258.38	35.688313757	3.5688313757e+1
258.39	35.68969499	3.568969499e+1
258.4	35.691076224	3.5691076224e+1
258.41	35.692457458	3.5692457458e+1
258.42	35.693838691	3.5693838691e+1
258.43	35.695219925	3.5695219925e+1
258.44	35.696601158	3.5696601158e+1
258.45	35.697982392	3.5697982392e+1
258.46	35.699363626	3.5699363626e+1
258.47	35.700744859	3.5700744859e+1
258.48	35.702126093	3.5702126093e+1
258.49	35.703507326	3.5703507326e+1
258.5	35.70488856	3.570488856e+1
258.51	35.706269794	3.5706269794e+1
258.52	35.707651027	3.5707651027e+1
258.53	35.709032261	3.5709032261e+1
258.54	35.710413494	3.5710413494e+1

258.55	35.711794728	3.5711794728e+1
258.56	35.713175962	3.5713175962e+1
258.57	35.714557195	3.5714557195e+1
258.58	35.715938429	3.5715938429e+1
258.59	35.717319662	3.5717319662e+1
258.6	35.718700896	3.5718700896e+1
258.61	35.72008213	3.572008213e+1
258.62	35.721463363	3.5721463363e+1
258.63	35.722844597	3.5722844597e+1
258.64	35.72422583	3.572422583e+1
258.65	35.725607064	3.5725607064e+1
258.66	35.726988298	3.5726988298e+1
258.67	35.728369531	3.5728369531e+1
258.68	35.729750765	3.5729750765e+1
258.69	35.731131998	3.5731131998e+1
258.7	35.732513232	3.5732513232e+1
258.71	35.733894466	3.5733894466e+1
258.72	35.735275699	3.5735275699e+1
258.73	35.736656933	3.5736656933e+1
258.74	35.738038166	3.5738038166e+1
258.75	35.7394194	3.57394194e+1
258.76	35.740800634	3.5740800634e+1
258.77	35.742181867	3.5742181867e+1
258.78	35.743563101	3.5743563101e+1
258.79	35.744944334	3.5744944334e+1
258.8	35.746325568	3.5746325568e+1
258.81	35.747706802	3.5747706802e+1
258.82	35.749088035	3.5749088035e+1
258.83	35.750469269	3.5750469269e+1
258.84	35.751850502	3.5751850502e+1
258.85	35.753231736	3.5753231736e+1
258.86	35.75461297	3.575461297e+1
258.87	35.755994203	3.5755994203e+1
258.88	35.757375437	3.5757375437e+1
258.89	35.75875667	3.575875667e+1
258.9	35.760137904	3.5760137904e+1
258.91	35.761519138	3.5761519138e+1
258.92	35.762900371	3.5762900371e+1

258.93	35.764281605	3.5764281605e+1
258.94	35.765662838	3.5765662838e+1
258.95	35.767044072	3.5767044072e+1
258.96	35.768425306	3.5768425306e+1
258.97	35.769806539	3.5769806539e+1
258.98	35.771187773	3.5771187773e+1
258.99	35.772569006	3.5772569006e+1
259	35.77395024	3.577395024e+1
259.01	35.775331474	3.5775331474e+1
259.02	35.776712707	3.5776712707e+1
259.03	35.778093941	3.5778093941e+1
259.04	35.779475174	3.5779475174e+1
259.05	35.780856408	3.5780856408e+1
259.06	35.782237642	3.5782237642e+1
259.07	35.783618875	3.5783618875e+1
259.08	35.785000109	3.5785000109e+1
259.09	35.786381342	3.5786381342e+1
259.1	35.787762576	3.5787762576e+1
259.11	35.78914381	3.578914381e+1
259.12	35.790525043	3.5790525043e+1
259.13	35.791906277	3.5791906277e+1
259.14	35.79328751	3.579328751e+1
259.15	35.794668744	3.5794668744e+1
259.16	35.796049978	3.5796049978e+1
259.17	35.797431211	3.5797431211e+1
259.18	35.798812445	3.5798812445e+1
259.19	35.800193678	3.5800193678e+1
259.2	35.801574912	3.5801574912e+1
259.21	35.802956146	3.5802956146e+1
259.22	35.804337379	3.5804337379e+1
259.23	35.805718613	3.5805718613e+1
259.24	35.807099846	3.5807099846e+1
259.25	35.80848108	3.580848108e+1
259.26	35.809862314	3.5809862314e+1
259.27	35.811243547	3.5811243547e+1
259.28	35.812624781	3.5812624781e+1
259.29	35.814006014	3.5814006014e+1
259.3	35.815387248	3.5815387248e+1

259.31	35.816768482	3.5816768482e+1
259.32	35.818149715	3.5818149715e+1
259.33	35.819530949	3.5819530949e+1
259.34	35.820912182	3.5820912182e+1
259.35	35.822293416	3.5822293416e+1
259.36	35.82367465	3.582367465e+1
259.37	35.825055883	3.5825055883e+1
259.38	35.826437117	3.5826437117e+1
259.39	35.82781835	3.582781835e+1
259.4	35.829199584	3.5829199584e+1
259.41	35.830580818	3.5830580818e+1
259.42	35.831962051	3.5831962051e+1
259.43	35.833343285	3.5833343285e+1
259.44	35.834724518	3.5834724518e+1
259.45	35.836105752	3.5836105752e+1
259.46	35.837486986	3.5837486986e+1
259.47	35.838868219	3.5838868219e+1
259.48	35.840249453	3.5840249453e+1
259.49	35.841630686	3.5841630686e+1
259.5	35.84301192	3.584301192e+1
259.51	35.844393154	3.5844393154e+1
259.52	35.845774387	3.5845774387e+1
259.53	35.847155621	3.5847155621e+1
259.54	35.848536854	3.5848536854e+1
259.55	35.849918088	3.5849918088e+1
259.56	35.851299322	3.5851299322e+1
259.57	35.852680555	3.5852680555e+1
259.58	35.854061789	3.5854061789e+1
259.59	35.855443022	3.5855443022e+1
259.6	35.856824256	3.5856824256e+1
259.61	35.85820549	3.585820549e+1
259.62	35.859586723	3.5859586723e+1
259.63	35.860967957	3.5860967957e+1
259.64	35.86234919	3.586234919e+1
259.65	35.863730424	3.5863730424e+1
259.66	35.865111658	3.5865111658e+1
259.67	35.866492891	3.5866492891e+1
259.68	35.867874125	3.5867874125e+1

259.69	35.869255358	3.5869255358e+1
259.7	35.870636592	3.5870636592e+1
259.71	35.872017826	3.5872017826e+1
259.72	35.873399059	3.5873399059e+1
259.73	35.874780293	3.5874780293e+1
259.74	35.876161526	3.5876161526e+1
259.75	35.87754276	3.587754276e+1
259.76	35.878923994	3.5878923994e+1
259.77	35.880305227	3.5880305227e+1
259.78	35.881686461	3.5881686461e+1
259.79	35.883067694	3.5883067694e+1
259.8	35.884448928	3.5884448928e+1
259.81	35.885830162	3.5885830162e+1
259.82	35.887211395	3.5887211395e+1
259.83	35.888592629	3.5888592629e+1
259.84	35.889973862	3.5889973862e+1
259.85	35.891355096	3.5891355096e+1
259.86	35.89273633	3.589273633e+1
259.87	35.894117563	3.5894117563e+1
259.88	35.895498797	3.5895498797e+1
259.89	35.89688003	3.589688003e+1
259.9	35.898261264	3.5898261264e+1
259.91	35.899642498	3.5899642498e+1
259.92	35.901023731	3.5901023731e+1
259.93	35.902404965	3.5902404965e+1
259.94	35.903786198	3.5903786198e+1
259.95	35.905167432	3.5905167432e+1
259.96	35.906548666	3.5906548666e+1
259.97	35.907929899	3.5907929899e+1
259.98	35.909311133	3.5909311133e+1
259.99	35.910692366	3.5910692366e+1
260	35.9120736	3.59120736e+1
260.01	35.913454834	3.5913454834e+1
260.02	35.914836067	3.5914836067e+1
260.03	35.916217301	3.5916217301e+1
260.04	35.917598534	3.5917598534e+1
260.05	35.918979768	3.5918979768e+1
260.06	35.920361002	3.5920361002e+1

260.07	35.921742235	3.5921742235e+1
260.08	35.923123469	3.5923123469e+1
260.09	35.924504702	3.5924504702e+1
260.1	35.925885936	3.5925885936e+1
260.11	35.92726717	3.592726717e+1
260.12	35.928648403	3.5928648403e+1
260.13	35.930029637	3.5930029637e+1
260.14	35.93141087	3.593141087e+1
260.15	35.932792104	3.5932792104e+1
260.16	35.934173338	3.5934173338e+1
260.17	35.935554571	3.5935554571e+1
260.18	35.936935805	3.5936935805e+1
260.19	35.938317038	3.5938317038e+1
260.2	35.939698272	3.5939698272e+1
260.21	35.941079506	3.5941079506e+1
260.22	35.942460739	3.5942460739e+1
260.23	35.943841973	3.5943841973e+1
260.24	35.945223206	3.5945223206e+1
260.25	35.94660444	3.594660444e+1
260.26	35.947985674	3.5947985674e+1
260.27	35.949366907	3.5949366907e+1
260.28	35.950748141	3.5950748141e+1
260.29	35.952129374	3.5952129374e+1
260.3	35.953510608	3.5953510608e+1
260.31	35.954891842	3.5954891842e+1
260.32	35.956273075	3.5956273075e+1
260.33	35.957654309	3.5957654309e+1
260.34	35.959035542	3.5959035542e+1
260.35	35.960416776	3.5960416776e+1
260.36	35.96179801	3.596179801e+1
260.37	35.963179243	3.5963179243e+1
260.38	35.964560477	3.5964560477e+1
260.39	35.96594171	3.596594171e+1
260.4	35.967322944	3.5967322944e+1
260.41	35.968704178	3.5968704178e+1
260.42	35.970085411	3.5970085411e+1
260.43	35.971466645	3.5971466645e+1
260.44	35.972847878	3.5972847878e+1

260.45	35.974229112	3.5974229112e+1
260.46	35.975610346	3.5975610346e+1
260.47	35.976991579	3.5976991579e+1
260.48	35.978372813	3.5978372813e+1
260.49	35.979754046	3.5979754046e+1
260.5	35.98113528	3.598113528e+1
260.51	35.982516514	3.5982516514e+1
260.52	35.983897747	3.5983897747e+1
260.53	35.985278981	3.5985278981e+1
260.54	35.986660214	3.5986660214e+1
260.55	35.988041448	3.5988041448e+1
260.56	35.989422682	3.5989422682e+1
260.57	35.990803915	3.5990803915e+1
260.58	35.992185149	3.5992185149e+1
260.59	35.993566382	3.5993566382e+1
260.6	35.994947616	3.5994947616e+1
260.61	35.99632885	3.599632885e+1
260.62	35.997710083	3.5997710083e+1
260.63	35.999091317	3.5999091317e+1
260.64	36.00047255	3.600047255e+1
260.65	36.001853784	3.6001853784e+1
260.66	36.003235018	3.6003235018e+1
260.67	36.004616251	3.6004616251e+1
260.68	36.005997485	3.6005997485e+1
260.69	36.007378718	3.6007378718e+1
260.7	36.008759952	3.6008759952e+1
260.71	36.010141186	3.6010141186e+1
260.72	36.011522419	3.6011522419e+1
260.73	36.012903653	3.6012903653e+1
260.74	36.014284886	3.6014284886e+1
260.75	36.01566612	3.601566612e+1
260.76	36.017047354	3.6017047354e+1
260.77	36.018428587	3.6018428587e+1
260.78	36.019809821	3.6019809821e+1
260.79	36.021191054	3.6021191054e+1
260.8	36.022572288	3.6022572288e+1
260.81	36.023953522	3.6023953522e+1
260.82	36.025334755	3.6025334755e+1

260.83	36.026715989	3.6026715989e+1
260.84	36.028097222	3.6028097222e+1
260.85	36.029478456	3.6029478456e+1
260.86	36.03085969	3.603085969e+1
260.87	36.032240923	3.6032240923e+1
260.88	36.033622157	3.6033622157e+1
260.89	36.03500339	3.603500339e+1
260.9	36.036384624	3.6036384624e+1
260.91	36.037765858	3.6037765858e+1
260.92	36.039147091	3.6039147091e+1
260.93	36.040528325	3.6040528325e+1
260.94	36.041909558	3.6041909558e+1
260.95	36.043290792	3.6043290792e+1
260.96	36.044672026	3.6044672026e+1
260.97	36.046053259	3.6046053259e+1
260.98	36.047434493	3.6047434493e+1
260.99	36.048815726	3.6048815726e+1
261	36.05019696	3.605019696e+1
261.01	36.051578194	3.6051578194e+1
261.02	36.052959427	3.6052959427e+1
261.03	36.054340661	3.6054340661e+1
261.04	36.055721894	3.6055721894e+1
261.05	36.057103128	3.6057103128e+1
261.06	36.058484362	3.6058484362e+1
261.07	36.059865595	3.6059865595e+1
261.08	36.061246829	3.6061246829e+1
261.09	36.062628062	3.6062628062e+1
261.1	36.064009296	3.6064009296e+1
261.11	36.06539053	3.606539053e+1
261.12	36.066771763	3.6066771763e+1
261.13	36.068152997	3.6068152997e+1
261.14	36.06953423	3.606953423e+1
261.15	36.070915464	3.6070915464e+1
261.16	36.072296698	3.6072296698e+1
261.17	36.073677931	3.6073677931e+1
261.18	36.075059165	3.6075059165e+1
261.19	36.076440398	3.6076440398e+1
261.2	36.077821632	3.6077821632e+1

261.21	36.079202866	3.6079202866e+1
261.22	36.080584099	3.6080584099e+1
261.23	36.081965333	3.6081965333e+1
261.24	36.083346566	3.6083346566e+1
261.25	36.0847278	3.60847278e+1
261.26	36.086109034	3.6086109034e+1
261.27	36.087490267	3.6087490267e+1
261.28	36.088871501	3.6088871501e+1
261.29	36.090252734	3.6090252734e+1
261.3	36.091633968	3.6091633968e+1
261.31	36.093015202	3.6093015202e+1
261.32	36.094396435	3.6094396435e+1
261.33	36.095777669	3.6095777669e+1
261.34	36.097158902	3.6097158902e+1
261.35	36.098540136	3.6098540136e+1
261.36	36.09992137	3.609992137e+1
261.37	36.101302603	3.6101302603e+1
261.38	36.102683837	3.6102683837e+1
261.39	36.10406507	3.610406507e+1
261.4	36.105446304	3.6105446304e+1
261.41	36.106827538	3.6106827538e+1
261.42	36.108208771	3.6108208771e+1
261.43	36.109590005	3.6109590005e+1
261.44	36.110971238	3.6110971238e+1
261.45	36.112352472	3.6112352472e+1
261.46	36.113733706	3.6113733706e+1
261.47	36.115114939	3.6115114939e+1
261.48	36.116496173	3.6116496173e+1
261.49	36.117877406	3.6117877406e+1
261.5	36.11925864	3.611925864e+1
261.51	36.120639874	3.6120639874e+1
261.52	36.122021107	3.6122021107e+1
261.53	36.123402341	3.6123402341e+1
261.54	36.124783574	3.6124783574e+1
261.55	36.126164808	3.6126164808e+1
261.56	36.127546042	3.6127546042e+1
261.57	36.128927275	3.6128927275e+1
261.58	36.130308509	3.6130308509e+1

261.59	36.131689742	3.6131689742e+1
261.6	36.133070976	3.6133070976e+1
261.61	36.13445221	3.613445221e+1
261.62	36.135833443	3.6135833443e+1
261.63	36.137214677	3.6137214677e+1
261.64	36.13859591	3.613859591e+1
261.65	36.139977144	3.6139977144e+1
261.66	36.141358378	3.6141358378e+1
261.67	36.142739611	3.6142739611e+1
261.68	36.144120845	3.6144120845e+1
261.69	36.145502078	3.6145502078e+1
261.7	36.146883312	3.6146883312e+1
261.71	36.148264546	3.6148264546e+1
261.72	36.149645779	3.6149645779e+1
261.73	36.151027013	3.6151027013e+1
261.74	36.152408246	3.6152408246e+1
261.75	36.15378948	3.615378948e+1
261.76	36.155170714	3.6155170714e+1
261.77	36.156551947	3.6156551947e+1
261.78	36.157933181	3.6157933181e+1
261.79	36.159314414	3.6159314414e+1
261.8	36.160695648	3.6160695648e+1
261.81	36.162076882	3.6162076882e+1
261.82	36.163458115	3.6163458115e+1
261.83	36.164839349	3.6164839349e+1
261.84	36.166220582	3.6166220582e+1
261.85	36.167601816	3.6167601816e+1
261.86	36.16898305	3.616898305e+1
261.87	36.170364283	3.6170364283e+1
261.88	36.171745517	3.6171745517e+1
261.89	36.17312675	3.617312675e+1
261.9	36.174507984	3.6174507984e+1
261.91	36.175889218	3.6175889218e+1
261.92	36.177270451	3.6177270451e+1
261.93	36.178651685	3.6178651685e+1
261.94	36.180032918	3.6180032918e+1
261.95	36.181414152	3.6181414152e+1
261.96	36.182795386	3.6182795386e+1

261.97	36.184176619	3.6184176619e+1
261.98	36.185557853	3.6185557853e+1
261.99	36.186939086	3.6186939086e+1
262	36.18832032	3.618832032e+1
262.01	36.189701554	3.6189701554e+1
262.02	36.191082787	3.6191082787e+1
262.03	36.192464021	3.6192464021e+1
262.04	36.193845254	3.6193845254e+1
262.05	36.195226488	3.6195226488e+1
262.06	36.196607722	3.6196607722e+1
262.07	36.197988955	3.6197988955e+1
262.08	36.199370189	3.6199370189e+1
262.09	36.200751422	3.6200751422e+1
262.1	36.202132656	3.6202132656e+1
262.11	36.20351389	3.620351389e+1
262.12	36.204895123	3.6204895123e+1
262.13	36.206276357	3.6206276357e+1
262.14	36.20765759	3.620765759e+1
262.15	36.209038824	3.6209038824e+1
262.16	36.210420058	3.6210420058e+1
262.17	36.211801291	3.6211801291e+1
262.18	36.213182525	3.6213182525e+1
262.19	36.214563758	3.6214563758e+1
262.2	36.215944992	3.6215944992e+1
262.21	36.217326226	3.6217326226e+1
262.22	36.218707459	3.6218707459e+1
262.23	36.220088693	3.6220088693e+1
262.24	36.221469926	3.6221469926e+1
262.25	36.22285116	3.622285116e+1
262.26	36.224232394	3.6224232394e+1
262.27	36.225613627	3.6225613627e+1
262.28	36.226994861	3.6226994861e+1
262.29	36.228376094	3.6228376094e+1
262.3	36.229757328	3.6229757328e+1
262.31	36.231138562	3.6231138562e+1
262.32	36.232519795	3.6232519795e+1
262.33	36.233901029	3.6233901029e+1
262.34	36.235282262	3.6235282262e+1

262.35	36.236663496	3.6236663496e+1
262.36	36.23804473	3.623804473e+1
262.37	36.239425963	3.6239425963e+1
262.38	36.240807197	3.6240807197e+1
262.39	36.24218843	3.624218843e+1
262.4	36.243569664	3.6243569664e+1
262.41	36.244950898	3.6244950898e+1
262.42	36.246332131	3.6246332131e+1
262.43	36.247713365	3.6247713365e+1
262.44	36.249094598	3.6249094598e+1
262.45	36.250475832	3.6250475832e+1
262.46	36.251857066	3.6251857066e+1
262.47	36.253238299	3.6253238299e+1
262.48	36.254619533	3.6254619533e+1
262.49	36.256000766	3.6256000766e+1
262.5	36.257382	3.6257382e+1
262.51	36.258763234	3.6258763234e+1
262.52	36.260144467	3.6260144467e+1
262.53	36.261525701	3.6261525701e+1
262.54	36.262906934	3.6262906934e+1
262.55	36.264288168	3.6264288168e+1
262.56	36.265669402	3.6265669402e+1
262.57	36.267050635	3.6267050635e+1
262.58	36.268431869	3.6268431869e+1
262.59	36.269813102	3.6269813102e+1
262.6	36.271194336	3.6271194336e+1
262.61	36.27257557	3.627257557e+1
262.62	36.273956803	3.6273956803e+1
262.63	36.275338037	3.6275338037e+1
262.64	36.27671927	3.627671927e+1
262.65	36.278100504	3.6278100504e+1
262.66	36.279481738	3.6279481738e+1
262.67	36.280862971	3.6280862971e+1
262.68	36.282244205	3.6282244205e+1
262.69	36.283625438	3.6283625438e+1
262.7	36.285006672	3.6285006672e+1
262.71	36.286387906	3.6286387906e+1
262.72	36.287769139	3.6287769139e+1

262.73	36.289150373	3.6289150373e+1
262.74	36.290531606	3.6290531606e+1
262.75	36.29191284	3.629191284e+1
262.76	36.293294074	3.6293294074e+1
262.77	36.294675307	3.6294675307e+1
262.78	36.296056541	3.6296056541e+1
262.79	36.297437774	3.6297437774e+1
262.8	36.298819008	3.6298819008e+1
262.81	36.300200242	3.6300200242e+1
262.82	36.301581475	3.6301581475e+1
262.83	36.302962709	3.6302962709e+1
262.84	36.304343942	3.6304343942e+1
262.85	36.305725176	3.6305725176e+1
262.86	36.30710641	3.630710641e+1
262.87	36.308487643	3.6308487643e+1
262.88	36.309868877	3.6309868877e+1
262.89	36.31125011	3.631125011e+1
262.9	36.312631344	3.6312631344e+1
262.91	36.314012578	3.6314012578e+1
262.92	36.315393811	3.6315393811e+1
262.93	36.316775045	3.6316775045e+1
262.94	36.318156278	3.6318156278e+1
262.95	36.319537512	3.6319537512e+1
262.96	36.320918746	3.6320918746e+1
262.97	36.322299979	3.6322299979e+1
262.98	36.323681213	3.6323681213e+1
262.99	36.325062446	3.6325062446e+1
263	36.32644368	3.632644368e+1
263.01	36.327824914	3.6327824914e+1
263.02	36.329206147	3.6329206147e+1
263.03	36.330587381	3.6330587381e+1
263.04	36.331968614	3.6331968614e+1
263.05	36.333349848	3.6333349848e+1
263.06	36.334731082	3.6334731082e+1
263.07	36.336112315	3.6336112315e+1
263.08	36.337493549	3.6337493549e+1
263.09	36.338874782	3.6338874782e+1
263.1	36.340256016	3.6340256016e+1

263.11	36.34163725	3.634163725e+1
263.12	36.343018483	3.6343018483e+1
263.13	36.344399717	3.6344399717e+1
263.14	36.34578095	3.634578095e+1
263.15	36.347162184	3.6347162184e+1
263.16	36.348543418	3.6348543418e+1
263.17	36.349924651	3.6349924651e+1
263.18	36.351305885	3.6351305885e+1
263.19	36.352687118	3.6352687118e+1
263.2	36.354068352	3.6354068352e+1
263.21	36.355449586	3.6355449586e+1
263.22	36.356830819	3.6356830819e+1
263.23	36.358212053	3.6358212053e+1
263.24	36.359593286	3.6359593286e+1
263.25	36.36097452	3.636097452e+1
263.26	36.362355754	3.6362355754e+1
263.27	36.363736987	3.6363736987e+1
263.28	36.365118221	3.6365118221e+1
263.29	36.366499454	3.6366499454e+1
263.3	36.367880688	3.6367880688e+1
263.31	36.369261922	3.6369261922e+1
263.32	36.370643155	3.6370643155e+1
263.33	36.372024389	3.6372024389e+1
263.34	36.373405622	3.6373405622e+1
263.35	36.374786856	3.6374786856e+1
263.36	36.37616809	3.637616809e+1
263.37	36.377549323	3.6377549323e+1
263.38	36.378930557	3.6378930557e+1
263.39	36.38031179	3.638031179e+1
263.4	36.381693024	3.6381693024e+1
263.41	36.383074258	3.6383074258e+1
263.42	36.384455491	3.6384455491e+1
263.43	36.385836725	3.6385836725e+1
263.44	36.387217958	3.6387217958e+1
263.45	36.388599192	3.6388599192e+1
263.46	36.389980426	3.6389980426e+1
263.47	36.391361659	3.6391361659e+1
263.48	36.392742893	3.6392742893e+1

263.49	36.394124126	3.6394124126e+1
263.5	36.39550536	3.639550536e+1
263.51	36.396886594	3.6396886594e+1
263.52	36.398267827	3.6398267827e+1
263.53	36.399649061	3.6399649061e+1
263.54	36.401030294	3.6401030294e+1
263.55	36.402411528	3.6402411528e+1
263.56	36.403792762	3.6403792762e+1
263.57	36.405173995	3.6405173995e+1
263.58	36.406555229	3.6406555229e+1
263.59	36.407936462	3.6407936462e+1
263.6	36.409317696	3.6409317696e+1
263.61	36.41069893	3.641069893e+1
263.62	36.412080163	3.6412080163e+1
263.63	36.413461397	3.6413461397e+1
263.64	36.41484263	3.641484263e+1
263.65	36.416223864	3.6416223864e+1
263.66	36.417605098	3.6417605098e+1
263.67	36.418986331	3.6418986331e+1
263.68	36.420367565	3.6420367565e+1
263.69	36.421748798	3.6421748798e+1
263.7	36.423130032	3.6423130032e+1
263.71	36.424511266	3.6424511266e+1
263.72	36.425892499	3.6425892499e+1
263.73	36.427273733	3.6427273733e+1
263.74	36.428654966	3.6428654966e+1
263.75	36.4300362	3.64300362e+1
263.76	36.431417434	3.6431417434e+1
263.77	36.432798667	3.6432798667e+1
263.78	36.434179901	3.6434179901e+1
263.79	36.435561134	3.6435561134e+1
263.8	36.436942368	3.6436942368e+1
263.81	36.438323602	3.6438323602e+1
263.82	36.439704835	3.6439704835e+1
263.83	36.441086069	3.6441086069e+1
263.84	36.442467302	3.6442467302e+1
263.85	36.443848536	3.6443848536e+1
263.86	36.44522977	3.644522977e+1

263.87	36.446611003	3.6446611003e+1
263.88	36.447992237	3.6447992237e+1
263.89	36.44937347	3.644937347e+1
263.9	36.450754704	3.6450754704e+1
263.91	36.452135938	3.6452135938e+1
263.92	36.453517171	3.6453517171e+1
263.93	36.454898405	3.6454898405e+1
263.94	36.456279638	3.6456279638e+1
263.95	36.457660872	3.6457660872e+1
263.96	36.459042106	3.6459042106e+1
263.97	36.460423339	3.6460423339e+1
263.98	36.461804573	3.6461804573e+1
263.99	36.463185806	3.6463185806e+1
264	36.46456704	3.646456704e+1
264.01	36.465948274	3.6465948274e+1
264.02	36.467329507	3.6467329507e+1
264.03	36.468710741	3.6468710741e+1
264.04	36.470091974	3.6470091974e+1
264.05	36.471473208	3.6471473208e+1
264.06	36.472854442	3.6472854442e+1
264.07	36.474235675	3.6474235675e+1
264.08	36.475616909	3.6475616909e+1
264.09	36.476998142	3.6476998142e+1
264.1	36.478379376	3.6478379376e+1
264.11	36.47976061	3.647976061e+1
264.12	36.481141843	3.6481141843e+1
264.13	36.482523077	3.6482523077e+1
264.14	36.48390431	3.648390431e+1
264.15	36.485285544	3.6485285544e+1
264.16	36.486666778	3.6486666778e+1
264.17	36.488048011	3.6488048011e+1
264.18	36.489429245	3.6489429245e+1
264.19	36.490810478	3.6490810478e+1
264.2	36.492191712	3.6492191712e+1
264.21	36.493572946	3.6493572946e+1
264.22	36.494954179	3.6494954179e+1
264.23	36.496335413	3.6496335413e+1
264.24	36.497716646	3.6497716646e+1

264.25	36.49909788	3.649909788e+1
264.26	36.500479114	3.6500479114e+1
264.27	36.501860347	3.6501860347e+1
264.28	36.503241581	3.6503241581e+1
264.29	36.504622814	3.6504622814e+1
264.3	36.506004048	3.6506004048e+1
264.31	36.507385282	3.6507385282e+1
264.32	36.508766515	3.6508766515e+1
264.33	36.510147749	3.6510147749e+1
264.34	36.511528982	3.6511528982e+1
264.35	36.512910216	3.6512910216e+1
264.36	36.51429145	3.651429145e+1
264.37	36.515672683	3.6515672683e+1
264.38	36.517053917	3.6517053917e+1
264.39	36.51843515	3.651843515e+1
264.4	36.519816384	3.6519816384e+1
264.41	36.521197618	3.6521197618e+1
264.42	36.522578851	3.6522578851e+1
264.43	36.523960085	3.6523960085e+1
264.44	36.525341318	3.6525341318e+1
264.45	36.526722552	3.6526722552e+1
264.46	36.528103786	3.6528103786e+1
264.47	36.529485019	3.6529485019e+1
264.48	36.530866253	3.6530866253e+1
264.49	36.532247486	3.6532247486e+1
264.5	36.53362872	3.653362872e+1
264.51	36.535009954	3.6535009954e+1
264.52	36.536391187	3.6536391187e+1
264.53	36.537772421	3.6537772421e+1
264.54	36.539153654	3.6539153654e+1
264.55	36.540534888	3.6540534888e+1
264.56	36.541916122	3.6541916122e+1
264.57	36.543297355	3.6543297355e+1
264.58	36.544678589	3.6544678589e+1
264.59	36.546059822	3.6546059822e+1
264.6	36.547441056	3.6547441056e+1
264.61	36.54882229	3.654882229e+1
264.62	36.550203523	3.6550203523e+1

264.63	36.551584757	3.6551584757e+1
264.64	36.55296599	3.655296599e+1
264.65	36.554347224	3.6554347224e+1
264.66	36.555728458	3.6555728458e+1
264.67	36.557109691	3.6557109691e+1
264.68	36.558490925	3.6558490925e+1
264.69	36.559872158	3.6559872158e+1
264.7	36.561253392	3.6561253392e+1
264.71	36.562634626	3.6562634626e+1
264.72	36.564015859	3.6564015859e+1
264.73	36.565397093	3.6565397093e+1
264.74	36.566778326	3.6566778326e+1
264.75	36.56815956	3.656815956e+1
264.76	36.569540794	3.6569540794e+1
264.77	36.570922027	3.6570922027e+1
264.78	36.572303261	3.6572303261e+1
264.79	36.573684494	3.6573684494e+1
264.8	36.575065728	3.6575065728e+1
264.81	36.576446962	3.6576446962e+1
264.82	36.577828195	3.6577828195e+1
264.83	36.579209429	3.6579209429e+1
264.84	36.580590662	3.6580590662e+1
264.85	36.581971896	3.6581971896e+1
264.86	36.58335313	3.658335313e+1
264.87	36.584734363	3.6584734363e+1
264.88	36.586115597	3.6586115597e+1
264.89	36.58749683	3.658749683e+1
264.9	36.588878064	3.6588878064e+1
264.91	36.590259298	3.6590259298e+1
264.92	36.591640531	3.6591640531e+1
264.93	36.593021765	3.6593021765e+1
264.94	36.594402998	3.6594402998e+1
264.95	36.595784232	3.6595784232e+1
264.96	36.597165466	3.6597165466e+1
264.97	36.598546699	3.6598546699e+1
264.98	36.599927933	3.6599927933e+1
264.99	36.601309166	3.6601309166e+1
265	36.6026904	3.66026904e+1

265.01	36.604071634	3.6604071634e+1
265.02	36.605452867	3.6605452867e+1
265.03	36.606834101	3.6606834101e+1
265.04	36.608215334	3.6608215334e+1
265.05	36.609596568	3.6609596568e+1
265.06	36.610977802	3.6610977802e+1
265.07	36.612359035	3.6612359035e+1
265.08	36.613740269	3.6613740269e+1
265.09	36.615121502	3.6615121502e+1
265.1	36.616502736	3.6616502736e+1
265.11	36.61788397	3.661788397e+1
265.12	36.619265203	3.6619265203e+1
265.13	36.620646437	3.6620646437e+1
265.14	36.62202767	3.662202767e+1
265.15	36.623408904	3.6623408904e+1
265.16	36.624790138	3.6624790138e+1
265.17	36.626171371	3.6626171371e+1
265.18	36.627552605	3.6627552605e+1
265.19	36.628933838	3.6628933838e+1
265.2	36.630315072	3.6630315072e+1
265.21	36.631696306	3.6631696306e+1
265.22	36.633077539	3.6633077539e+1
265.23	36.634458773	3.6634458773e+1
265.24	36.635840006	3.6635840006e+1
265.25	36.63722124	3.663722124e+1
265.26	36.638602474	3.6638602474e+1
265.27	36.639983707	3.6639983707e+1
265.28	36.641364941	3.6641364941e+1
265.29	36.642746174	3.6642746174e+1
265.3	36.644127408	3.6644127408e+1
265.31	36.645508642	3.6645508642e+1
265.32	36.646889875	3.6646889875e+1
265.33	36.648271109	3.6648271109e+1
265.34	36.649652342	3.6649652342e+1
265.35	36.651033576	3.6651033576e+1
265.36	36.65241481	3.665241481e+1
265.37	36.653796043	3.6653796043e+1
265.38	36.655177277	3.6655177277e+1

265.39	36.65655851	3.665655851e+1
265.4	36.657939744	3.6657939744e+1
265.41	36.659320978	3.6659320978e+1
265.42	36.660702211	3.6660702211e+1
265.43	36.662083445	3.6662083445e+1
265.44	36.663464678	3.6663464678e+1
265.45	36.664845912	3.6664845912e+1
265.46	36.666227146	3.6666227146e+1
265.47	36.667608379	3.6667608379e+1
265.48	36.668989613	3.6668989613e+1
265.49	36.670370846	3.6670370846e+1
265.5	36.67175208	3.667175208e+1
265.51	36.673133314	3.6673133314e+1
265.52	36.674514547	3.6674514547e+1
265.53	36.675895781	3.6675895781e+1
265.54	36.677277014	3.6677277014e+1
265.55	36.678658248	3.6678658248e+1
265.56	36.680039482	3.6680039482e+1
265.57	36.681420715	3.6681420715e+1
265.58	36.682801949	3.6682801949e+1
265.59	36.684183182	3.6684183182e+1
265.6	36.685564416	3.6685564416e+1
265.61	36.68694565	3.668694565e+1
265.62	36.688326883	3.6688326883e+1
265.63	36.689708117	3.6689708117e+1
265.64	36.69108935	3.669108935e+1
265.65	36.692470584	3.6692470584e+1
265.66	36.693851818	3.6693851818e+1
265.67	36.695233051	3.6695233051e+1
265.68	36.696614285	3.6696614285e+1
265.69	36.697995518	3.6697995518e+1
265.7	36.699376752	3.6699376752e+1
265.71	36.700757986	3.6700757986e+1
265.72	36.702139219	3.6702139219e+1
265.73	36.703520453	3.6703520453e+1
265.74	36.704901686	3.6704901686e+1
265.75	36.70628292	3.670628292e+1
265.76	36.707664154	3.6707664154e+1

265.77	36.709045387	3.6709045387e+1
265.78	36.710426621	3.6710426621e+1
265.79	36.711807854	3.6711807854e+1
265.8	36.713189088	3.6713189088e+1
265.81	36.714570322	3.6714570322e+1
265.82	36.715951555	3.6715951555e+1
265.83	36.717332789	3.6717332789e+1
265.84	36.718714022	3.6718714022e+1
265.85	36.720095256	3.6720095256e+1
265.86	36.72147649	3.672147649e+1
265.87	36.722857723	3.6722857723e+1
265.88	36.724238957	3.6724238957e+1
265.89	36.72562019	3.672562019e+1
265.9	36.727001424	3.6727001424e+1
265.91	36.728382658	3.6728382658e+1
265.92	36.729763891	3.6729763891e+1
265.93	36.731145125	3.6731145125e+1
265.94	36.732526358	3.6732526358e+1
265.95	36.733907592	3.6733907592e+1
265.96	36.735288826	3.6735288826e+1
265.97	36.736670059	3.6736670059e+1
265.98	36.738051293	3.6738051293e+1
265.99	36.739432526	3.6739432526e+1
266	36.74081376	3.674081376e+1
266.01	36.742194994	3.6742194994e+1
266.02	36.743576227	3.6743576227e+1
266.03	36.744957461	3.6744957461e+1
266.04	36.746338694	3.6746338694e+1
266.05	36.747719928	3.6747719928e+1
266.06	36.749101162	3.6749101162e+1
266.07	36.750482395	3.6750482395e+1
266.08	36.751863629	3.6751863629e+1
266.09	36.753244862	3.6753244862e+1
266.1	36.754626096	3.6754626096e+1
266.11	36.75600733	3.675600733e+1
266.12	36.757388563	3.6757388563e+1
266.13	36.758769797	3.6758769797e+1
266.14	36.76015103	3.676015103e+1

266.15	36.761532264	3.6761532264e+1
266.16	36.762913498	3.6762913498e+1
266.17	36.764294731	3.6764294731e+1
266.18	36.765675965	3.6765675965e+1
266.19	36.767057198	3.6767057198e+1
266.2	36.768438432	3.6768438432e+1
266.21	36.769819666	3.6769819666e+1
266.22	36.771200899	3.6771200899e+1
266.23	36.772582133	3.6772582133e+1
266.24	36.773963366	3.6773963366e+1
266.25	36.7753446	3.67753446e+1
266.26	36.776725834	3.6776725834e+1
266.27	36.778107067	3.6778107067e+1
266.28	36.779488301	3.6779488301e+1
266.29	36.780869534	3.6780869534e+1
266.3	36.782250768	3.6782250768e+1
266.31	36.783632002	3.6783632002e+1
266.32	36.785013235	3.6785013235e+1
266.33	36.786394469	3.6786394469e+1
266.34	36.787775702	3.6787775702e+1
266.35	36.789156936	3.6789156936e+1
266.36	36.79053817	3.679053817e+1
266.37	36.791919403	3.6791919403e+1
266.38	36.793300637	3.6793300637e+1
266.39	36.79468187	3.679468187e+1
266.4	36.796063104	3.6796063104e+1
266.41	36.797444338	3.6797444338e+1
266.42	36.798825571	3.6798825571e+1
266.43	36.800206805	3.6800206805e+1
266.44	36.801588038	3.6801588038e+1
266.45	36.802969272	3.6802969272e+1
266.46	36.804350506	3.6804350506e+1
266.47	36.805731739	3.6805731739e+1
266.48	36.807112973	3.6807112973e+1
266.49	36.808494206	3.6808494206e+1
266.5	36.80987544	3.680987544e+1
266.51	36.811256674	3.6811256674e+1
266.52	36.812637907	3.6812637907e+1

266.53	36.814019141	3.6814019141e+1
266.54	36.815400374	3.6815400374e+1
266.55	36.816781608	3.6816781608e+1
266.56	36.818162842	3.6818162842e+1
266.57	36.819544075	3.6819544075e+1
266.58	36.820925309	3.6820925309e+1
266.59	36.822306542	3.6822306542e+1
266.6	36.823687776	3.6823687776e+1
266.61	36.82506901	3.682506901e+1
266.62	36.826450243	3.6826450243e+1
266.63	36.827831477	3.6827831477e+1
266.64	36.82921271	3.682921271e+1
266.65	36.830593944	3.6830593944e+1
266.66	36.831975178	3.6831975178e+1
266.67	36.833356411	3.6833356411e+1
266.68	36.834737645	3.6834737645e+1
266.69	36.836118878	3.6836118878e+1
266.7	36.837500112	3.6837500112e+1
266.71	36.838881346	3.6838881346e+1
266.72	36.840262579	3.6840262579e+1
266.73	36.841643813	3.6841643813e+1
266.74	36.843025046	3.6843025046e+1
266.75	36.84440628	3.684440628e+1
266.76	36.845787514	3.6845787514e+1
266.77	36.847168747	3.6847168747e+1
266.78	36.848549981	3.6848549981e+1
266.79	36.849931214	3.6849931214e+1
266.8	36.851312448	3.6851312448e+1
266.81	36.852693682	3.6852693682e+1
266.82	36.854074915	3.6854074915e+1
266.83	36.855456149	3.6855456149e+1
266.84	36.856837382	3.6856837382e+1
266.85	36.858218616	3.6858218616e+1
266.86	36.85959985	3.685959985e+1
266.87	36.860981083	3.6860981083e+1
266.88	36.862362317	3.6862362317e+1
266.89	36.86374355	3.686374355e+1
266.9	36.865124784	3.6865124784e+1

266.91	36.866506018	3.6866506018e+1
266.92	36.867887251	3.6867887251e+1
266.93	36.869268485	3.6869268485e+1
266.94	36.870649718	3.6870649718e+1
266.95	36.872030952	3.6872030952e+1
266.96	36.873412186	3.6873412186e+1
266.97	36.874793419	3.6874793419e+1
266.98	36.876174653	3.6876174653e+1
266.99	36.877555886	3.6877555886e+1
267	36.87893712	3.687893712e+1
267.01	36.880318354	3.6880318354e+1
267.02	36.881699587	3.6881699587e+1
267.03	36.883080821	3.6883080821e+1
267.04	36.884462054	3.6884462054e+1
267.05	36.885843288	3.6885843288e+1
267.06	36.887224522	3.6887224522e+1
267.07	36.888605755	3.6888605755e+1
267.08	36.889986989	3.6889986989e+1
267.09	36.891368222	3.6891368222e+1
267.1	36.892749456	3.6892749456e+1
267.11	36.89413069	3.689413069e+1
267.12	36.895511923	3.6895511923e+1
267.13	36.896893157	3.6896893157e+1
267.14	36.89827439	3.689827439e+1
267.15	36.899655624	3.6899655624e+1
267.16	36.901036858	3.6901036858e+1
267.17	36.902418091	3.6902418091e+1
267.18	36.903799325	3.6903799325e+1
267.19	36.905180558	3.6905180558e+1
267.2	36.906561792	3.6906561792e+1
267.21	36.907943026	3.6907943026e+1
267.22	36.909324259	3.6909324259e+1
267.23	36.910705493	3.6910705493e+1
267.24	36.912086726	3.6912086726e+1
267.25	36.91346796	3.691346796e+1
267.26	36.914849194	3.6914849194e+1
267.27	36.916230427	3.6916230427e+1
267.28	36.917611661	3.6917611661e+1

267.29	36.918992894	3.6918992894e+1
267.3	36.920374128	3.6920374128e+1
267.31	36.921755362	3.6921755362e+1
267.32	36.923136595	3.6923136595e+1
267.33	36.924517829	3.6924517829e+1
267.34	36.925899062	3.6925899062e+1
267.35	36.927280296	3.6927280296e+1
267.36	36.92866153	3.692866153e+1
267.37	36.930042763	3.6930042763e+1
267.38	36.931423997	3.6931423997e+1
267.39	36.93280523	3.693280523e+1
267.4	36.934186464	3.6934186464e+1
267.41	36.935567698	3.6935567698e+1
267.42	36.936948931	3.6936948931e+1
267.43	36.938330165	3.6938330165e+1
267.44	36.939711398	3.6939711398e+1
267.45	36.941092632	3.6941092632e+1
267.46	36.942473866	3.6942473866e+1
267.47	36.943855099	3.6943855099e+1
267.48	36.945236333	3.6945236333e+1
267.49	36.946617566	3.6946617566e+1
267.5	36.9479988	3.69479988e+1
267.51	36.949380034	3.6949380034e+1
267.52	36.950761267	3.6950761267e+1
267.53	36.952142501	3.6952142501e+1
267.54	36.953523734	3.6953523734e+1
267.55	36.954904968	3.6954904968e+1
267.56	36.956286202	3.6956286202e+1
267.57	36.957667435	3.6957667435e+1
267.58	36.959048669	3.6959048669e+1
267.59	36.960429902	3.6960429902e+1
267.6	36.961811136	3.6961811136e+1
267.61	36.96319237	3.696319237e+1
267.62	36.964573603	3.6964573603e+1
267.63	36.965954837	3.6965954837e+1
267.64	36.96733607	3.696733607e+1
267.65	36.968717304	3.6968717304e+1
267.66	36.970098538	3.6970098538e+1

267.67	36.971479771	3.6971479771e+1
267.68	36.972861005	3.6972861005e+1
267.69	36.974242238	3.6974242238e+1
267.7	36.975623472	3.6975623472e+1
267.71	36.977004706	3.6977004706e+1
267.72	36.978385939	3.6978385939e+1
267.73	36.979767173	3.6979767173e+1
267.74	36.981148406	3.6981148406e+1
267.75	36.98252964	3.698252964e+1
267.76	36.983910874	3.6983910874e+1
267.77	36.985292107	3.6985292107e+1
267.78	36.986673341	3.6986673341e+1
267.79	36.988054574	3.6988054574e+1
267.8	36.989435808	3.6989435808e+1
267.81	36.990817042	3.6990817042e+1
267.82	36.992198275	3.6992198275e+1
267.83	36.993579509	3.6993579509e+1
267.84	36.994960742	3.6994960742e+1
267.85	36.996341976	3.6996341976e+1
267.86	36.99772321	3.699772321e+1
267.87	36.999104443	3.6999104443e+1
267.88	37.000485677	3.7000485677e+1
267.89	37.00186691	3.700186691e+1
267.9	37.003248144	3.7003248144e+1
267.91	37.004629378	3.7004629378e+1
267.92	37.006010611	3.7006010611e+1
267.93	37.007391845	3.7007391845e+1
267.94	37.008773078	3.7008773078e+1
267.95	37.010154312	3.7010154312e+1
267.96	37.011535546	3.7011535546e+1
267.97	37.012916779	3.7012916779e+1
267.98	37.014298013	3.7014298013e+1
267.99	37.015679246	3.7015679246e+1
268	37.01706048	3.701706048e+1
268.01	37.018441714	3.7018441714e+1
268.02	37.019822947	3.7019822947e+1
268.03	37.021204181	3.7021204181e+1
268.04	37.022585414	3.7022585414e+1

268.05	37.023966648	3.7023966648e+1
268.06	37.025347882	3.7025347882e+1
268.07	37.026729115	3.7026729115e+1
268.08	37.028110349	3.7028110349e+1
268.09	37.029491582	3.7029491582e+1
268.1	37.030872816	3.7030872816e+1
268.11	37.03225405	3.703225405e+1
268.12	37.033635283	3.7033635283e+1
268.13	37.035016517	3.7035016517e+1
268.14	37.03639775	3.703639775e+1
268.15	37.037778984	3.7037778984e+1
268.16	37.039160218	3.7039160218e+1
268.17	37.040541451	3.7040541451e+1
268.18	37.041922685	3.7041922685e+1
268.19	37.043303918	3.7043303918e+1
268.2	37.044685152	3.7044685152e+1
268.21	37.046066386	3.7046066386e+1
268.22	37.047447619	3.7047447619e+1
268.23	37.048828853	3.7048828853e+1
268.24	37.050210086	3.7050210086e+1
268.25	37.05159132	3.705159132e+1
268.26	37.052972554	3.7052972554e+1
268.27	37.054353787	3.7054353787e+1
268.28	37.055735021	3.7055735021e+1
268.29	37.057116254	3.7057116254e+1
268.3	37.058497488	3.7058497488e+1
268.31	37.059878722	3.7059878722e+1
268.32	37.061259955	3.7061259955e+1
268.33	37.062641189	3.7062641189e+1
268.34	37.064022422	3.7064022422e+1
268.35	37.065403656	3.7065403656e+1
268.36	37.06678489	3.706678489e+1
268.37	37.068166123	3.7068166123e+1
268.38	37.069547357	3.7069547357e+1
268.39	37.07092859	3.707092859e+1
268.4	37.072309824	3.7072309824e+1
268.41	37.073691058	3.7073691058e+1
268.42	37.075072291	3.7075072291e+1

268.43	37.076453525	3.7076453525e+1
268.44	37.077834758	3.7077834758e+1
268.45	37.079215992	3.7079215992e+1
268.46	37.080597226	3.7080597226e+1
268.47	37.081978459	3.7081978459e+1
268.48	37.083359693	3.7083359693e+1
268.49	37.084740926	3.7084740926e+1
268.5	37.08612216	3.708612216e+1
268.51	37.087503394	3.7087503394e+1
268.52	37.088884627	3.7088884627e+1
268.53	37.090265861	3.7090265861e+1
268.54	37.091647094	3.7091647094e+1
268.55	37.093028328	3.7093028328e+1
268.56	37.094409562	3.7094409562e+1
268.57	37.095790795	3.7095790795e+1
268.58	37.097172029	3.7097172029e+1
268.59	37.098553262	3.7098553262e+1
268.6	37.099934496	3.7099934496e+1
268.61	37.10131573	3.710131573e+1
268.62	37.102696963	3.7102696963e+1
268.63	37.104078197	3.7104078197e+1
268.64	37.10545943	3.710545943e+1
268.65	37.106840664	3.7106840664e+1
268.66	37.108221898	3.7108221898e+1
268.67	37.109603131	3.7109603131e+1
268.68	37.110984365	3.7110984365e+1
268.69	37.112365598	3.7112365598e+1
268.7	37.113746832	3.7113746832e+1
268.71	37.115128066	3.7115128066e+1
268.72	37.116509299	3.7116509299e+1
268.73	37.117890533	3.7117890533e+1
268.74	37.119271766	3.7119271766e+1
268.75	37.120653	3.7120653e+1
268.76	37.122034234	3.7122034234e+1
268.77	37.123415467	3.7123415467e+1
268.78	37.124796701	3.7124796701e+1
268.79	37.126177934	3.7126177934e+1
268.8	37.127559168	3.7127559168e+1

268.81	37.128940402	3.7128940402e+1
268.82	37.130321635	3.7130321635e+1
268.83	37.131702869	3.7131702869e+1
268.84	37.133084102	3.7133084102e+1
268.85	37.134465336	3.7134465336e+1
268.86	37.13584657	3.713584657e+1
268.87	37.137227803	3.7137227803e+1
268.88	37.138609037	3.7138609037e+1
268.89	37.13999027	3.713999027e+1
268.9	37.141371504	3.7141371504e+1
268.91	37.142752738	3.7142752738e+1
268.92	37.144133971	3.7144133971e+1
268.93	37.145515205	3.7145515205e+1
268.94	37.146896438	3.7146896438e+1
268.95	37.148277672	3.7148277672e+1
268.96	37.149658906	3.7149658906e+1
268.97	37.151040139	3.7151040139e+1
268.98	37.152421373	3.7152421373e+1
268.99	37.153802606	3.7153802606e+1
269	37.15518384	3.715518384e+1
269.01	37.156565074	3.7156565074e+1
269.02	37.157946307	3.7157946307e+1
269.03	37.159327541	3.7159327541e+1
269.04	37.160708774	3.7160708774e+1
269.05	37.162090008	3.7162090008e+1
269.06	37.163471242	3.7163471242e+1
269.07	37.164852475	3.7164852475e+1
269.08	37.166233709	3.7166233709e+1
269.09	37.167614942	3.7167614942e+1
269.1	37.168996176	3.7168996176e+1
269.11	37.17037741	3.717037741e+1
269.12	37.171758643	3.7171758643e+1
269.13	37.173139877	3.7173139877e+1
269.14	37.17452111	3.717452111e+1
269.15	37.175902344	3.7175902344e+1
269.16	37.177283578	3.7177283578e+1
269.17	37.178664811	3.7178664811e+1
269.18	37.180046045	3.7180046045e+1

269.19	37.181427278	3.7181427278e+1
269.2	37.182808512	3.7182808512e+1
269.21	37.184189746	3.7184189746e+1
269.22	37.185570979	3.7185570979e+1
269.23	37.186952213	3.7186952213e+1
269.24	37.188333446	3.7188333446e+1
269.25	37.18971468	3.718971468e+1
269.26	37.191095914	3.7191095914e+1
269.27	37.192477147	3.7192477147e+1
269.28	37.193858381	3.7193858381e+1
269.29	37.195239614	3.7195239614e+1
269.3	37.196620848	3.7196620848e+1
269.31	37.198002082	3.7198002082e+1
269.32	37.199383315	3.7199383315e+1
269.33	37.200764549	3.7200764549e+1
269.34	37.202145782	3.7202145782e+1
269.35	37.203527016	3.7203527016e+1
269.36	37.20490825	3.720490825e+1
269.37	37.206289483	3.7206289483e+1
269.38	37.207670717	3.7207670717e+1
269.39	37.20905195	3.720905195e+1
269.4	37.210433184	3.7210433184e+1
269.41	37.211814418	3.7211814418e+1
269.42	37.213195651	3.7213195651e+1
269.43	37.214576885	3.7214576885e+1
269.44	37.215958118	3.7215958118e+1
269.45	37.217339352	3.7217339352e+1
269.46	37.218720586	3.7218720586e+1
269.47	37.220101819	3.7220101819e+1
269.48	37.221483053	3.7221483053e+1
269.49	37.222864286	3.7222864286e+1
269.5	37.22424552	3.722424552e+1
269.51	37.225626754	3.7225626754e+1
269.52	37.227007987	3.7227007987e+1
269.53	37.228389221	3.7228389221e+1
269.54	37.229770454	3.7229770454e+1
269.55	37.231151688	3.7231151688e+1
269.56	37.232532922	3.7232532922e+1

269.57	37.233914155	3.7233914155e+1
269.58	37.235295389	3.7235295389e+1
269.59	37.236676622	3.7236676622e+1
269.6	37.238057856	3.7238057856e+1
269.61	37.23943909	3.723943909e+1
269.62	37.240820323	3.7240820323e+1
269.63	37.242201557	3.7242201557e+1
269.64	37.24358279	3.724358279e+1
269.65	37.244964024	3.7244964024e+1
269.66	37.246345258	3.7246345258e+1
269.67	37.247726491	3.7247726491e+1
269.68	37.249107725	3.7249107725e+1
269.69	37.250488958	3.7250488958e+1
269.7	37.251870192	3.7251870192e+1
269.71	37.253251426	3.7253251426e+1
269.72	37.254632659	3.7254632659e+1
269.73	37.256013893	3.7256013893e+1
269.74	37.257395126	3.7257395126e+1
269.75	37.25877636	3.725877636e+1
269.76	37.260157594	3.7260157594e+1
269.77	37.261538827	3.7261538827e+1
269.78	37.262920061	3.7262920061e+1
269.79	37.264301294	3.7264301294e+1
269.8	37.265682528	3.7265682528e+1
269.81	37.267063762	3.7267063762e+1
269.82	37.268444995	3.7268444995e+1
269.83	37.269826229	3.7269826229e+1
269.84	37.271207462	3.7271207462e+1
269.85	37.272588696	3.7272588696e+1
269.86	37.27396993	3.727396993e+1
269.87	37.275351163	3.7275351163e+1
269.88	37.276732397	3.7276732397e+1
269.89	37.27811363	3.727811363e+1
269.9	37.279494864	3.7279494864e+1
269.91	37.280876098	3.7280876098e+1
269.92	37.282257331	3.7282257331e+1
269.93	37.283638565	3.7283638565e+1
269.94	37.285019798	3.7285019798e+1

269.95	37.286401032	3.7286401032e+1
269.96	37.287782266	3.7287782266e+1
269.97	37.289163499	3.7289163499e+1
269.98	37.290544733	3.7290544733e+1
269.99	37.291925966	3.7291925966e+1
270	37.2933072	3.72933072e+1
270.01	37.294688434	3.7294688434e+1
270.02	37.296069667	3.7296069667e+1
270.03	37.297450901	3.7297450901e+1
270.04	37.298832134	3.7298832134e+1
270.05	37.300213368	3.7300213368e+1
270.06	37.301594602	3.7301594602e+1
270.07	37.302975835	3.7302975835e+1
270.08	37.304357069	3.7304357069e+1
270.09	37.305738302	3.7305738302e+1
270.1	37.307119536	3.7307119536e+1
270.11	37.30850077	3.730850077e+1
270.12	37.309882003	3.7309882003e+1
270.13	37.311263237	3.7311263237e+1
270.14	37.31264447	3.731264447e+1
270.15	37.314025704	3.7314025704e+1
270.16	37.315406938	3.7315406938e+1
270.17	37.316788171	3.7316788171e+1
270.18	37.318169405	3.7318169405e+1
270.19	37.319550638	3.7319550638e+1
270.2	37.320931872	3.7320931872e+1
270.21	37.322313106	3.7322313106e+1
270.22	37.323694339	3.7323694339e+1
270.23	37.325075573	3.7325075573e+1
270.24	37.326456806	3.7326456806e+1
270.25	37.32783804	3.732783804e+1
270.26	37.329219274	3.7329219274e+1
270.27	37.330600507	3.7330600507e+1
270.28	37.331981741	3.7331981741e+1
270.29	37.333362974	3.7333362974e+1
270.3	37.334744208	3.7334744208e+1
270.31	37.336125442	3.7336125442e+1
270.32	37.337506675	3.7337506675e+1

270.33	37.338887909	3.7338887909e+1
270.34	37.340269142	3.7340269142e+1
270.35	37.341650376	3.7341650376e+1
270.36	37.34303161	3.734303161e+1
270.37	37.344412843	3.7344412843e+1
270.38	37.345794077	3.7345794077e+1
270.39	37.34717531	3.734717531e+1
270.4	37.348556544	3.7348556544e+1
270.41	37.349937778	3.7349937778e+1
270.42	37.351319011	3.7351319011e+1
270.43	37.352700245	3.7352700245e+1
270.44	37.354081478	3.7354081478e+1
270.45	37.355462712	3.7355462712e+1
270.46	37.356843946	3.7356843946e+1
270.47	37.358225179	3.7358225179e+1
270.48	37.359606413	3.7359606413e+1
270.49	37.360987646	3.7360987646e+1
270.5	37.36236888	3.736236888e+1
270.51	37.363750114	3.7363750114e+1
270.52	37.365131347	3.7365131347e+1
270.53	37.366512581	3.7366512581e+1
270.54	37.367893814	3.7367893814e+1
270.55	37.369275048	3.7369275048e+1
270.56	37.370656282	3.7370656282e+1
270.57	37.372037515	3.7372037515e+1
270.58	37.373418749	3.7373418749e+1
270.59	37.374799982	3.7374799982e+1
270.6	37.376181216	3.7376181216e+1
270.61	37.37756245	3.737756245e+1
270.62	37.378943683	3.7378943683e+1
270.63	37.380324917	3.7380324917e+1
270.64	37.38170615	3.738170615e+1
270.65	37.383087384	3.7383087384e+1
270.66	37.384468618	3.7384468618e+1
270.67	37.385849851	3.7385849851e+1
270.68	37.387231085	3.7387231085e+1
270.69	37.388612318	3.7388612318e+1
270.7	37.389993552	3.7389993552e+1

270.71	37.391374786	3.7391374786e+1
270.72	37.392756019	3.7392756019e+1
270.73	37.394137253	3.7394137253e+1
270.74	37.395518486	3.7395518486e+1
270.75	37.39689972	3.739689972e+1
270.76	37.398280954	3.7398280954e+1
270.77	37.399662187	3.7399662187e+1
270.78	37.401043421	3.7401043421e+1
270.79	37.402424654	3.7402424654e+1
270.8	37.403805888	3.7403805888e+1
270.81	37.405187122	3.7405187122e+1
270.82	37.406568355	3.7406568355e+1
270.83	37.407949589	3.7407949589e+1
270.84	37.409330822	3.7409330822e+1
270.85	37.410712056	3.7410712056e+1
270.86	37.41209329	3.741209329e+1
270.87	37.413474523	3.7413474523e+1
270.88	37.414855757	3.7414855757e+1
270.89	37.41623699	3.741623699e+1
270.9	37.417618224	3.7417618224e+1
270.91	37.418999458	3.7418999458e+1
270.92	37.420380691	3.7420380691e+1
270.93	37.421761925	3.7421761925e+1
270.94	37.423143158	3.7423143158e+1
270.95	37.424524392	3.7424524392e+1
270.96	37.425905626	3.7425905626e+1
270.97	37.427286859	3.7427286859e+1
270.98	37.428668093	3.7428668093e+1
270.99	37.430049326	3.7430049326e+1
271	37.43143056	3.743143056e+1
271.01	37.432811794	3.7432811794e+1
271.02	37.434193027	3.7434193027e+1
271.03	37.435574261	3.7435574261e+1
271.04	37.436955494	3.7436955494e+1
271.05	37.438336728	3.7438336728e+1
271.06	37.439717962	3.7439717962e+1
271.07	37.441099195	3.7441099195e+1
271.08	37.442480429	3.7442480429e+1

271.09	37.443861662	3.7443861662e+1
271.1	37.445242896	3.7445242896e+1
271.11	37.44662413	3.744662413e+1
271.12	37.448005363	3.7448005363e+1
271.13	37.449386597	3.7449386597e+1
271.14	37.45076783	3.745076783e+1
271.15	37.452149064	3.7452149064e+1
271.16	37.453530298	3.7453530298e+1
271.17	37.454911531	3.7454911531e+1
271.18	37.456292765	3.7456292765e+1
271.19	37.457673998	3.7457673998e+1
271.2	37.459055232	3.7459055232e+1
271.21	37.460436466	3.7460436466e+1
271.22	37.461817699	3.7461817699e+1
271.23	37.463198933	3.7463198933e+1
271.24	37.464580166	3.7464580166e+1
271.25	37.4659614	3.74659614e+1
271.26	37.467342634	3.7467342634e+1
271.27	37.468723867	3.7468723867e+1
271.28	37.470105101	3.7470105101e+1
271.29	37.471486334	3.7471486334e+1
271.3	37.472867568	3.7472867568e+1
271.31	37.474248802	3.7474248802e+1
271.32	37.475630035	3.7475630035e+1
271.33	37.477011269	3.7477011269e+1
271.34	37.478392502	3.7478392502e+1
271.35	37.479773736	3.7479773736e+1
271.36	37.48115497	3.748115497e+1
271.37	37.482536203	3.7482536203e+1
271.38	37.483917437	3.7483917437e+1
271.39	37.48529867	3.748529867e+1
271.4	37.486679904	3.7486679904e+1
271.41	37.488061138	3.7488061138e+1
271.42	37.489442371	3.7489442371e+1
271.43	37.490823605	3.7490823605e+1
271.44	37.492204838	3.7492204838e+1
271.45	37.493586072	3.7493586072e+1
271.46	37.494967306	3.7494967306e+1

271.47	37.496348539	3.7496348539e+1
271.48	37.497729773	3.7497729773e+1
271.49	37.499111006	3.7499111006e+1
271.5	37.50049224	3.750049224e+1
271.51	37.501873474	3.7501873474e+1
271.52	37.503254707	3.7503254707e+1
271.53	37.504635941	3.7504635941e+1
271.54	37.506017174	3.7506017174e+1
271.55	37.507398408	3.7507398408e+1
271.56	37.508779642	3.7508779642e+1
271.57	37.510160875	3.7510160875e+1
271.58	37.511542109	3.7511542109e+1
271.59	37.512923342	3.7512923342e+1
271.6	37.514304576	3.7514304576e+1
271.61	37.51568581	3.751568581e+1
271.62	37.517067043	3.7517067043e+1
271.63	37.518448277	3.7518448277e+1
271.64	37.51982951	3.751982951e+1
271.65	37.521210744	3.7521210744e+1
271.66	37.522591978	3.7522591978e+1
271.67	37.523973211	3.7523973211e+1
271.68	37.525354445	3.7525354445e+1
271.69	37.526735678	3.7526735678e+1
271.7	37.528116912	3.7528116912e+1
271.71	37.529498146	3.7529498146e+1
271.72	37.530879379	3.7530879379e+1
271.73	37.532260613	3.7532260613e+1
271.74	37.533641846	3.7533641846e+1
271.75	37.53502308	3.753502308e+1
271.76	37.536404314	3.7536404314e+1
271.77	37.537785547	3.7537785547e+1
271.78	37.539166781	3.7539166781e+1
271.79	37.540548014	3.7540548014e+1
271.8	37.541929248	3.7541929248e+1
271.81	37.543310482	3.7543310482e+1
271.82	37.544691715	3.7544691715e+1
271.83	37.546072949	3.7546072949e+1
271.84	37.547454182	3.7547454182e+1

271.85	37.548835416	3.7548835416e+1
271.86	37.55021665	3.755021665e+1
271.87	37.551597883	3.7551597883e+1
271.88	37.552979117	3.7552979117e+1
271.89	37.55436035	3.755436035e+1
271.9	37.555741584	3.7555741584e+1
271.91	37.557122818	3.7557122818e+1
271.92	37.558504051	3.7558504051e+1
271.93	37.559885285	3.7559885285e+1
271.94	37.561266518	3.7561266518e+1
271.95	37.562647752	3.7562647752e+1
271.96	37.564028986	3.7564028986e+1
271.97	37.565410219	3.7565410219e+1
271.98	37.566791453	3.7566791453e+1
271.99	37.568172686	3.7568172686e+1
272	37.56955392	3.756955392e+1
272.01	37.570935154	3.7570935154e+1
272.02	37.572316387	3.7572316387e+1
272.03	37.573697621	3.7573697621e+1
272.04	37.575078854	3.7575078854e+1
272.05	37.576460088	3.7576460088e+1
272.06	37.577841322	3.7577841322e+1
272.07	37.579222555	3.7579222555e+1
272.08	37.580603789	3.7580603789e+1
272.09	37.581985022	3.7581985022e+1
272.1	37.583366256	3.7583366256e+1
272.11	37.58474749	3.758474749e+1
272.12	37.586128723	3.7586128723e+1
272.13	37.587509957	3.7587509957e+1
272.14	37.58889119	3.758889119e+1
272.15	37.590272424	3.7590272424e+1
272.16	37.591653658	3.7591653658e+1
272.17	37.593034891	3.7593034891e+1
272.18	37.594416125	3.7594416125e+1
272.19	37.595797358	3.7595797358e+1
272.2	37.597178592	3.7597178592e+1
272.21	37.598559826	3.7598559826e+1
272.22	37.599941059	3.7599941059e+1

272.23	37.601322293	3.7601322293e+1
272.24	37.602703526	3.7602703526e+1
272.25	37.60408476	3.760408476e+1
272.26	37.605465994	3.7605465994e+1
272.27	37.606847227	3.7606847227e+1
272.28	37.608228461	3.7608228461e+1
272.29	37.609609694	3.7609609694e+1
272.3	37.610990928	3.7610990928e+1
272.31	37.612372162	3.7612372162e+1
272.32	37.613753395	3.7613753395e+1
272.33	37.615134629	3.7615134629e+1
272.34	37.616515862	3.7616515862e+1
272.35	37.617897096	3.7617897096e+1
272.36	37.61927833	3.761927833e+1
272.37	37.620659563	3.7620659563e+1
272.38	37.622040797	3.7622040797e+1
272.39	37.62342203	3.762342203e+1
272.4	37.624803264	3.7624803264e+1
272.41	37.626184498	3.7626184498e+1
272.42	37.627565731	3.7627565731e+1
272.43	37.628946965	3.7628946965e+1
272.44	37.630328198	3.7630328198e+1
272.45	37.631709432	3.7631709432e+1
272.46	37.633090666	3.7633090666e+1
272.47	37.634471899	3.7634471899e+1
272.48	37.635853133	3.7635853133e+1
272.49	37.637234366	3.7637234366e+1
272.5	37.6386156	3.76386156e+1
272.51	37.639996834	3.7639996834e+1
272.52	37.641378067	3.7641378067e+1
272.53	37.642759301	3.7642759301e+1
272.54	37.644140534	3.7644140534e+1
272.55	37.645521768	3.7645521768e+1
272.56	37.646903002	3.7646903002e+1
272.57	37.648284235	3.7648284235e+1
272.58	37.649665469	3.7649665469e+1
272.59	37.651046702	3.7651046702e+1
272.6	37.652427936	3.7652427936e+1

272.61	37.65380917	3.765380917e+1
272.62	37.655190403	3.7655190403e+1
272.63	37.656571637	3.7656571637e+1
272.64	37.65795287	3.765795287e+1
272.65	37.659334104	3.7659334104e+1
272.66	37.660715338	3.7660715338e+1
272.67	37.662096571	3.7662096571e+1
272.68	37.663477805	3.7663477805e+1
272.69	37.664859038	3.7664859038e+1
272.7	37.666240272	3.7666240272e+1
272.71	37.667621506	3.7667621506e+1
272.72	37.669002739	3.7669002739e+1
272.73	37.670383973	3.7670383973e+1
272.74	37.671765206	3.7671765206e+1
272.75	37.67314644	3.767314644e+1
272.76	37.674527674	3.7674527674e+1
272.77	37.675908907	3.7675908907e+1
272.78	37.677290141	3.7677290141e+1
272.79	37.678671374	3.7678671374e+1
272.8	37.680052608	3.7680052608e+1
272.81	37.681433842	3.7681433842e+1
272.82	37.682815075	3.7682815075e+1
272.83	37.684196309	3.7684196309e+1
272.84	37.685577542	3.7685577542e+1
272.85	37.686958776	3.7686958776e+1
272.86	37.68834001	3.768834001e+1
272.87	37.689721243	3.7689721243e+1
272.88	37.691102477	3.7691102477e+1
272.89	37.69248371	3.769248371e+1
272.9	37.693864944	3.7693864944e+1
272.91	37.695246178	3.7695246178e+1
272.92	37.696627411	3.7696627411e+1
272.93	37.698008645	3.7698008645e+1
272.94	37.699389878	3.7699389878e+1
272.95	37.700771112	3.7700771112e+1
272.96	37.702152346	3.7702152346e+1
272.97	37.703533579	3.7703533579e+1
272.98	37.704914813	3.7704914813e+1

272.99	37.706296046	3.7706296046e+1
273	37.70767728	3.770767728e+1
273.01	37.709058514	3.7709058514e+1
273.02	37.710439747	3.7710439747e+1
273.03	37.711820981	3.7711820981e+1
273.04	37.713202214	3.7713202214e+1
273.05	37.714583448	3.7714583448e+1
273.06	37.715964682	3.7715964682e+1
273.07	37.717345915	3.7717345915e+1
273.08	37.718727149	3.7718727149e+1
273.09	37.720108382	3.7720108382e+1
273.1	37.721489616	3.7721489616e+1
273.11	37.72287085	3.772287085e+1
273.12	37.724252083	3.7724252083e+1
273.13	37.725633317	3.7725633317e+1
273.14	37.72701455	3.772701455e+1
273.15	37.728395784	3.7728395784e+1
273.16	37.729777018	3.7729777018e+1
273.17	37.731158251	3.7731158251e+1
273.18	37.732539485	3.7732539485e+1
273.19	37.733920718	3.7733920718e+1
273.2	37.735301952	3.7735301952e+1
273.21	37.736683186	3.7736683186e+1
273.22	37.738064419	3.7738064419e+1
273.23	37.739445653	3.7739445653e+1
273.24	37.740826886	3.7740826886e+1
273.25	37.74220812	3.774220812e+1
273.26	37.743589354	3.7743589354e+1
273.27	37.744970587	3.7744970587e+1
273.28	37.746351821	3.7746351821e+1
273.29	37.747733054	3.7747733054e+1
273.3	37.749114288	3.7749114288e+1
273.31	37.750495522	3.7750495522e+1
273.32	37.751876755	3.7751876755e+1
273.33	37.753257989	3.7753257989e+1
273.34	37.754639222	3.7754639222e+1
273.35	37.756020456	3.7756020456e+1
273.36	37.75740169	3.775740169e+1

273.37	37.758782923	3.7758782923e+1
273.38	37.760164157	3.7760164157e+1
273.39	37.76154539	3.776154539e+1
273.4	37.762926624	3.7762926624e+1
273.41	37.764307858	3.7764307858e+1
273.42	37.765689091	3.7765689091e+1
273.43	37.767070325	3.7767070325e+1
273.44	37.768451558	3.7768451558e+1
273.45	37.769832792	3.7769832792e+1
273.46	37.771214026	3.7771214026e+1
273.47	37.772595259	3.7772595259e+1
273.48	37.773976493	3.7773976493e+1
273.49	37.775357726	3.7775357726e+1
273.5	37.77673896	3.777673896e+1
273.51	37.778120194	3.7778120194e+1
273.52	37.779501427	3.7779501427e+1
273.53	37.780882661	3.7780882661e+1
273.54	37.782263894	3.7782263894e+1
273.55	37.783645128	3.7783645128e+1
273.56	37.785026362	3.7785026362e+1
273.57	37.786407595	3.7786407595e+1
273.58	37.787788829	3.7787788829e+1
273.59	37.789170062	3.7789170062e+1
273.6	37.790551296	3.7790551296e+1
273.61	37.79193253	3.779193253e+1
273.62	37.793313763	3.7793313763e+1
273.63	37.794694997	3.7794694997e+1
273.64	37.79607623	3.779607623e+1
273.65	37.797457464	3.7797457464e+1
273.66	37.798838698	3.7798838698e+1
273.67	37.800219931	3.7800219931e+1
273.68	37.801601165	3.7801601165e+1
273.69	37.802982398	3.7802982398e+1
273.7	37.804363632	3.7804363632e+1
273.71	37.805744866	3.7805744866e+1
273.72	37.807126099	3.7807126099e+1
273.73	37.808507333	3.7808507333e+1
273.74	37.809888566	3.7809888566e+1

273.75	37.8112698	3.78112698e+1
273.76	37.812651034	3.7812651034e+1
273.77	37.814032267	3.7814032267e+1
273.78	37.815413501	3.7815413501e+1
273.79	37.816794734	3.7816794734e+1
273.8	37.818175968	3.7818175968e+1
273.81	37.819557202	3.7819557202e+1
273.82	37.820938435	3.7820938435e+1
273.83	37.822319669	3.7822319669e+1
273.84	37.823700902	3.7823700902e+1
273.85	37.825082136	3.7825082136e+1
273.86	37.82646337	3.782646337e+1
273.87	37.827844603	3.7827844603e+1
273.88	37.829225837	3.7829225837e+1
273.89	37.83060707	3.783060707e+1
273.9	37.831988304	3.7831988304e+1
273.91	37.833369538	3.7833369538e+1
273.92	37.834750771	3.7834750771e+1
273.93	37.836132005	3.7836132005e+1
273.94	37.837513238	3.7837513238e+1
273.95	37.838894472	3.7838894472e+1
273.96	37.840275706	3.7840275706e+1
273.97	37.841656939	3.7841656939e+1
273.98	37.843038173	3.7843038173e+1
273.99	37.844419406	3.7844419406e+1
274	37.84580064	3.784580064e+1
274.01	37.847181874	3.7847181874e+1
274.02	37.848563107	3.7848563107e+1
274.03	37.849944341	3.7849944341e+1
274.04	37.851325574	3.7851325574e+1
274.05	37.852706808	3.7852706808e+1
274.06	37.854088042	3.7854088042e+1
274.07	37.855469275	3.7855469275e+1
274.08	37.856850509	3.7856850509e+1
274.09	37.858231742	3.7858231742e+1
274.1	37.859612976	3.7859612976e+1
274.11	37.86099421	3.786099421e+1
274.12	37.862375443	3.7862375443e+1

274.13	37.863756677	3.7863756677e+1
274.14	37.86513791	3.786513791e+1
274.15	37.866519144	3.7866519144e+1
274.16	37.867900378	3.7867900378e+1
274.17	37.869281611	3.7869281611e+1
274.18	37.870662845	3.7870662845e+1
274.19	37.872044078	3.7872044078e+1
274.2	37.873425312	3.7873425312e+1
274.21	37.874806546	3.7874806546e+1
274.22	37.876187779	3.7876187779e+1
274.23	37.877569013	3.7877569013e+1
274.24	37.878950246	3.7878950246e+1
274.25	37.88033148	3.788033148e+1
274.26	37.881712714	3.7881712714e+1
274.27	37.883093947	3.7883093947e+1
274.28	37.884475181	3.7884475181e+1
274.29	37.885856414	3.7885856414e+1
274.3	37.887237648	3.7887237648e+1
274.31	37.888618882	3.7888618882e+1
274.32	37.890000115	3.7890000115e+1
274.33	37.891381349	3.7891381349e+1
274.34	37.892762582	3.7892762582e+1
274.35	37.894143816	3.7894143816e+1
274.36	37.89552505	3.789552505e+1
274.37	37.896906283	3.7896906283e+1
274.38	37.898287517	3.7898287517e+1
274.39	37.89966875	3.789966875e+1
274.4	37.901049984	3.7901049984e+1
274.41	37.902431218	3.7902431218e+1
274.42	37.903812451	3.7903812451e+1
274.43	37.905193685	3.7905193685e+1
274.44	37.906574918	3.7906574918e+1
274.45	37.907956152	3.7907956152e+1
274.46	37.909337386	3.7909337386e+1
274.47	37.910718619	3.7910718619e+1
274.48	37.912099853	3.7912099853e+1
274.49	37.913481086	3.7913481086e+1
274.5	37.91486232	3.791486232e+1

274.51	37.916243554	3.7916243554e+1
274.52	37.917624787	3.7917624787e+1
274.53	37.919006021	3.7919006021e+1
274.54	37.920387254	3.7920387254e+1
274.55	37.921768488	3.7921768488e+1
274.56	37.923149722	3.7923149722e+1
274.57	37.924530955	3.7924530955e+1
274.58	37.925912189	3.7925912189e+1
274.59	37.927293422	3.7927293422e+1
274.6	37.928674656	3.7928674656e+1
274.61	37.93005589	3.793005589e+1
274.62	37.931437123	3.7931437123e+1
274.63	37.932818357	3.7932818357e+1
274.64	37.93419959	3.793419959e+1
274.65	37.935580824	3.7935580824e+1
274.66	37.936962058	3.7936962058e+1
274.67	37.938343291	3.7938343291e+1
274.68	37.939724525	3.7939724525e+1
274.69	37.941105758	3.7941105758e+1
274.7	37.942486992	3.7942486992e+1
274.71	37.943868226	3.7943868226e+1
274.72	37.945249459	3.7945249459e+1
274.73	37.946630693	3.7946630693e+1
274.74	37.948011926	3.7948011926e+1
274.75	37.94939316	3.794939316e+1
274.76	37.950774394	3.7950774394e+1
274.77	37.952155627	3.7952155627e+1
274.78	37.953536861	3.7953536861e+1
274.79	37.954918094	3.7954918094e+1
274.8	37.956299328	3.7956299328e+1
274.81	37.957680562	3.7957680562e+1
274.82	37.959061795	3.7959061795e+1
274.83	37.960443029	3.7960443029e+1
274.84	37.961824262	3.7961824262e+1
274.85	37.963205496	3.7963205496e+1
274.86	37.96458673	3.796458673e+1
274.87	37.965967963	3.7965967963e+1
274.88	37.967349197	3.7967349197e+1

274.89	37.96873043	3.796873043e+1
274.9	37.970111664	3.7970111664e+1
274.91	37.971492898	3.7971492898e+1
274.92	37.972874131	3.7972874131e+1
274.93	37.974255365	3.7974255365e+1
274.94	37.975636598	3.7975636598e+1
274.95	37.977017832	3.7977017832e+1
274.96	37.978399066	3.7978399066e+1
274.97	37.979780299	3.7979780299e+1
274.98	37.981161533	3.7981161533e+1
274.99	37.982542766	3.7982542766e+1
275	37.983924	3.7983924e+1
275.01	37.985305234	3.7985305234e+1
275.02	37.986686467	3.7986686467e+1
275.03	37.988067701	3.7988067701e+1
275.04	37.989448934	3.7989448934e+1
275.05	37.990830168	3.7990830168e+1
275.06	37.992211402	3.7992211402e+1
275.07	37.993592635	3.7993592635e+1
275.08	37.994973869	3.7994973869e+1
275.09	37.996355102	3.7996355102e+1
275.1	37.997736336	3.7997736336e+1
275.11	37.99911757	3.799911757e+1
275.12	38.000498803	3.8000498803e+1
275.13	38.001880037	3.8001880037e+1
275.14	38.00326127	3.800326127e+1
275.15	38.004642504	3.8004642504e+1
275.16	38.006023738	3.8006023738e+1
275.17	38.007404971	3.8007404971e+1
275.18	38.008786205	3.8008786205e+1
275.19	38.010167438	3.8010167438e+1
275.2	38.011548672	3.8011548672e+1
275.21	38.012929906	3.8012929906e+1
275.22	38.014311139	3.8014311139e+1
275.23	38.015692373	3.8015692373e+1
275.24	38.017073606	3.8017073606e+1
275.25	38.01845484	3.801845484e+1
275.26	38.019836074	3.8019836074e+1

275.27	38.021217307	3.8021217307e+1
275.28	38.022598541	3.8022598541e+1
275.29	38.023979774	3.8023979774e+1
275.3	38.025361008	3.8025361008e+1
275.31	38.026742242	3.8026742242e+1
275.32	38.028123475	3.8028123475e+1
275.33	38.029504709	3.8029504709e+1
275.34	38.030885942	3.8030885942e+1
275.35	38.032267176	3.8032267176e+1
275.36	38.03364841	3.803364841e+1
275.37	38.035029643	3.8035029643e+1
275.38	38.036410877	3.8036410877e+1
275.39	38.03779211	3.803779211e+1
275.4	38.039173344	3.8039173344e+1
275.41	38.040554578	3.8040554578e+1
275.42	38.041935811	3.8041935811e+1
275.43	38.043317045	3.8043317045e+1
275.44	38.044698278	3.8044698278e+1
275.45	38.046079512	3.8046079512e+1
275.46	38.047460746	3.8047460746e+1
275.47	38.048841979	3.8048841979e+1
275.48	38.050223213	3.8050223213e+1
275.49	38.051604446	3.8051604446e+1
275.5	38.05298568	3.805298568e+1
275.51	38.054366914	3.8054366914e+1
275.52	38.055748147	3.8055748147e+1
275.53	38.057129381	3.8057129381e+1
275.54	38.058510614	3.8058510614e+1
275.55	38.059891848	3.8059891848e+1
275.56	38.061273082	3.8061273082e+1
275.57	38.062654315	3.8062654315e+1
275.58	38.064035549	3.8064035549e+1
275.59	38.065416782	3.8065416782e+1
275.6	38.066798016	3.8066798016e+1
275.61	38.06817925	3.806817925e+1
275.62	38.069560483	3.8069560483e+1
275.63	38.070941717	3.8070941717e+1
275.64	38.07232295	3.807232295e+1

275.65	38.073704184	3.8073704184e+1
275.66	38.075085418	3.8075085418e+1
275.67	38.076466651	3.8076466651e+1
275.68	38.077847885	3.8077847885e+1
275.69	38.079229118	3.8079229118e+1
275.7	38.080610352	3.8080610352e+1
275.71	38.081991586	3.8081991586e+1
275.72	38.083372819	3.8083372819e+1
275.73	38.084754053	3.8084754053e+1
275.74	38.086135286	3.8086135286e+1
275.75	38.08751652	3.808751652e+1
275.76	38.088897754	3.8088897754e+1
275.77	38.090278987	3.8090278987e+1
275.78	38.091660221	3.8091660221e+1
275.79	38.093041454	3.8093041454e+1
275.8	38.094422688	3.8094422688e+1
275.81	38.095803922	3.8095803922e+1
275.82	38.097185155	3.8097185155e+1
275.83	38.098566389	3.8098566389e+1
275.84	38.099947622	3.8099947622e+1
275.85	38.101328856	3.8101328856e+1
275.86	38.10271009	3.810271009e+1
275.87	38.104091323	3.8104091323e+1
275.88	38.105472557	3.8105472557e+1
275.89	38.10685379	3.810685379e+1
275.9	38.108235024	3.8108235024e+1
275.91	38.109616258	3.8109616258e+1
275.92	38.110997491	3.8110997491e+1
275.93	38.112378725	3.8112378725e+1
275.94	38.113759958	3.8113759958e+1
275.95	38.115141192	3.8115141192e+1
275.96	38.116522426	3.8116522426e+1
275.97	38.117903659	3.8117903659e+1
275.98	38.119284893	3.8119284893e+1
275.99	38.120666126	3.8120666126e+1
276	38.12204736	3.812204736e+1
276.01	38.123428594	3.8123428594e+1
276.02	38.124809827	3.8124809827e+1

276.03	38.126191061	3.8126191061e+1
276.04	38.127572294	3.8127572294e+1
276.05	38.128953528	3.8128953528e+1
276.06	38.130334762	3.8130334762e+1
276.07	38.131715995	3.8131715995e+1
276.08	38.133097229	3.8133097229e+1
276.09	38.134478462	3.8134478462e+1
276.1	38.135859696	3.8135859696e+1
276.11	38.13724093	3.813724093e+1
276.12	38.138622163	3.8138622163e+1
276.13	38.140003397	3.8140003397e+1
276.14	38.14138463	3.814138463e+1
276.15	38.142765864	3.8142765864e+1
276.16	38.144147098	3.8144147098e+1
276.17	38.145528331	3.8145528331e+1
276.18	38.146909565	3.8146909565e+1
276.19	38.148290798	3.8148290798e+1
276.2	38.149672032	3.8149672032e+1
276.21	38.151053266	3.8151053266e+1
276.22	38.152434499	3.8152434499e+1
276.23	38.153815733	3.8153815733e+1
276.24	38.155196966	3.8155196966e+1
276.25	38.1565782	3.81565782e+1
276.26	38.157959434	3.8157959434e+1
276.27	38.159340667	3.8159340667e+1
276.28	38.160721901	3.8160721901e+1
276.29	38.162103134	3.8162103134e+1
276.3	38.163484368	3.8163484368e+1
276.31	38.164865602	3.8164865602e+1
276.32	38.166246835	3.8166246835e+1
276.33	38.167628069	3.8167628069e+1
276.34	38.169009302	3.8169009302e+1
276.35	38.170390536	3.8170390536e+1
276.36	38.17177177	3.817177177e+1
276.37	38.173153003	3.8173153003e+1
276.38	38.174534237	3.8174534237e+1
276.39	38.17591547	3.817591547e+1
276.4	38.177296704	3.8177296704e+1

276.41	38.178677938	3.8178677938e+1
276.42	38.180059171	3.8180059171e+1
276.43	38.181440405	3.8181440405e+1
276.44	38.182821638	3.8182821638e+1
276.45	38.184202872	3.8184202872e+1
276.46	38.185584106	3.8185584106e+1
276.47	38.186965339	3.8186965339e+1
276.48	38.188346573	3.8188346573e+1
276.49	38.189727806	3.8189727806e+1
276.5	38.19110904	3.819110904e+1
276.51	38.192490274	3.8192490274e+1
276.52	38.193871507	3.8193871507e+1
276.53	38.195252741	3.8195252741e+1
276.54	38.196633974	3.8196633974e+1
276.55	38.198015208	3.8198015208e+1
276.56	38.199396442	3.8199396442e+1
276.57	38.200777675	3.8200777675e+1
276.58	38.202158909	3.8202158909e+1
276.59	38.203540142	3.8203540142e+1
276.6	38.204921376	3.8204921376e+1
276.61	38.20630261	3.820630261e+1
276.62	38.207683843	3.8207683843e+1
276.63	38.209065077	3.8209065077e+1
276.64	38.21044631	3.821044631e+1
276.65	38.211827544	3.8211827544e+1
276.66	38.213208778	3.8213208778e+1
276.67	38.214590011	3.8214590011e+1
276.68	38.215971245	3.8215971245e+1
276.69	38.217352478	3.8217352478e+1
276.7	38.218733712	3.8218733712e+1
276.71	38.220114946	3.8220114946e+1
276.72	38.221496179	3.8221496179e+1
276.73	38.222877413	3.8222877413e+1
276.74	38.224258646	3.8224258646e+1
276.75	38.22563988	3.822563988e+1
276.76	38.227021114	3.8227021114e+1
276.77	38.228402347	3.8228402347e+1
276.78	38.229783581	3.8229783581e+1

276.79	38.231164814	3.8231164814e+1
276.8	38.232546048	3.8232546048e+1
276.81	38.233927282	3.8233927282e+1
276.82	38.235308515	3.8235308515e+1
276.83	38.236689749	3.8236689749e+1
276.84	38.238070982	3.8238070982e+1
276.85	38.239452216	3.8239452216e+1
276.86	38.24083345	3.824083345e+1
276.87	38.242214683	3.8242214683e+1
276.88	38.243595917	3.8243595917e+1
276.89	38.24497715	3.824497715e+1
276.9	38.246358384	3.8246358384e+1
276.91	38.247739618	3.8247739618e+1
276.92	38.249120851	3.8249120851e+1
276.93	38.250502085	3.8250502085e+1
276.94	38.251883318	3.8251883318e+1
276.95	38.253264552	3.8253264552e+1
276.96	38.254645786	3.8254645786e+1
276.97	38.256027019	3.8256027019e+1
276.98	38.257408253	3.8257408253e+1
276.99	38.258789486	3.8258789486e+1
277	38.26017072	3.826017072e+1
277.01	38.261551954	3.8261551954e+1
277.02	38.262933187	3.8262933187e+1
277.03	38.264314421	3.8264314421e+1
277.04	38.265695654	3.8265695654e+1
277.05	38.267076888	3.8267076888e+1
277.06	38.268458122	3.8268458122e+1
277.07	38.269839355	3.8269839355e+1
277.08	38.271220589	3.8271220589e+1
277.09	38.272601822	3.8272601822e+1
277.1	38.273983056	3.8273983056e+1
277.11	38.27536429	3.827536429e+1
277.12	38.276745523	3.8276745523e+1
277.13	38.278126757	3.8278126757e+1
277.14	38.27950799	3.827950799e+1
277.15	38.280889224	3.8280889224e+1
277.16	38.282270458	3.8282270458e+1

277.17	38.283651691	3.8283651691e+1
277.18	38.285032925	3.8285032925e+1
277.19	38.286414158	3.8286414158e+1
277.2	38.287795392	3.8287795392e+1
277.21	38.289176626	3.8289176626e+1
277.22	38.290557859	3.8290557859e+1
277.23	38.291939093	3.8291939093e+1
277.24	38.293320326	3.8293320326e+1
277.25	38.29470156	3.829470156e+1
277.26	38.296082794	3.8296082794e+1
277.27	38.297464027	3.8297464027e+1
277.28	38.298845261	3.8298845261e+1
277.29	38.300226494	3.8300226494e+1
277.3	38.301607728	3.8301607728e+1
277.31	38.302988962	3.8302988962e+1
277.32	38.304370195	3.8304370195e+1
277.33	38.305751429	3.8305751429e+1
277.34	38.307132662	3.8307132662e+1
277.35	38.308513896	3.8308513896e+1
277.36	38.30989513	3.830989513e+1
277.37	38.311276363	3.8311276363e+1
277.38	38.312657597	3.8312657597e+1
277.39	38.31403883	3.831403883e+1
277.4	38.315420064	3.8315420064e+1
277.41	38.316801298	3.8316801298e+1
277.42	38.318182531	3.8318182531e+1
277.43	38.319563765	3.8319563765e+1
277.44	38.320944998	3.8320944998e+1
277.45	38.322326232	3.8322326232e+1
277.46	38.323707466	3.8323707466e+1
277.47	38.325088699	3.8325088699e+1
277.48	38.326469933	3.8326469933e+1
277.49	38.327851166	3.8327851166e+1
277.5	38.3292324	3.83292324e+1
277.51	38.330613634	3.8330613634e+1
277.52	38.331994867	3.8331994867e+1
277.53	38.333376101	3.8333376101e+1
277.54	38.334757334	3.8334757334e+1

277.55	38.336138568	3.8336138568e+1
277.56	38.337519802	3.8337519802e+1
277.57	38.338901035	3.8338901035e+1
277.58	38.340282269	3.8340282269e+1
277.59	38.341663502	3.8341663502e+1
277.6	38.343044736	3.8343044736e+1
277.61	38.34442597	3.834442597e+1
277.62	38.345807203	3.8345807203e+1
277.63	38.347188437	3.8347188437e+1
277.64	38.34856967	3.834856967e+1
277.65	38.349950904	3.8349950904e+1
277.66	38.351332138	3.8351332138e+1
277.67	38.352713371	3.8352713371e+1
277.68	38.354094605	3.8354094605e+1
277.69	38.355475838	3.8355475838e+1
277.7	38.356857072	3.8356857072e+1
277.71	38.358238306	3.8358238306e+1
277.72	38.359619539	3.8359619539e+1
277.73	38.361000773	3.8361000773e+1
277.74	38.362382006	3.8362382006e+1
277.75	38.36376324	3.836376324e+1
277.76	38.365144474	3.8365144474e+1
277.77	38.366525707	3.8366525707e+1
277.78	38.367906941	3.8367906941e+1
277.79	38.369288174	3.8369288174e+1
277.8	38.370669408	3.8370669408e+1
277.81	38.372050642	3.8372050642e+1
277.82	38.373431875	3.8373431875e+1
277.83	38.374813109	3.8374813109e+1
277.84	38.376194342	3.8376194342e+1
277.85	38.377575576	3.8377575576e+1
277.86	38.37895681	3.837895681e+1
277.87	38.380338043	3.8380338043e+1
277.88	38.381719277	3.8381719277e+1
277.89	38.38310051	3.838310051e+1
277.9	38.384481744	3.8384481744e+1
277.91	38.385862978	3.8385862978e+1
277.92	38.387244211	3.8387244211e+1

277.93	38.388625445	3.8388625445e+1
277.94	38.390006678	3.8390006678e+1
277.95	38.391387912	3.8391387912e+1
277.96	38.392769146	3.8392769146e+1
277.97	38.394150379	3.8394150379e+1
277.98	38.395531613	3.8395531613e+1
277.99	38.396912846	3.8396912846e+1
278	38.39829408	3.839829408e+1
278.01	38.399675314	3.8399675314e+1
278.02	38.401056547	3.8401056547e+1
278.03	38.402437781	3.8402437781e+1
278.04	38.403819014	3.8403819014e+1
278.05	38.405200248	3.8405200248e+1
278.06	38.406581482	3.8406581482e+1
278.07	38.407962715	3.8407962715e+1
278.08	38.409343949	3.8409343949e+1
278.09	38.410725182	3.8410725182e+1
278.1	38.412106416	3.8412106416e+1
278.11	38.41348765	3.841348765e+1
278.12	38.414868883	3.8414868883e+1
278.13	38.416250117	3.8416250117e+1
278.14	38.41763135	3.841763135e+1
278.15	38.419012584	3.8419012584e+1
278.16	38.420393818	3.8420393818e+1
278.17	38.421775051	3.8421775051e+1
278.18	38.423156285	3.8423156285e+1
278.19	38.424537518	3.8424537518e+1
278.2	38.425918752	3.8425918752e+1
278.21	38.427299986	3.8427299986e+1
278.22	38.428681219	3.8428681219e+1
278.23	38.430062453	3.8430062453e+1
278.24	38.431443686	3.8431443686e+1
278.25	38.43282492	3.843282492e+1
278.26	38.434206154	3.8434206154e+1
278.27	38.435587387	3.8435587387e+1
278.28	38.436968621	3.8436968621e+1
278.29	38.438349854	3.8438349854e+1
278.3	38.439731088	3.8439731088e+1

278.31	38.441112322	3.8441112322e+1
278.32	38.442493555	3.8442493555e+1
278.33	38.443874789	3.8443874789e+1
278.34	38.445256022	3.8445256022e+1
278.35	38.446637256	3.8446637256e+1
278.36	38.44801849	3.844801849e+1
278.37	38.449399723	3.8449399723e+1
278.38	38.450780957	3.8450780957e+1
278.39	38.45216219	3.845216219e+1
278.4	38.453543424	3.8453543424e+1
278.41	38.454924658	3.8454924658e+1
278.42	38.456305891	3.8456305891e+1
278.43	38.457687125	3.8457687125e+1
278.44	38.459068358	3.8459068358e+1
278.45	38.460449592	3.8460449592e+1
278.46	38.461830826	3.8461830826e+1
278.47	38.463212059	3.8463212059e+1
278.48	38.464593293	3.8464593293e+1
278.49	38.465974526	3.8465974526e+1
278.5	38.46735576	3.846735576e+1
278.51	38.468736994	3.8468736994e+1
278.52	38.470118227	3.8470118227e+1
278.53	38.471499461	3.8471499461e+1
278.54	38.472880694	3.8472880694e+1
278.55	38.474261928	3.8474261928e+1
278.56	38.475643162	3.8475643162e+1
278.57	38.477024395	3.8477024395e+1
278.58	38.478405629	3.8478405629e+1
278.59	38.479786862	3.8479786862e+1
278.6	38.481168096	3.8481168096e+1
278.61	38.48254933	3.848254933e+1
278.62	38.483930563	3.8483930563e+1
278.63	38.485311797	3.8485311797e+1
278.64	38.48669303	3.848669303e+1
278.65	38.488074264	3.8488074264e+1
278.66	38.489455498	3.8489455498e+1
278.67	38.490836731	3.8490836731e+1
278.68	38.492217965	3.8492217965e+1

278.69	38.493599198	3.8493599198e+1
278.7	38.494980432	3.8494980432e+1
278.71	38.496361666	3.8496361666e+1
278.72	38.497742899	3.8497742899e+1
278.73	38.499124133	3.8499124133e+1
278.74	38.500505366	3.8500505366e+1
278.75	38.5018866	3.85018866e+1
278.76	38.503267834	3.8503267834e+1
278.77	38.504649067	3.8504649067e+1
278.78	38.506030301	3.8506030301e+1
278.79	38.507411534	3.8507411534e+1
278.8	38.508792768	3.8508792768e+1
278.81	38.510174002	3.8510174002e+1
278.82	38.511555235	3.8511555235e+1
278.83	38.512936469	3.8512936469e+1
278.84	38.514317702	3.8514317702e+1
278.85	38.515698936	3.8515698936e+1
278.86	38.51708017	3.851708017e+1
278.87	38.518461403	3.8518461403e+1
278.88	38.519842637	3.8519842637e+1
278.89	38.52122387	3.852122387e+1
278.9	38.522605104	3.8522605104e+1
278.91	38.523986338	3.8523986338e+1
278.92	38.525367571	3.8525367571e+1
278.93	38.526748805	3.8526748805e+1
278.94	38.528130038	3.8528130038e+1
278.95	38.529511272	3.8529511272e+1
278.96	38.530892506	3.8530892506e+1
278.97	38.532273739	3.8532273739e+1
278.98	38.533654973	3.8533654973e+1
278.99	38.535036206	3.8535036206e+1
279	38.53641744	3.853641744e+1
279.01	38.537798674	3.8537798674e+1
279.02	38.539179907	3.8539179907e+1
279.03	38.540561141	3.8540561141e+1
279.04	38.541942374	3.8541942374e+1
279.05	38.543323608	3.8543323608e+1
279.06	38.544704842	3.8544704842e+1

279.07	38.546086075	3.8546086075e+1
279.08	38.547467309	3.8547467309e+1
279.09	38.548848542	3.8548848542e+1
279.1	38.550229776	3.8550229776e+1
279.11	38.55161101	3.855161101e+1
279.12	38.552992243	3.8552992243e+1
279.13	38.554373477	3.8554373477e+1
279.14	38.55575471	3.855575471e+1
279.15	38.557135944	3.8557135944e+1
279.16	38.558517178	3.8558517178e+1
279.17	38.559898411	3.8559898411e+1
279.18	38.561279645	3.8561279645e+1
279.19	38.562660878	3.8562660878e+1
279.2	38.564042112	3.8564042112e+1
279.21	38.565423346	3.8565423346e+1
279.22	38.566804579	3.8566804579e+1
279.23	38.568185813	3.8568185813e+1
279.24	38.569567046	3.8569567046e+1
279.25	38.57094828	3.857094828e+1
279.26	38.572329514	3.8572329514e+1
279.27	38.573710747	3.8573710747e+1
279.28	38.575091981	3.8575091981e+1
279.29	38.576473214	3.8576473214e+1
279.3	38.577854448	3.8577854448e+1
279.31	38.579235682	3.8579235682e+1
279.32	38.580616915	3.8580616915e+1
279.33	38.581998149	3.8581998149e+1
279.34	38.583379382	3.8583379382e+1
279.35	38.584760616	3.8584760616e+1
279.36	38.58614185	3.858614185e+1
279.37	38.587523083	3.8587523083e+1
279.38	38.588904317	3.8588904317e+1
279.39	38.59028555	3.859028555e+1
279.4	38.591666784	3.8591666784e+1
279.41	38.593048018	3.8593048018e+1
279.42	38.594429251	3.8594429251e+1
279.43	38.595810485	3.8595810485e+1
279.44	38.597191718	3.8597191718e+1

279.45	38.598572952	3.8598572952e+1
279.46	38.599954186	3.8599954186e+1
279.47	38.601335419	3.8601335419e+1
279.48	38.602716653	3.8602716653e+1
279.49	38.604097886	3.8604097886e+1
279.5	38.60547912	3.860547912e+1
279.51	38.606860354	3.8606860354e+1
279.52	38.608241587	3.8608241587e+1
279.53	38.609622821	3.8609622821e+1
279.54	38.611004054	3.8611004054e+1
279.55	38.612385288	3.8612385288e+1
279.56	38.613766522	3.8613766522e+1
279.57	38.615147755	3.8615147755e+1
279.58	38.616528989	3.8616528989e+1
279.59	38.617910222	3.8617910222e+1
279.6	38.619291456	3.8619291456e+1
279.61	38.62067269	3.862067269e+1
279.62	38.622053923	3.8622053923e+1
279.63	38.623435157	3.8623435157e+1
279.64	38.62481639	3.862481639e+1
279.65	38.626197624	3.8626197624e+1
279.66	38.627578858	3.8627578858e+1
279.67	38.628960091	3.8628960091e+1
279.68	38.630341325	3.8630341325e+1
279.69	38.631722558	3.8631722558e+1
279.7	38.633103792	3.8633103792e+1
279.71	38.634485026	3.8634485026e+1
279.72	38.635866259	3.8635866259e+1
279.73	38.637247493	3.8637247493e+1
279.74	38.638628726	3.8638628726e+1
279.75	38.64000996	3.864000996e+1
279.76	38.641391194	3.8641391194e+1
279.77	38.642772427	3.8642772427e+1
279.78	38.644153661	3.8644153661e+1
279.79	38.645534894	3.8645534894e+1
279.8	38.646916128	3.8646916128e+1
279.81	38.648297362	3.8648297362e+1
279.82	38.649678595	3.8649678595e+1

279.83	38.651059829	3.8651059829e+1
279.84	38.652441062	3.8652441062e+1
279.85	38.653822296	3.8653822296e+1
279.86	38.65520353	3.865520353e+1
279.87	38.656584763	3.8656584763e+1
279.88	38.657965997	3.8657965997e+1
279.89	38.65934723	3.865934723e+1
279.9	38.660728464	3.8660728464e+1
279.91	38.662109698	3.8662109698e+1
279.92	38.663490931	3.8663490931e+1
279.93	38.664872165	3.8664872165e+1
279.94	38.666253398	3.8666253398e+1
279.95	38.667634632	3.8667634632e+1
279.96	38.669015866	3.8669015866e+1
279.97	38.670397099	3.8670397099e+1
279.98	38.671778333	3.8671778333e+1
279.99	38.673159566	3.8673159566e+1
280	38.6745408	3.86745408e+1
280.01	38.675922034	3.8675922034e+1
280.02	38.677303267	3.8677303267e+1
280.03	38.678684501	3.8678684501e+1
280.04	38.680065734	3.8680065734e+1
280.05	38.681446968	3.8681446968e+1
280.06	38.682828202	3.8682828202e+1
280.07	38.684209435	3.8684209435e+1
280.08	38.685590669	3.8685590669e+1
280.09	38.686971902	3.8686971902e+1
280.1	38.688353136	3.8688353136e+1
280.11	38.68973437	3.868973437e+1
280.12	38.691115603	3.8691115603e+1
280.13	38.692496837	3.8692496837e+1
280.14	38.69387807	3.869387807e+1
280.15	38.695259304	3.8695259304e+1
280.16	38.696640538	3.8696640538e+1
280.17	38.698021771	3.8698021771e+1
280.18	38.699403005	3.8699403005e+1
280.19	38.700784238	3.8700784238e+1
280.2	38.702165472	3.8702165472e+1

280.21	38.703546706	3.8703546706e+1
280.22	38.704927939	3.8704927939e+1
280.23	38.706309173	3.8706309173e+1
280.24	38.707690406	3.8707690406e+1
280.25	38.70907164	3.870907164e+1
280.26	38.710452874	3.8710452874e+1
280.27	38.711834107	3.8711834107e+1
280.28	38.713215341	3.8713215341e+1
280.29	38.714596574	3.8714596574e+1
280.3	38.715977808	3.8715977808e+1
280.31	38.717359042	3.8717359042e+1
280.32	38.718740275	3.8718740275e+1
280.33	38.720121509	3.8720121509e+1
280.34	38.721502742	3.8721502742e+1
280.35	38.722883976	3.8722883976e+1
280.36	38.72426521	3.872426521e+1
280.37	38.725646443	3.8725646443e+1
280.38	38.727027677	3.8727027677e+1
280.39	38.72840891	3.872840891e+1
280.4	38.729790144	3.8729790144e+1
280.41	38.731171378	3.8731171378e+1
280.42	38.732552611	3.8732552611e+1
280.43	38.733933845	3.8733933845e+1
280.44	38.735315078	3.8735315078e+1
280.45	38.736696312	3.8736696312e+1
280.46	38.738077546	3.8738077546e+1
280.47	38.739458779	3.8739458779e+1
280.48	38.740840013	3.8740840013e+1
280.49	38.742221246	3.8742221246e+1
280.5	38.74360248	3.874360248e+1
280.51	38.744983714	3.8744983714e+1
280.52	38.746364947	3.8746364947e+1
280.53	38.747746181	3.8747746181e+1
280.54	38.749127414	3.8749127414e+1
280.55	38.750508648	3.8750508648e+1
280.56	38.751889882	3.8751889882e+1
280.57	38.753271115	3.8753271115e+1
280.58	38.754652349	3.8754652349e+1

280.59	38.756033582	3.8756033582e+1
280.6	38.757414816	3.8757414816e+1
280.61	38.75879605	3.875879605e+1
280.62	38.760177283	3.8760177283e+1
280.63	38.761558517	3.8761558517e+1
280.64	38.76293975	3.876293975e+1
280.65	38.764320984	3.8764320984e+1
280.66	38.765702218	3.8765702218e+1
280.67	38.767083451	3.8767083451e+1
280.68	38.768464685	3.8768464685e+1
280.69	38.769845918	3.8769845918e+1
280.7	38.771227152	3.8771227152e+1
280.71	38.772608386	3.8772608386e+1
280.72	38.773989619	3.8773989619e+1
280.73	38.775370853	3.8775370853e+1
280.74	38.776752086	3.8776752086e+1
280.75	38.77813332	3.877813332e+1
280.76	38.779514554	3.8779514554e+1
280.77	38.780895787	3.8780895787e+1
280.78	38.782277021	3.8782277021e+1
280.79	38.783658254	3.8783658254e+1
280.8	38.785039488	3.8785039488e+1
280.81	38.786420722	3.8786420722e+1
280.82	38.787801955	3.8787801955e+1
280.83	38.789183189	3.8789183189e+1
280.84	38.790564422	3.8790564422e+1
280.85	38.791945656	3.8791945656e+1
280.86	38.79332689	3.879332689e+1
280.87	38.794708123	3.8794708123e+1
280.88	38.796089357	3.8796089357e+1
280.89	38.79747059	3.879747059e+1
280.9	38.798851824	3.8798851824e+1
280.91	38.800233058	3.8800233058e+1
280.92	38.801614291	3.8801614291e+1
280.93	38.802995525	3.8802995525e+1
280.94	38.804376758	3.8804376758e+1
280.95	38.805757992	3.8805757992e+1
280.96	38.807139226	3.8807139226e+1

280.97	38.808520459	3.8808520459e+1
280.98	38.809901693	3.8809901693e+1
280.99	38.811282926	3.8811282926e+1
281	38.81266416	3.881266416e+1
281.01	38.814045394	3.8814045394e+1
281.02	38.815426627	3.8815426627e+1
281.03	38.816807861	3.8816807861e+1
281.04	38.818189094	3.8818189094e+1
281.05	38.819570328	3.8819570328e+1
281.06	38.820951562	3.8820951562e+1
281.07	38.822332795	3.8822332795e+1
281.08	38.823714029	3.8823714029e+1
281.09	38.825095262	3.8825095262e+1
281.1	38.826476496	3.8826476496e+1
281.11	38.82785773	3.882785773e+1
281.12	38.829238963	3.8829238963e+1
281.13	38.830620197	3.8830620197e+1
281.14	38.83200143	3.883200143e+1
281.15	38.833382664	3.8833382664e+1
281.16	38.834763898	3.8834763898e+1
281.17	38.836145131	3.8836145131e+1
281.18	38.837526365	3.8837526365e+1
281.19	38.838907598	3.8838907598e+1
281.2	38.840288832	3.8840288832e+1
281.21	38.841670066	3.8841670066e+1
281.22	38.843051299	3.8843051299e+1
281.23	38.844432533	3.8844432533e+1
281.24	38.845813766	3.8845813766e+1
281.25	38.847195	3.8847195e+1
281.26	38.848576234	3.8848576234e+1
281.27	38.849957467	3.8849957467e+1
281.28	38.851338701	3.8851338701e+1
281.29	38.852719934	3.8852719934e+1
281.3	38.854101168	3.8854101168e+1
281.31	38.855482402	3.8855482402e+1
281.32	38.856863635	3.8856863635e+1
281.33	38.858244869	3.8858244869e+1
281.34	38.859626102	3.8859626102e+1

281.35	38.861007336	3.8861007336e+1
281.36	38.86238857	3.886238857e+1
281.37	38.863769803	3.8863769803e+1
281.38	38.865151037	3.8865151037e+1
281.39	38.86653227	3.886653227e+1
281.4	38.867913504	3.8867913504e+1
281.41	38.869294738	3.8869294738e+1
281.42	38.870675971	3.8870675971e+1
281.43	38.872057205	3.8872057205e+1
281.44	38.873438438	3.8873438438e+1
281.45	38.874819672	3.8874819672e+1
281.46	38.876200906	3.8876200906e+1
281.47	38.877582139	3.8877582139e+1
281.48	38.878963373	3.8878963373e+1
281.49	38.880344606	3.8880344606e+1
281.5	38.88172584	3.888172584e+1
281.51	38.883107074	3.8883107074e+1
281.52	38.884488307	3.8884488307e+1
281.53	38.885869541	3.8885869541e+1
281.54	38.887250774	3.8887250774e+1
281.55	38.888632008	3.8888632008e+1
281.56	38.890013242	3.8890013242e+1
281.57	38.891394475	3.8891394475e+1
281.58	38.892775709	3.8892775709e+1
281.59	38.894156942	3.8894156942e+1
281.6	38.895538176	3.8895538176e+1
281.61	38.89691941	3.889691941e+1
281.62	38.898300643	3.8898300643e+1
281.63	38.899681877	3.8899681877e+1
281.64	38.90106311	3.890106311e+1
281.65	38.902444344	3.8902444344e+1
281.66	38.903825578	3.8903825578e+1
281.67	38.905206811	3.8905206811e+1
281.68	38.906588045	3.8906588045e+1
281.69	38.907969278	3.8907969278e+1
281.7	38.909350512	3.8909350512e+1
281.71	38.910731746	3.8910731746e+1
281.72	38.912112979	3.8912112979e+1

281.73	38.913494213	3.8913494213e+1
281.74	38.914875446	3.8914875446e+1
281.75	38.91625668	3.891625668e+1
281.76	38.917637914	3.8917637914e+1
281.77	38.919019147	3.8919019147e+1
281.78	38.920400381	3.8920400381e+1
281.79	38.921781614	3.8921781614e+1
281.8	38.923162848	3.8923162848e+1
281.81	38.924544082	3.8924544082e+1
281.82	38.925925315	3.8925925315e+1
281.83	38.927306549	3.8927306549e+1
281.84	38.928687782	3.8928687782e+1
281.85	38.930069016	3.8930069016e+1
281.86	38.93145025	3.893145025e+1
281.87	38.932831483	3.8932831483e+1
281.88	38.934212717	3.8934212717e+1
281.89	38.93559395	3.893559395e+1
281.9	38.936975184	3.8936975184e+1
281.91	38.938356418	3.8938356418e+1
281.92	38.939737651	3.8939737651e+1
281.93	38.941118885	3.8941118885e+1
281.94	38.942500118	3.8942500118e+1
281.95	38.943881352	3.8943881352e+1
281.96	38.945262586	3.8945262586e+1
281.97	38.946643819	3.8946643819e+1
281.98	38.948025053	3.8948025053e+1
281.99	38.949406286	3.8949406286e+1
282	38.95078752	3.895078752e+1
282.01	38.952168754	3.8952168754e+1
282.02	38.953549987	3.8953549987e+1
282.03	38.954931221	3.8954931221e+1
282.04	38.956312454	3.8956312454e+1
282.05	38.957693688	3.8957693688e+1
282.06	38.959074922	3.8959074922e+1
282.07	38.960456155	3.8960456155e+1
282.08	38.961837389	3.8961837389e+1
282.09	38.963218622	3.8963218622e+1
282.1	38.964599856	3.8964599856e+1

282.11	38.96598109	3.896598109e+1
282.12	38.967362323	3.8967362323e+1
282.13	38.968743557	3.8968743557e+1
282.14	38.97012479	3.897012479e+1
282.15	38.971506024	3.8971506024e+1
282.16	38.972887258	3.8972887258e+1
282.17	38.974268491	3.8974268491e+1
282.18	38.975649725	3.8975649725e+1
282.19	38.977030958	3.8977030958e+1
282.2	38.978412192	3.8978412192e+1
282.21	38.979793426	3.8979793426e+1
282.22	38.981174659	3.8981174659e+1
282.23	38.982555893	3.8982555893e+1
282.24	38.983937126	3.8983937126e+1
282.25	38.98531836	3.898531836e+1
282.26	38.986699594	3.8986699594e+1
282.27	38.988080827	3.8988080827e+1
282.28	38.989462061	3.8989462061e+1
282.29	38.990843294	3.8990843294e+1
282.3	38.992224528	3.8992224528e+1
282.31	38.993605762	3.8993605762e+1
282.32	38.994986995	3.8994986995e+1
282.33	38.996368229	3.8996368229e+1
282.34	38.997749462	3.8997749462e+1
282.35	38.999130696	3.8999130696e+1
282.36	39.00051193	3.900051193e+1
282.37	39.001893163	3.9001893163e+1
282.38	39.003274397	3.9003274397e+1
282.39	39.00465563	3.900465563e+1
282.4	39.006036864	3.9006036864e+1
282.41	39.007418098	3.9007418098e+1
282.42	39.008799331	3.9008799331e+1
282.43	39.010180565	3.9010180565e+1
282.44	39.011561798	3.9011561798e+1
282.45	39.012943032	3.9012943032e+1
282.46	39.014324266	3.9014324266e+1
282.47	39.015705499	3.9015705499e+1
282.48	39.017086733	3.9017086733e+1

282.49	39.018467966	3.9018467966e+1
282.5	39.0198492	3.90198492e+1
282.51	39.021230434	3.9021230434e+1
282.52	39.022611667	3.9022611667e+1
282.53	39.023992901	3.9023992901e+1
282.54	39.025374134	3.9025374134e+1
282.55	39.026755368	3.9026755368e+1
282.56	39.028136602	3.9028136602e+1
282.57	39.029517835	3.9029517835e+1
282.58	39.030899069	3.9030899069e+1
282.59	39.032280302	3.9032280302e+1
282.6	39.033661536	3.9033661536e+1
282.61	39.03504277	3.903504277e+1
282.62	39.036424003	3.9036424003e+1
282.63	39.037805237	3.9037805237e+1
282.64	39.03918647	3.903918647e+1
282.65	39.040567704	3.9040567704e+1
282.66	39.041948938	3.9041948938e+1
282.67	39.043330171	3.9043330171e+1
282.68	39.044711405	3.9044711405e+1
282.69	39.046092638	3.9046092638e+1
282.7	39.047473872	3.9047473872e+1
282.71	39.048855106	3.9048855106e+1
282.72	39.050236339	3.9050236339e+1
282.73	39.051617573	3.9051617573e+1
282.74	39.052998806	3.9052998806e+1
282.75	39.05438004	3.905438004e+1
282.76	39.055761274	3.9055761274e+1
282.77	39.057142507	3.9057142507e+1
282.78	39.058523741	3.9058523741e+1
282.79	39.059904974	3.9059904974e+1
282.8	39.061286208	3.9061286208e+1
282.81	39.062667442	3.9062667442e+1
282.82	39.064048675	3.9064048675e+1
282.83	39.065429909	3.9065429909e+1
282.84	39.066811142	3.9066811142e+1
282.85	39.068192376	3.9068192376e+1
282.86	39.06957361	3.906957361e+1

282.87	39.070954843	3.9070954843e+1
282.88	39.072336077	3.9072336077e+1
282.89	39.07371731	3.907371731e+1
282.9	39.075098544	3.9075098544e+1
282.91	39.076479778	3.9076479778e+1
282.92	39.077861011	3.9077861011e+1
282.93	39.079242245	3.9079242245e+1
282.94	39.080623478	3.9080623478e+1
282.95	39.082004712	3.9082004712e+1
282.96	39.083385946	3.9083385946e+1
282.97	39.084767179	3.9084767179e+1
282.98	39.086148413	3.9086148413e+1
282.99	39.087529646	3.9087529646e+1
283	39.08891088	3.908891088e+1
283.01	39.090292114	3.9090292114e+1
283.02	39.091673347	3.9091673347e+1
283.03	39.093054581	3.9093054581e+1
283.04	39.094435814	3.9094435814e+1
283.05	39.095817048	3.9095817048e+1
283.06	39.097198282	3.9097198282e+1
283.07	39.098579515	3.9098579515e+1
283.08	39.099960749	3.9099960749e+1
283.09	39.101341982	3.9101341982e+1
283.1	39.102723216	3.9102723216e+1
283.11	39.10410445	3.910410445e+1
283.12	39.105485683	3.9105485683e+1
283.13	39.106866917	3.9106866917e+1
283.14	39.10824815	3.910824815e+1
283.15	39.109629384	3.9109629384e+1
283.16	39.111010618	3.9111010618e+1
283.17	39.112391851	3.9112391851e+1
283.18	39.113773085	3.9113773085e+1
283.19	39.115154318	3.9115154318e+1
283.2	39.116535552	3.9116535552e+1
283.21	39.117916786	3.9117916786e+1
283.22	39.119298019	3.9119298019e+1
283.23	39.120679253	3.9120679253e+1
283.24	39.122060486	3.9122060486e+1

283.25	39.12344172	3.912344172e+1
283.26	39.124822954	3.9124822954e+1
283.27	39.126204187	3.9126204187e+1
283.28	39.127585421	3.9127585421e+1
283.29	39.128966654	3.9128966654e+1
283.3	39.130347888	3.9130347888e+1
283.31	39.131729122	3.9131729122e+1
283.32	39.133110355	3.9133110355e+1
283.33	39.134491589	3.9134491589e+1
283.34	39.135872822	3.9135872822e+1
283.35	39.137254056	3.9137254056e+1
283.36	39.13863529	3.913863529e+1
283.37	39.140016523	3.9140016523e+1
283.38	39.141397757	3.9141397757e+1
283.39	39.14277899	3.914277899e+1
283.4	39.144160224	3.9144160224e+1
283.41	39.145541458	3.9145541458e+1
283.42	39.146922691	3.9146922691e+1
283.43	39.148303925	3.9148303925e+1
283.44	39.149685158	3.9149685158e+1
283.45	39.151066392	3.9151066392e+1
283.46	39.152447626	3.9152447626e+1
283.47	39.153828859	3.9153828859e+1
283.48	39.155210093	3.9155210093e+1
283.49	39.156591326	3.9156591326e+1
283.5	39.15797256	3.915797256e+1
283.51	39.159353794	3.9159353794e+1
283.52	39.160735027	3.9160735027e+1
283.53	39.162116261	3.9162116261e+1
283.54	39.163497494	3.9163497494e+1
283.55	39.164878728	3.9164878728e+1
283.56	39.166259962	3.9166259962e+1
283.57	39.167641195	3.9167641195e+1
283.58	39.169022429	3.9169022429e+1
283.59	39.170403662	3.9170403662e+1
283.6	39.171784896	3.9171784896e+1
283.61	39.17316613	3.917316613e+1
283.62	39.174547363	3.9174547363e+1

283.63	39.175928597	3.9175928597e+1
283.64	39.17730983	3.917730983e+1
283.65	39.178691064	3.9178691064e+1
283.66	39.180072298	3.9180072298e+1
283.67	39.181453531	3.9181453531e+1
283.68	39.182834765	3.9182834765e+1
283.69	39.184215998	3.9184215998e+1
283.7	39.185597232	3.9185597232e+1
283.71	39.186978466	3.9186978466e+1
283.72	39.188359699	3.9188359699e+1
283.73	39.189740933	3.9189740933e+1
283.74	39.191122166	3.9191122166e+1
283.75	39.1925034	3.91925034e+1
283.76	39.193884634	3.9193884634e+1
283.77	39.195265867	3.9195265867e+1
283.78	39.196647101	3.9196647101e+1
283.79	39.198028334	3.9198028334e+1
283.8	39.199409568	3.9199409568e+1
283.81	39.200790802	3.9200790802e+1
283.82	39.202172035	3.9202172035e+1
283.83	39.203553269	3.9203553269e+1
283.84	39.204934502	3.9204934502e+1
283.85	39.206315736	3.9206315736e+1
283.86	39.20769697	3.920769697e+1
283.87	39.209078203	3.9209078203e+1
283.88	39.210459437	3.9210459437e+1
283.89	39.21184067	3.921184067e+1
283.9	39.213221904	3.9213221904e+1
283.91	39.214603138	3.9214603138e+1
283.92	39.215984371	3.9215984371e+1
283.93	39.217365605	3.9217365605e+1
283.94	39.218746838	3.9218746838e+1
283.95	39.220128072	3.9220128072e+1
283.96	39.221509306	3.9221509306e+1
283.97	39.222890539	3.9222890539e+1
283.98	39.224271773	3.9224271773e+1
283.99	39.225653006	3.9225653006e+1
284	39.22703424	3.922703424e+1

284.01	39.228415474	3.9228415474e+1
284.02	39.229796707	3.9229796707e+1
284.03	39.231177941	3.9231177941e+1
284.04	39.232559174	3.9232559174e+1
284.05	39.233940408	3.9233940408e+1
284.06	39.235321642	3.9235321642e+1
284.07	39.236702875	3.9236702875e+1
284.08	39.238084109	3.9238084109e+1
284.09	39.239465342	3.9239465342e+1
284.1	39.240846576	3.9240846576e+1
284.11	39.24222781	3.924222781e+1
284.12	39.243609043	3.9243609043e+1
284.13	39.244990277	3.9244990277e+1
284.14	39.24637151	3.924637151e+1
284.15	39.247752744	3.9247752744e+1
284.16	39.249133978	3.9249133978e+1
284.17	39.250515211	3.9250515211e+1
284.18	39.251896445	3.9251896445e+1
284.19	39.253277678	3.9253277678e+1
284.2	39.254658912	3.9254658912e+1
284.21	39.256040146	3.9256040146e+1
284.22	39.257421379	3.9257421379e+1
284.23	39.258802613	3.9258802613e+1
284.24	39.260183846	3.9260183846e+1
284.25	39.26156508	3.926156508e+1
284.26	39.262946314	3.9262946314e+1
284.27	39.264327547	3.9264327547e+1
284.28	39.265708781	3.9265708781e+1
284.29	39.267090014	3.9267090014e+1
284.3	39.268471248	3.9268471248e+1
284.31	39.269852482	3.9269852482e+1
284.32	39.271233715	3.9271233715e+1
284.33	39.272614949	3.9272614949e+1
284.34	39.273996182	3.9273996182e+1
284.35	39.275377416	3.9275377416e+1
284.36	39.27675865	3.927675865e+1
284.37	39.278139883	3.9278139883e+1
284.38	39.279521117	3.9279521117e+1

284.39	39.28090235	3.928090235e+1
284.4	39.282283584	3.9282283584e+1
284.41	39.283664818	3.9283664818e+1
284.42	39.285046051	3.9285046051e+1
284.43	39.286427285	3.9286427285e+1
284.44	39.287808518	3.9287808518e+1
284.45	39.289189752	3.9289189752e+1
284.46	39.290570986	3.9290570986e+1
284.47	39.291952219	3.9291952219e+1
284.48	39.293333453	3.9293333453e+1
284.49	39.294714686	3.9294714686e+1
284.5	39.29609592	3.929609592e+1
284.51	39.297477154	3.9297477154e+1
284.52	39.298858387	3.9298858387e+1
284.53	39.300239621	3.9300239621e+1
284.54	39.301620854	3.9301620854e+1
284.55	39.303002088	3.9303002088e+1
284.56	39.304383322	3.9304383322e+1
284.57	39.305764555	3.9305764555e+1
284.58	39.307145789	3.9307145789e+1
284.59	39.308527022	3.9308527022e+1
284.6	39.309908256	3.9309908256e+1
284.61	39.31128949	3.931128949e+1
284.62	39.312670723	3.9312670723e+1
284.63	39.314051957	3.9314051957e+1
284.64	39.31543319	3.931543319e+1
284.65	39.316814424	3.9316814424e+1
284.66	39.318195658	3.9318195658e+1
284.67	39.319576891	3.9319576891e+1
284.68	39.320958125	3.9320958125e+1
284.69	39.322339358	3.9322339358e+1
284.7	39.323720592	3.9323720592e+1
284.71	39.325101826	3.9325101826e+1
284.72	39.326483059	3.9326483059e+1
284.73	39.327864293	3.9327864293e+1
284.74	39.329245526	3.9329245526e+1
284.75	39.33062676	3.933062676e+1
284.76	39.332007994	3.9332007994e+1

284.77	39.333389227	3.9333389227e+1
284.78	39.334770461	3.9334770461e+1
284.79	39.336151694	3.9336151694e+1
284.8	39.337532928	3.9337532928e+1
284.81	39.338914162	3.9338914162e+1
284.82	39.340295395	3.9340295395e+1
284.83	39.341676629	3.9341676629e+1
284.84	39.343057862	3.9343057862e+1
284.85	39.344439096	3.9344439096e+1
284.86	39.34582033	3.934582033e+1
284.87	39.347201563	3.9347201563e+1
284.88	39.348582797	3.9348582797e+1
284.89	39.34996403	3.934996403e+1
284.9	39.351345264	3.9351345264e+1
284.91	39.352726498	3.9352726498e+1
284.92	39.354107731	3.9354107731e+1
284.93	39.355488965	3.9355488965e+1
284.94	39.356870198	3.9356870198e+1
284.95	39.358251432	3.9358251432e+1
284.96	39.359632666	3.9359632666e+1
284.97	39.361013899	3.9361013899e+1
284.98	39.362395133	3.9362395133e+1
284.99	39.363776366	3.9363776366e+1
285	39.3651576	3.93651576e+1
285.01	39.366538834	3.9366538834e+1
285.02	39.367920067	3.9367920067e+1
285.03	39.369301301	3.9369301301e+1
285.04	39.370682534	3.9370682534e+1
285.05	39.372063768	3.9372063768e+1
285.06	39.373445002	3.9373445002e+1
285.07	39.374826235	3.9374826235e+1
285.08	39.376207469	3.9376207469e+1
285.09	39.377588702	3.9377588702e+1
285.1	39.378969936	3.9378969936e+1
285.11	39.38035117	3.938035117e+1
285.12	39.381732403	3.9381732403e+1
285.13	39.383113637	3.9383113637e+1
285.14	39.38449487	3.938449487e+1

285.15	39.385876104	3.9385876104e+1
285.16	39.387257338	3.9387257338e+1
285.17	39.388638571	3.9388638571e+1
285.18	39.390019805	3.9390019805e+1
285.19	39.391401038	3.9391401038e+1
285.2	39.392782272	3.9392782272e+1
285.21	39.394163506	3.9394163506e+1
285.22	39.395544739	3.9395544739e+1
285.23	39.396925973	3.9396925973e+1
285.24	39.398307206	3.9398307206e+1
285.25	39.39968844	3.939968844e+1
285.26	39.401069674	3.9401069674e+1
285.27	39.402450907	3.9402450907e+1
285.28	39.403832141	3.9403832141e+1
285.29	39.405213374	3.9405213374e+1
285.3	39.406594608	3.9406594608e+1
285.31	39.407975842	3.9407975842e+1
285.32	39.409357075	3.9409357075e+1
285.33	39.410738309	3.9410738309e+1
285.34	39.412119542	3.9412119542e+1
285.35	39.413500776	3.9413500776e+1
285.36	39.41488201	3.941488201e+1
285.37	39.416263243	3.9416263243e+1
285.38	39.417644477	3.9417644477e+1
285.39	39.41902571	3.941902571e+1
285.4	39.420406944	3.9420406944e+1
285.41	39.421788178	3.9421788178e+1
285.42	39.423169411	3.9423169411e+1
285.43	39.424550645	3.9424550645e+1
285.44	39.425931878	3.9425931878e+1
285.45	39.427313112	3.9427313112e+1
285.46	39.428694346	3.9428694346e+1
285.47	39.430075579	3.9430075579e+1
285.48	39.431456813	3.9431456813e+1
285.49	39.432838046	3.9432838046e+1
285.5	39.43421928	3.943421928e+1
285.51	39.435600514	3.9435600514e+1
285.52	39.436981747	3.9436981747e+1

285.53	39.438362981	3.9438362981e+1
285.54	39.439744214	3.9439744214e+1
285.55	39.441125448	3.9441125448e+1
285.56	39.442506682	3.9442506682e+1
285.57	39.443887915	3.9443887915e+1
285.58	39.445269149	3.9445269149e+1
285.59	39.446650382	3.9446650382e+1
285.6	39.448031616	3.9448031616e+1
285.61	39.44941285	3.944941285e+1
285.62	39.450794083	3.9450794083e+1
285.63	39.452175317	3.9452175317e+1
285.64	39.45355655	3.945355655e+1
285.65	39.454937784	3.9454937784e+1
285.66	39.456319018	3.9456319018e+1
285.67	39.457700251	3.9457700251e+1
285.68	39.459081485	3.9459081485e+1
285.69	39.460462718	3.9460462718e+1
285.7	39.461843952	3.9461843952e+1
285.71	39.463225186	3.9463225186e+1
285.72	39.464606419	3.9464606419e+1
285.73	39.465987653	3.9465987653e+1
285.74	39.467368886	3.9467368886e+1
285.75	39.46875012	3.946875012e+1
285.76	39.470131354	3.9470131354e+1
285.77	39.471512587	3.9471512587e+1
285.78	39.472893821	3.9472893821e+1
285.79	39.474275054	3.9474275054e+1
285.8	39.475656288	3.9475656288e+1
285.81	39.477037522	3.9477037522e+1
285.82	39.478418755	3.9478418755e+1
285.83	39.479799989	3.9479799989e+1
285.84	39.481181222	3.9481181222e+1
285.85	39.482562456	3.9482562456e+1
285.86	39.48394369	3.948394369e+1
285.87	39.485324923	3.9485324923e+1
285.88	39.486706157	3.9486706157e+1
285.89	39.48808739	3.948808739e+1
285.9	39.489468624	3.9489468624e+1

285.91	39.490849858	3.9490849858e+1
285.92	39.492231091	3.9492231091e+1
285.93	39.493612325	3.9493612325e+1
285.94	39.494993558	3.9494993558e+1
285.95	39.496374792	3.9496374792e+1
285.96	39.497756026	3.9497756026e+1
285.97	39.499137259	3.9499137259e+1
285.98	39.500518493	3.9500518493e+1
285.99	39.501899726	3.9501899726e+1
286	39.50328096	3.950328096e+1
286.01	39.504662194	3.9504662194e+1
286.02	39.506043427	3.9506043427e+1
286.03	39.507424661	3.9507424661e+1
286.04	39.508805894	3.9508805894e+1
286.05	39.510187128	3.9510187128e+1
286.06	39.511568362	3.9511568362e+1
286.07	39.512949595	3.9512949595e+1
286.08	39.514330829	3.9514330829e+1
286.09	39.515712062	3.9515712062e+1
286.1	39.517093296	3.9517093296e+1
286.11	39.51847453	3.951847453e+1
286.12	39.519855763	3.9519855763e+1
286.13	39.521236997	3.9521236997e+1
286.14	39.52261823	3.952261823e+1
286.15	39.523999464	3.9523999464e+1
286.16	39.525380698	3.9525380698e+1
286.17	39.526761931	3.9526761931e+1
286.18	39.528143165	3.9528143165e+1
286.19	39.529524398	3.9529524398e+1
286.2	39.530905632	3.9530905632e+1
286.21	39.532286866	3.9532286866e+1
286.22	39.533668099	3.9533668099e+1
286.23	39.535049333	3.9535049333e+1
286.24	39.536430566	3.9536430566e+1
286.25	39.5378118	3.95378118e+1
286.26	39.539193034	3.9539193034e+1
286.27	39.540574267	3.9540574267e+1
286.28	39.541955501	3.9541955501e+1

286.29	39.543336734	3.9543336734e+1
286.3	39.544717968	3.9544717968e+1
286.31	39.546099202	3.9546099202e+1
286.32	39.547480435	3.9547480435e+1
286.33	39.548861669	3.9548861669e+1
286.34	39.550242902	3.9550242902e+1
286.35	39.551624136	3.9551624136e+1
286.36	39.55300537	3.955300537e+1
286.37	39.554386603	3.9554386603e+1
286.38	39.555767837	3.9555767837e+1
286.39	39.55714907	3.955714907e+1
286.4	39.558530304	3.9558530304e+1
286.41	39.559911538	3.9559911538e+1
286.42	39.561292771	3.9561292771e+1
286.43	39.562674005	3.9562674005e+1
286.44	39.564055238	3.9564055238e+1
286.45	39.565436472	3.9565436472e+1
286.46	39.566817706	3.9566817706e+1
286.47	39.568198939	3.9568198939e+1
286.48	39.569580173	3.9569580173e+1
286.49	39.570961406	3.9570961406e+1
286.5	39.57234264	3.957234264e+1
286.51	39.573723874	3.9573723874e+1
286.52	39.575105107	3.9575105107e+1
286.53	39.576486341	3.9576486341e+1
286.54	39.577867574	3.9577867574e+1
286.55	39.579248808	3.9579248808e+1
286.56	39.580630042	3.9580630042e+1
286.57	39.582011275	3.9582011275e+1
286.58	39.583392509	3.9583392509e+1
286.59	39.584773742	3.9584773742e+1
286.6	39.586154976	3.9586154976e+1
286.61	39.58753621	3.958753621e+1
286.62	39.588917443	3.9588917443e+1
286.63	39.590298677	3.9590298677e+1
286.64	39.59167991	3.959167991e+1
286.65	39.593061144	3.9593061144e+1
286.66	39.594442378	3.9594442378e+1

286.67	39.595823611	3.9595823611e+1
286.68	39.597204845	3.9597204845e+1
286.69	39.598586078	3.9598586078e+1
286.7	39.599967312	3.9599967312e+1
286.71	39.601348546	3.9601348546e+1
286.72	39.602729779	3.9602729779e+1
286.73	39.604111013	3.9604111013e+1
286.74	39.605492246	3.9605492246e+1
286.75	39.60687348	3.960687348e+1
286.76	39.608254714	3.9608254714e+1
286.77	39.609635947	3.9609635947e+1
286.78	39.611017181	3.9611017181e+1
286.79	39.612398414	3.9612398414e+1
286.8	39.613779648	3.9613779648e+1
286.81	39.615160882	3.9615160882e+1
286.82	39.616542115	3.9616542115e+1
286.83	39.617923349	3.9617923349e+1
286.84	39.619304582	3.9619304582e+1
286.85	39.620685816	3.9620685816e+1
286.86	39.62206705	3.962206705e+1
286.87	39.623448283	3.9623448283e+1
286.88	39.624829517	3.9624829517e+1
286.89	39.62621075	3.962621075e+1
286.9	39.627591984	3.9627591984e+1
286.91	39.628973218	3.9628973218e+1
286.92	39.630354451	3.9630354451e+1
286.93	39.631735685	3.9631735685e+1
286.94	39.633116918	3.9633116918e+1
286.95	39.634498152	3.9634498152e+1
286.96	39.635879386	3.9635879386e+1
286.97	39.637260619	3.9637260619e+1
286.98	39.638641853	3.9638641853e+1
286.99	39.640023086	3.9640023086e+1
287	39.64140432	3.964140432e+1
287.01	39.642785554	3.9642785554e+1
287.02	39.644166787	3.9644166787e+1
287.03	39.645548021	3.9645548021e+1
287.04	39.646929254	3.9646929254e+1

287.05	39.648310488	3.9648310488e+1
287.06	39.649691722	3.9649691722e+1
287.07	39.651072955	3.9651072955e+1
287.08	39.652454189	3.9652454189e+1
287.09	39.653835422	3.9653835422e+1
287.1	39.655216656	3.9655216656e+1
287.11	39.65659789	3.965659789e+1
287.12	39.657979123	3.9657979123e+1
287.13	39.659360357	3.9659360357e+1
287.14	39.66074159	3.966074159e+1
287.15	39.662122824	3.9662122824e+1
287.16	39.663504058	3.9663504058e+1
287.17	39.664885291	3.9664885291e+1
287.18	39.666266525	3.9666266525e+1
287.19	39.667647758	3.9667647758e+1
287.2	39.669028992	3.9669028992e+1
287.21	39.670410226	3.9670410226e+1
287.22	39.671791459	3.9671791459e+1
287.23	39.673172693	3.9673172693e+1
287.24	39.674553926	3.9674553926e+1
287.25	39.67593516	3.967593516e+1
287.26	39.677316394	3.9677316394e+1
287.27	39.678697627	3.9678697627e+1
287.28	39.680078861	3.9680078861e+1
287.29	39.681460094	3.9681460094e+1
287.3	39.682841328	3.9682841328e+1
287.31	39.684222562	3.9684222562e+1
287.32	39.685603795	3.9685603795e+1
287.33	39.686985029	3.9686985029e+1
287.34	39.688366262	3.9688366262e+1
287.35	39.689747496	3.9689747496e+1
287.36	39.69112873	3.969112873e+1
287.37	39.692509963	3.9692509963e+1
287.38	39.693891197	3.9693891197e+1
287.39	39.69527243	3.969527243e+1
287.4	39.696653664	3.9696653664e+1
287.41	39.698034898	3.9698034898e+1
287.42	39.699416131	3.9699416131e+1

287.43	39.700797365	3.9700797365e+1
287.44	39.702178598	3.9702178598e+1
287.45	39.703559832	3.9703559832e+1
287.46	39.704941066	3.9704941066e+1
287.47	39.706322299	3.9706322299e+1
287.48	39.707703533	3.9707703533e+1
287.49	39.709084766	3.9709084766e+1
287.5	39.710466	3.9710466e+1
287.51	39.711847234	3.9711847234e+1
287.52	39.713228467	3.9713228467e+1
287.53	39.714609701	3.9714609701e+1
287.54	39.715990934	3.9715990934e+1
287.55	39.717372168	3.9717372168e+1
287.56	39.718753402	3.9718753402e+1
287.57	39.720134635	3.9720134635e+1
287.58	39.721515869	3.9721515869e+1
287.59	39.722897102	3.9722897102e+1
287.6	39.724278336	3.9724278336e+1
287.61	39.72565957	3.972565957e+1
287.62	39.727040803	3.9727040803e+1
287.63	39.728422037	3.9728422037e+1
287.64	39.72980327	3.972980327e+1
287.65	39.731184504	3.9731184504e+1
287.66	39.732565738	3.9732565738e+1
287.67	39.733946971	3.9733946971e+1
287.68	39.735328205	3.9735328205e+1
287.69	39.736709438	3.9736709438e+1
287.7	39.738090672	3.9738090672e+1
287.71	39.739471906	3.9739471906e+1
287.72	39.740853139	3.9740853139e+1
287.73	39.742234373	3.9742234373e+1
287.74	39.743615606	3.9743615606e+1
287.75	39.74499684	3.974499684e+1
287.76	39.746378074	3.9746378074e+1
287.77	39.747759307	3.9747759307e+1
287.78	39.749140541	3.9749140541e+1
287.79	39.750521774	3.9750521774e+1
287.8	39.751903008	3.9751903008e+1

287.81	39.753284242	3.9753284242e+1
287.82	39.754665475	3.9754665475e+1
287.83	39.756046709	3.9756046709e+1
287.84	39.757427942	3.9757427942e+1
287.85	39.758809176	3.9758809176e+1
287.86	39.76019041	3.976019041e+1
287.87	39.761571643	3.9761571643e+1
287.88	39.762952877	3.9762952877e+1
287.89	39.76433411	3.976433411e+1
287.9	39.765715344	3.9765715344e+1
287.91	39.767096578	3.9767096578e+1
287.92	39.768477811	3.9768477811e+1
287.93	39.769859045	3.9769859045e+1
287.94	39.771240278	3.9771240278e+1
287.95	39.772621512	3.9772621512e+1
287.96	39.774002746	3.9774002746e+1
287.97	39.775383979	3.9775383979e+1
287.98	39.776765213	3.9776765213e+1
287.99	39.778146446	3.9778146446e+1
288	39.77952768	3.977952768e+1
288.01	39.780908914	3.9780908914e+1
288.02	39.782290147	3.9782290147e+1
288.03	39.783671381	3.9783671381e+1
288.04	39.785052614	3.9785052614e+1
288.05	39.786433848	3.9786433848e+1
288.06	39.787815082	3.9787815082e+1
288.07	39.789196315	3.9789196315e+1
288.08	39.790577549	3.9790577549e+1
288.09	39.791958782	3.9791958782e+1
288.1	39.793340016	3.9793340016e+1
288.11	39.79472125	3.979472125e+1
288.12	39.796102483	3.9796102483e+1
288.13	39.797483717	3.9797483717e+1
288.14	39.79886495	3.979886495e+1
288.15	39.800246184	3.9800246184e+1
288.16	39.801627418	3.9801627418e+1
288.17	39.803008651	3.9803008651e+1
288.18	39.804389885	3.9804389885e+1

288.19	39.805771118	3.9805771118e+1
288.2	39.807152352	3.9807152352e+1
288.21	39.808533586	3.9808533586e+1
288.22	39.809914819	3.9809914819e+1
288.23	39.811296053	3.9811296053e+1
288.24	39.812677286	3.9812677286e+1
288.25	39.81405852	3.981405852e+1
288.26	39.815439754	3.9815439754e+1
288.27	39.816820987	3.9816820987e+1
288.28	39.818202221	3.9818202221e+1
288.29	39.819583454	3.9819583454e+1
288.3	39.820964688	3.9820964688e+1
288.31	39.822345922	3.9822345922e+1
288.32	39.823727155	3.9823727155e+1
288.33	39.825108389	3.9825108389e+1
288.34	39.826489622	3.9826489622e+1
288.35	39.827870856	3.9827870856e+1
288.36	39.82925209	3.982925209e+1
288.37	39.830633323	3.9830633323e+1
288.38	39.832014557	3.9832014557e+1
288.39	39.83339579	3.9833339579e+1
288.4	39.834777024	3.9834777024e+1
288.41	39.836158258	3.9836158258e+1
288.42	39.837539491	3.9837539491e+1
288.43	39.838920725	3.9838920725e+1
288.44	39.840301958	3.9840301958e+1
288.45	39.841683192	3.9841683192e+1
288.46	39.843064426	3.9843064426e+1
288.47	39.844445659	3.9844445659e+1
288.48	39.845826893	3.9845826893e+1
288.49	39.847208126	3.9847208126e+1
288.5	39.84858936	3.984858936e+1
288.51	39.849970594	3.9849970594e+1
288.52	39.851351827	3.9851351827e+1
288.53	39.852733061	3.9852733061e+1
288.54	39.854114294	3.9854114294e+1
288.55	39.855495528	3.9855495528e+1
288.56	39.856876762	3.9856876762e+1

288.57	39.858257995	3.9858257995e+1
288.58	39.859639229	3.9859639229e+1
288.59	39.861020462	3.9861020462e+1
288.6	39.862401696	3.9862401696e+1
288.61	39.86378293	3.986378293e+1
288.62	39.865164163	3.9865164163e+1
288.63	39.866545397	3.9866545397e+1
288.64	39.86792663	3.986792663e+1
288.65	39.869307864	3.9869307864e+1
288.66	39.870689098	3.9870689098e+1
288.67	39.872070331	3.9872070331e+1
288.68	39.873451565	3.9873451565e+1
288.69	39.874832798	3.9874832798e+1
288.7	39.876214032	3.9876214032e+1
288.71	39.877595266	3.9877595266e+1
288.72	39.878976499	3.9878976499e+1
288.73	39.880357733	3.9880357733e+1
288.74	39.881738966	3.9881738966e+1
288.75	39.8831202	3.98831202e+1
288.76	39.884501434	3.9884501434e+1
288.77	39.885882667	3.9885882667e+1
288.78	39.887263901	3.9887263901e+1
288.79	39.888645134	3.9888645134e+1
288.8	39.890026368	3.9890026368e+1
288.81	39.891407602	3.9891407602e+1
288.82	39.892788835	3.9892788835e+1
288.83	39.894170069	3.9894170069e+1
288.84	39.895551302	3.9895551302e+1
288.85	39.896932536	3.9896932536e+1
288.86	39.89831377	3.989831377e+1
288.87	39.899695003	3.9899695003e+1
288.88	39.901076237	3.9901076237e+1
288.89	39.90245747	3.990245747e+1
288.9	39.903838704	3.9903838704e+1
288.91	39.905219938	3.9905219938e+1
288.92	39.906601171	3.9906601171e+1
288.93	39.907982405	3.9907982405e+1
288.94	39.909363638	3.9909363638e+1

288.95	39.910744872	3.9910744872e+1
288.96	39.912126106	3.9912126106e+1
288.97	39.913507339	3.9913507339e+1
288.98	39.914888573	3.9914888573e+1
288.99	39.916269806	3.9916269806e+1
289	39.91765104	3.991765104e+1
289.01	39.919032274	3.9919032274e+1
289.02	39.920413507	3.9920413507e+1
289.03	39.921794741	3.9921794741e+1
289.04	39.923175974	3.9923175974e+1
289.05	39.924557208	3.9924557208e+1
289.06	39.925938442	3.9925938442e+1
289.07	39.927319675	3.9927319675e+1
289.08	39.928700909	3.9928700909e+1
289.09	39.930082142	3.9930082142e+1
289.1	39.931463376	3.9931463376e+1
289.11	39.93284461	3.993284461e+1
289.12	39.934225843	3.9934225843e+1
289.13	39.935607077	3.9935607077e+1
289.14	39.93698831	3.993698831e+1
289.15	39.938369544	3.9938369544e+1
289.16	39.939750778	3.9939750778e+1
289.17	39.941132011	3.9941132011e+1
289.18	39.942513245	3.9942513245e+1
289.19	39.943894478	3.9943894478e+1
289.2	39.945275712	3.9945275712e+1
289.21	39.946656946	3.9946656946e+1
289.22	39.948038179	3.9948038179e+1
289.23	39.949419413	3.9949419413e+1
289.24	39.950800646	3.9950800646e+1
289.25	39.95218188	3.995218188e+1
289.26	39.953563114	3.9953563114e+1
289.27	39.954944347	3.9954944347e+1
289.28	39.956325581	3.9956325581e+1
289.29	39.957706814	3.9957706814e+1
289.3	39.959088048	3.9959088048e+1
289.31	39.960469282	3.9960469282e+1
289.32	39.961850515	3.9961850515e+1

289.33	39.963231749	3.9963231749e+1
289.34	39.964612982	3.9964612982e+1
289.35	39.965994216	3.9965994216e+1
289.36	39.96737545	3.996737545e+1
289.37	39.968756683	3.9968756683e+1
289.38	39.970137917	3.9970137917e+1
289.39	39.97151915	3.997151915e+1
289.4	39.972900384	3.9972900384e+1
289.41	39.974281618	3.9974281618e+1
289.42	39.975662851	3.9975662851e+1
289.43	39.977044085	3.9977044085e+1
289.44	39.978425318	3.9978425318e+1
289.45	39.979806552	3.9979806552e+1
289.46	39.981187786	3.9981187786e+1
289.47	39.982569019	3.9982569019e+1
289.48	39.983950253	3.9983950253e+1
289.49	39.985331486	3.9985331486e+1
289.5	39.98671272	3.998671272e+1
289.51	39.988093954	3.9988093954e+1
289.52	39.989475187	3.9989475187e+1
289.53	39.990856421	3.9990856421e+1
289.54	39.992237654	3.9992237654e+1
289.55	39.993618888	3.9993618888e+1
289.56	39.995000122	3.9995000122e+1
289.57	39.996381355	3.9996381355e+1
289.58	39.997762589	3.9997762589e+1
289.59	39.999143822	3.9999143822e+1
289.6	40.000525056	4.0000525056e+1
289.61	40.00190629	4.000190629e+1
289.62	40.003287523	4.0003287523e+1
289.63	40.004668757	4.0004668757e+1
289.64	40.00604999	4.000604999e+1
289.65	40.007431224	4.0007431224e+1
289.66	40.008812458	4.0008812458e+1
289.67	40.010193691	4.0010193691e+1
289.68	40.011574925	4.0011574925e+1
289.69	40.012956158	4.0012956158e+1
289.7	40.014337392	4.0014337392e+1

289.71	40.015718626	4.0015718626e+1
289.72	40.017099859	4.0017099859e+1
289.73	40.018481093	4.0018481093e+1
289.74	40.019862326	4.0019862326e+1
289.75	40.02124356	4.002124356e+1
289.76	40.022624794	4.0022624794e+1
289.77	40.024006027	4.0024006027e+1
289.78	40.025387261	4.0025387261e+1
289.79	40.026768494	4.0026768494e+1
289.8	40.028149728	4.0028149728e+1
289.81	40.029530962	4.0029530962e+1
289.82	40.030912195	4.0030912195e+1
289.83	40.032293429	4.0032293429e+1
289.84	40.033674662	4.0033674662e+1
289.85	40.035055896	4.0035055896e+1
289.86	40.03643713	4.003643713e+1
289.87	40.037818363	4.0037818363e+1
289.88	40.039199597	4.0039199597e+1
289.89	40.04058083	4.004058083e+1
289.9	40.041962064	4.0041962064e+1
289.91	40.043343298	4.0043343298e+1
289.92	40.044724531	4.0044724531e+1
289.93	40.046105765	4.0046105765e+1
289.94	40.047486998	4.0047486998e+1
289.95	40.048868232	4.0048868232e+1
289.96	40.050249466	4.0050249466e+1
289.97	40.051630699	4.0051630699e+1
289.98	40.053011933	4.0053011933e+1
289.99	40.054393166	4.0054393166e+1
290	40.0557744	4.00557744e+1
290.01	40.057155634	4.0057155634e+1
290.02	40.058536867	4.0058536867e+1
290.03	40.059918101	4.0059918101e+1
290.04	40.061299334	4.0061299334e+1
290.05	40.062680568	4.0062680568e+1
290.06	40.064061802	4.0064061802e+1
290.07	40.065443035	4.0065443035e+1
290.08	40.066824269	4.0066824269e+1

290.09	40.068205502	4.0068205502e+1
290.1	40.069586736	4.0069586736e+1
290.11	40.07096797	4.007096797e+1
290.12	40.072349203	4.0072349203e+1
290.13	40.073730437	4.0073730437e+1
290.14	40.07511167	4.007511167e+1
290.15	40.076492904	4.0076492904e+1
290.16	40.077874138	4.0077874138e+1
290.17	40.079255371	4.0079255371e+1
290.18	40.080636605	4.0080636605e+1
290.19	40.082017838	4.0082017838e+1
290.2	40.083399072	4.0083399072e+1
290.21	40.084780306	4.0084780306e+1
290.22	40.086161539	4.0086161539e+1
290.23	40.087542773	4.0087542773e+1
290.24	40.088924006	4.0088924006e+1
290.25	40.09030524	4.009030524e+1
290.26	40.091686474	4.0091686474e+1
290.27	40.093067707	4.0093067707e+1
290.28	40.094448941	4.0094448941e+1
290.29	40.095830174	4.0095830174e+1
290.3	40.097211408	4.0097211408e+1
290.31	40.098592642	4.0098592642e+1
290.32	40.099973875	4.0099973875e+1
290.33	40.101355109	4.0101355109e+1
290.34	40.102736342	4.0102736342e+1
290.35	40.104117576	4.0104117576e+1
290.36	40.10549881	4.010549881e+1
290.37	40.106880043	4.0106880043e+1
290.38	40.108261277	4.0108261277e+1
290.39	40.10964251	4.010964251e+1
290.4	40.111023744	4.0111023744e+1
290.41	40.112404978	4.0112404978e+1
290.42	40.113786211	4.0113786211e+1
290.43	40.115167445	4.0115167445e+1
290.44	40.116548678	4.0116548678e+1
290.45	40.117929912	4.0117929912e+1
290.46	40.119311146	4.0119311146e+1

290.47	40.120692379	4.0120692379e+1
290.48	40.122073613	4.0122073613e+1
290.49	40.123454846	4.0123454846e+1
290.5	40.12483608	4.012483608e+1
290.51	40.126217314	4.0126217314e+1
290.52	40.127598547	4.0127598547e+1
290.53	40.128979781	4.0128979781e+1
290.54	40.130361014	4.0130361014e+1
290.55	40.131742248	4.0131742248e+1
290.56	40.133123482	4.0133123482e+1
290.57	40.134504715	4.0134504715e+1
290.58	40.135885949	4.0135885949e+1
290.59	40.137267182	4.0137267182e+1
290.6	40.138648416	4.0138648416e+1
290.61	40.14002965	4.014002965e+1
290.62	40.141410883	4.0141410883e+1
290.63	40.142792117	4.0142792117e+1
290.64	40.14417335	4.014417335e+1
290.65	40.145554584	4.0145554584e+1
290.66	40.146935818	4.0146935818e+1
290.67	40.148317051	4.0148317051e+1
290.68	40.149698285	4.0149698285e+1
290.69	40.151079518	4.0151079518e+1
290.7	40.152460752	4.0152460752e+1
290.71	40.153841986	4.0153841986e+1
290.72	40.155223219	4.0155223219e+1
290.73	40.156604453	4.0156604453e+1
290.74	40.157985686	4.0157985686e+1
290.75	40.15936692	4.015936692e+1
290.76	40.160748154	4.0160748154e+1
290.77	40.162129387	4.0162129387e+1
290.78	40.163510621	4.0163510621e+1
290.79	40.164891854	4.0164891854e+1
290.8	40.166273088	4.0166273088e+1
290.81	40.167654322	4.0167654322e+1
290.82	40.169035555	4.0169035555e+1
290.83	40.170416789	4.0170416789e+1
290.84	40.171798022	4.0171798022e+1

290.85	40.173179256	4.0173179256e+1
290.86	40.17456049	4.017456049e+1
290.87	40.175941723	4.0175941723e+1
290.88	40.177322957	4.0177322957e+1
290.89	40.17870419	4.017870419e+1
290.9	40.180085424	4.0180085424e+1
290.91	40.181466658	4.0181466658e+1
290.92	40.182847891	4.0182847891e+1
290.93	40.184229125	4.0184229125e+1
290.94	40.185610358	4.0185610358e+1
290.95	40.186991592	4.0186991592e+1
290.96	40.188372826	4.0188372826e+1
290.97	40.189754059	4.0189754059e+1
290.98	40.191135293	4.0191135293e+1
290.99	40.192516526	4.0192516526e+1
291	40.19389776	4.019389776e+1
291.01	40.195278994	4.0195278994e+1
291.02	40.196660227	4.0196660227e+1
291.03	40.198041461	4.0198041461e+1
291.04	40.199422694	4.0199422694e+1
291.05	40.200803928	4.0200803928e+1
291.06	40.202185162	4.0202185162e+1
291.07	40.203566395	4.0203566395e+1
291.08	40.204947629	4.0204947629e+1
291.09	40.206328862	4.0206328862e+1
291.1	40.207710096	4.0207710096e+1
291.11	40.20909133	4.020909133e+1
291.12	40.210472563	4.0210472563e+1
291.13	40.211853797	4.0211853797e+1
291.14	40.21323503	4.021323503e+1
291.15	40.214616264	4.0214616264e+1
291.16	40.215997498	4.0215997498e+1
291.17	40.217378731	4.0217378731e+1
291.18	40.218759965	4.0218759965e+1
291.19	40.220141198	4.0220141198e+1
291.2	40.221522432	4.0221522432e+1
291.21	40.222903666	4.0222903666e+1
291.22	40.224284899	4.0224284899e+1

291.23	40.225666133	4.0225666133e+1
291.24	40.227047366	4.0227047366e+1
291.25	40.2284286	4.02284286e+1
291.26	40.229809834	4.0229809834e+1
291.27	40.231191067	4.0231191067e+1
291.28	40.232572301	4.0232572301e+1
291.29	40.233953534	4.0233953534e+1
291.3	40.235334768	4.0235334768e+1
291.31	40.236716002	4.0236716002e+1
291.32	40.238097235	4.0238097235e+1
291.33	40.239478469	4.0239478469e+1
291.34	40.240859702	4.0240859702e+1
291.35	40.242240936	4.0242240936e+1
291.36	40.24362217	4.024362217e+1
291.37	40.245003403	4.0245003403e+1
291.38	40.246384637	4.0246384637e+1
291.39	40.24776587	4.024776587e+1
291.4	40.249147104	4.0249147104e+1
291.41	40.250528338	4.0250528338e+1
291.42	40.251909571	4.0251909571e+1
291.43	40.253290805	4.0253290805e+1
291.44	40.254672038	4.0254672038e+1
291.45	40.256053272	4.0256053272e+1
291.46	40.257434506	4.0257434506e+1
291.47	40.258815739	4.0258815739e+1
291.48	40.260196973	4.0260196973e+1
291.49	40.261578206	4.0261578206e+1
291.5	40.26295944	4.026295944e+1
291.51	40.264340674	4.0264340674e+1
291.52	40.265721907	4.0265721907e+1
291.53	40.267103141	4.0267103141e+1
291.54	40.268484374	4.0268484374e+1
291.55	40.269865608	4.0269865608e+1
291.56	40.271246842	4.0271246842e+1
291.57	40.272628075	4.0272628075e+1
291.58	40.274009309	4.0274009309e+1
291.59	40.275390542	4.0275390542e+1
291.6	40.276771776	4.0276771776e+1

291.61	40.27815301	4.027815301e+1
291.62	40.279534243	4.0279534243e+1
291.63	40.280915477	4.0280915477e+1
291.64	40.28229671	4.028229671e+1
291.65	40.283677944	4.0283677944e+1
291.66	40.285059178	4.0285059178e+1
291.67	40.286440411	4.0286440411e+1
291.68	40.287821645	4.0287821645e+1
291.69	40.289202878	4.0289202878e+1
291.7	40.290584112	4.0290584112e+1
291.71	40.291965346	4.0291965346e+1
291.72	40.293346579	4.0293346579e+1
291.73	40.294727813	4.0294727813e+1
291.74	40.296109046	4.0296109046e+1
291.75	40.29749028	4.029749028e+1
291.76	40.298871514	4.0298871514e+1
291.77	40.300252747	4.0300252747e+1
291.78	40.301633981	4.0301633981e+1
291.79	40.303015214	4.0303015214e+1
291.8	40.304396448	4.0304396448e+1
291.81	40.305777682	4.0305777682e+1
291.82	40.307158915	4.0307158915e+1
291.83	40.308540149	4.0308540149e+1
291.84	40.309921382	4.0309921382e+1
291.85	40.311302616	4.0311302616e+1
291.86	40.31268385	4.031268385e+1
291.87	40.314065083	4.0314065083e+1
291.88	40.315446317	4.0315446317e+1
291.89	40.31682755	4.031682755e+1
291.9	40.318208784	4.0318208784e+1
291.91	40.319590018	4.0319590018e+1
291.92	40.320971251	4.0320971251e+1
291.93	40.322352485	4.0322352485e+1
291.94	40.323733718	4.0323733718e+1
291.95	40.325114952	4.0325114952e+1
291.96	40.326496186	4.0326496186e+1
291.97	40.327877419	4.0327877419e+1
291.98	40.329258653	4.0329258653e+1

291.99	40.330639886	4.0330639886e+1
292	40.33202112	4.033202112e+1
292.01	40.333402354	4.0333402354e+1
292.02	40.334783587	4.0334783587e+1
292.03	40.336164821	4.0336164821e+1
292.04	40.337546054	4.0337546054e+1
292.05	40.338927288	4.0338927288e+1
292.06	40.340308522	4.0340308522e+1
292.07	40.341689755	4.0341689755e+1
292.08	40.343070989	4.0343070989e+1
292.09	40.344452222	4.0344452222e+1
292.1	40.345833456	4.0345833456e+1
292.11	40.34721469	4.034721469e+1
292.12	40.348595923	4.0348595923e+1
292.13	40.349977157	4.0349977157e+1
292.14	40.35135839	4.035135839e+1
292.15	40.352739624	4.0352739624e+1
292.16	40.354120858	4.0354120858e+1
292.17	40.355502091	4.0355502091e+1
292.18	40.356883325	4.0356883325e+1
292.19	40.358264558	4.0358264558e+1
292.2	40.359645792	4.0359645792e+1
292.21	40.361027026	4.0361027026e+1
292.22	40.362408259	4.0362408259e+1
292.23	40.363789493	4.0363789493e+1
292.24	40.365170726	4.0365170726e+1
292.25	40.36655196	4.036655196e+1
292.26	40.367933194	4.0367933194e+1
292.27	40.369314427	4.0369314427e+1
292.28	40.370695661	4.0370695661e+1
292.29	40.372076894	4.0372076894e+1
292.3	40.373458128	4.0373458128e+1
292.31	40.374839362	4.0374839362e+1
292.32	40.376220595	4.0376220595e+1
292.33	40.377601829	4.0377601829e+1
292.34	40.378983062	4.0378983062e+1
292.35	40.380364296	4.0380364296e+1
292.36	40.38174553	4.038174553e+1

292.37	40.383126763	4.0383126763e+1
292.38	40.384507997	4.0384507997e+1
292.39	40.38588923	4.038588923e+1
292.4	40.387270464	4.0387270464e+1
292.41	40.388651698	4.0388651698e+1
292.42	40.390032931	4.0390032931e+1
292.43	40.391414165	4.0391414165e+1
292.44	40.392795398	4.0392795398e+1
292.45	40.394176632	4.0394176632e+1
292.46	40.395557866	4.0395557866e+1
292.47	40.396939099	4.0396939099e+1
292.48	40.398320333	4.0398320333e+1
292.49	40.399701566	4.0399701566e+1
292.5	40.4010828	4.04010828e+1
292.51	40.402464034	4.0402464034e+1
292.52	40.403845267	4.0403845267e+1
292.53	40.405226501	4.0405226501e+1
292.54	40.406607734	4.0406607734e+1
292.55	40.407988968	4.0407988968e+1
292.56	40.409370202	4.0409370202e+1
292.57	40.410751435	4.0410751435e+1
292.58	40.412132669	4.0412132669e+1
292.59	40.413513902	4.0413513902e+1
292.6	40.414895136	4.0414895136e+1
292.61	40.41627637	4.041627637e+1
292.62	40.417657603	4.0417657603e+1
292.63	40.419038837	4.0419038837e+1
292.64	40.42042007	4.042042007e+1
292.65	40.421801304	4.0421801304e+1
292.66	40.423182538	4.0423182538e+1
292.67	40.424563771	4.0424563771e+1
292.68	40.425945005	4.0425945005e+1
292.69	40.427326238	4.0427326238e+1
292.7	40.428707472	4.0428707472e+1
292.71	40.430088706	4.0430088706e+1
292.72	40.431469939	4.0431469939e+1
292.73	40.432851173	4.0432851173e+1
292.74	40.434232406	4.0434232406e+1

292.75	40.43561364	4.043561364e+1
292.76	40.436994874	4.0436994874e+1
292.77	40.438376107	4.0438376107e+1
292.78	40.439757341	4.0439757341e+1
292.79	40.441138574	4.0441138574e+1
292.8	40.442519808	4.0442519808e+1
292.81	40.443901042	4.0443901042e+1
292.82	40.445282275	4.0445282275e+1
292.83	40.446663509	4.0446663509e+1
292.84	40.448044742	4.0448044742e+1
292.85	40.449425976	4.0449425976e+1
292.86	40.45080721	4.045080721e+1
292.87	40.452188443	4.0452188443e+1
292.88	40.453569677	4.0453569677e+1
292.89	40.45495091	4.045495091e+1
292.9	40.456332144	4.0456332144e+1
292.91	40.457713378	4.0457713378e+1
292.92	40.459094611	4.0459094611e+1
292.93	40.460475845	4.0460475845e+1
292.94	40.461857078	4.0461857078e+1
292.95	40.463238312	4.0463238312e+1
292.96	40.464619546	4.0464619546e+1
292.97	40.466000779	4.0466000779e+1
292.98	40.467382013	4.0467382013e+1
292.99	40.468763246	4.0468763246e+1
293	40.47014448	4.047014448e+1
293.01	40.471525714	4.0471525714e+1
293.02	40.472906947	4.0472906947e+1
293.03	40.474288181	4.0474288181e+1
293.04	40.475669414	4.0475669414e+1
293.05	40.477050648	4.0477050648e+1
293.06	40.478431882	4.0478431882e+1
293.07	40.479813115	4.0479813115e+1
293.08	40.481194349	4.0481194349e+1
293.09	40.482575582	4.0482575582e+1
293.1	40.483956816	4.0483956816e+1
293.11	40.48533805	4.048533805e+1
293.12	40.486719283	4.0486719283e+1

293.13	40.488100517	4.0488100517e+1
293.14	40.48948175	4.048948175e+1
293.15	40.490862984	4.0490862984e+1
293.16	40.492244218	4.0492244218e+1
293.17	40.493625451	4.0493625451e+1
293.18	40.495006685	4.0495006685e+1
293.19	40.496387918	4.0496387918e+1
293.2	40.497769152	4.0497769152e+1
293.21	40.499150386	4.0499150386e+1
293.22	40.500531619	4.0500531619e+1
293.23	40.501912853	4.0501912853e+1
293.24	40.503294086	4.0503294086e+1
293.25	40.50467532	4.050467532e+1
293.26	40.506056554	4.0506056554e+1
293.27	40.507437787	4.0507437787e+1
293.28	40.508819021	4.0508819021e+1
293.29	40.510200254	4.0510200254e+1
293.3	40.511581488	4.0511581488e+1
293.31	40.512962722	4.0512962722e+1
293.32	40.514343955	4.0514343955e+1
293.33	40.515725189	4.0515725189e+1
293.34	40.517106422	4.0517106422e+1
293.35	40.518487656	4.0518487656e+1
293.36	40.51986889	4.051986889e+1
293.37	40.521250123	4.0521250123e+1
293.38	40.522631357	4.0522631357e+1
293.39	40.52401259	4.052401259e+1
293.4	40.525393824	4.0525393824e+1
293.41	40.526775058	4.0526775058e+1
293.42	40.528156291	4.0528156291e+1
293.43	40.529537525	4.0529537525e+1
293.44	40.530918758	4.0530918758e+1
293.45	40.532299992	4.0532299992e+1
293.46	40.533681226	4.0533681226e+1
293.47	40.535062459	4.0535062459e+1
293.48	40.536443693	4.0536443693e+1
293.49	40.537824926	4.0537824926e+1
293.5	40.53920616	4.053920616e+1

293.51	40.540587394	4.0540587394e+1
293.52	40.541968627	4.0541968627e+1
293.53	40.543349861	4.0543349861e+1
293.54	40.544731094	4.0544731094e+1
293.55	40.546112328	4.0546112328e+1
293.56	40.547493562	4.0547493562e+1
293.57	40.548874795	4.0548874795e+1
293.58	40.550256029	4.0550256029e+1
293.59	40.551637262	4.0551637262e+1
293.6	40.553018496	4.0553018496e+1
293.61	40.55439973	4.055439973e+1
293.62	40.555780963	4.0555780963e+1
293.63	40.557162197	4.0557162197e+1
293.64	40.55854343	4.055854343e+1
293.65	40.559924664	4.0559924664e+1
293.66	40.561305898	4.0561305898e+1
293.67	40.562687131	4.0562687131e+1
293.68	40.564068365	4.0564068365e+1
293.69	40.565449598	4.0565449598e+1
293.7	40.566830832	4.0566830832e+1
293.71	40.568212066	4.0568212066e+1
293.72	40.569593299	4.0569593299e+1
293.73	40.570974533	4.0570974533e+1
293.74	40.572355766	4.0572355766e+1
293.75	40.573737	4.0573737e+1
293.76	40.575118234	4.0575118234e+1
293.77	40.576499467	4.0576499467e+1
293.78	40.577880701	4.0577880701e+1
293.79	40.579261934	4.0579261934e+1
293.8	40.580643168	4.0580643168e+1
293.81	40.582024402	4.0582024402e+1
293.82	40.583405635	4.0583405635e+1
293.83	40.584786869	4.0584786869e+1
293.84	40.586168102	4.0586168102e+1
293.85	40.587549336	4.0587549336e+1
293.86	40.58893057	4.058893057e+1
293.87	40.590311803	4.0590311803e+1
293.88	40.591693037	4.0591693037e+1

293.89	40.59307427	4.059307427e+1
293.9	40.594455504	4.0594455504e+1
293.91	40.595836738	4.0595836738e+1
293.92	40.597217971	4.0597217971e+1
293.93	40.598599205	4.0598599205e+1
293.94	40.599980438	4.0599980438e+1
293.95	40.601361672	4.0601361672e+1
293.96	40.602742906	4.0602742906e+1
293.97	40.604124139	4.0604124139e+1
293.98	40.605505373	4.0605505373e+1
293.99	40.606886606	4.0606886606e+1
294	40.60826784	4.060826784e+1
294.01	40.609649074	4.0609649074e+1
294.02	40.611030307	4.0611030307e+1
294.03	40.612411541	4.0612411541e+1
294.04	40.613792774	4.0613792774e+1
294.05	40.615174008	4.0615174008e+1
294.06	40.616555242	4.0616555242e+1
294.07	40.617936475	4.0617936475e+1
294.08	40.619317709	4.0619317709e+1
294.09	40.620698942	4.0620698942e+1
294.1	40.622080176	4.0622080176e+1
294.11	40.62346141	4.062346141e+1
294.12	40.624842643	4.0624842643e+1
294.13	40.626223877	4.0626223877e+1
294.14	40.62760511	4.062760511e+1
294.15	40.628986344	4.0628986344e+1
294.16	40.630367578	4.0630367578e+1
294.17	40.631748811	4.0631748811e+1
294.18	40.633130045	4.0633130045e+1
294.19	40.634511278	4.0634511278e+1
294.2	40.635892512	4.0635892512e+1
294.21	40.637273746	4.0637273746e+1
294.22	40.638654979	4.0638654979e+1
294.23	40.640036213	4.0640036213e+1
294.24	40.641417446	4.0641417446e+1
294.25	40.64279868	4.064279868e+1
294.26	40.644179914	4.0644179914e+1

294.27	40.645561147	4.0645561147e+1
294.28	40.646942381	4.0646942381e+1
294.29	40.648323614	4.0648323614e+1
294.3	40.649704848	4.0649704848e+1
294.31	40.651086082	4.0651086082e+1
294.32	40.652467315	4.0652467315e+1
294.33	40.653848549	4.0653848549e+1
294.34	40.655229782	4.0655229782e+1
294.35	40.656611016	4.0656611016e+1
294.36	40.65799225	4.065799225e+1
294.37	40.659373483	4.0659373483e+1
294.38	40.660754717	4.0660754717e+1
294.39	40.66213595	4.066213595e+1
294.4	40.663517184	4.0663517184e+1
294.41	40.664898418	4.0664898418e+1
294.42	40.666279651	4.0666279651e+1
294.43	40.667660885	4.0667660885e+1
294.44	40.669042118	4.0669042118e+1
294.45	40.670423352	4.0670423352e+1
294.46	40.671804586	4.0671804586e+1
294.47	40.673185819	4.0673185819e+1
294.48	40.674567053	4.0674567053e+1
294.49	40.675948286	4.0675948286e+1
294.5	40.67732952	4.067732952e+1
294.51	40.678710754	4.0678710754e+1
294.52	40.680091987	4.0680091987e+1
294.53	40.681473221	4.0681473221e+1
294.54	40.682854454	4.0682854454e+1
294.55	40.684235688	4.0684235688e+1
294.56	40.685616922	4.0685616922e+1
294.57	40.686998155	4.0686998155e+1
294.58	40.688379389	4.0688379389e+1
294.59	40.689760622	4.0689760622e+1
294.6	40.691141856	4.0691141856e+1
294.61	40.69252309	4.069252309e+1
294.62	40.693904323	4.0693904323e+1
294.63	40.695285557	4.0695285557e+1
294.64	40.69666679	4.069666679e+1

294.65	40.698048024	4.0698048024e+1
294.66	40.699429258	4.0699429258e+1
294.67	40.700810491	4.0700810491e+1
294.68	40.702191725	4.0702191725e+1
294.69	40.703572958	4.0703572958e+1
294.7	40.704954192	4.0704954192e+1
294.71	40.706335426	4.0706335426e+1
294.72	40.707716659	4.0707716659e+1
294.73	40.709097893	4.0709097893e+1
294.74	40.710479126	4.0710479126e+1
294.75	40.71186036	4.071186036e+1
294.76	40.713241594	4.0713241594e+1
294.77	40.714622827	4.0714622827e+1
294.78	40.716004061	4.0716004061e+1
294.79	40.717385294	4.0717385294e+1
294.8	40.718766528	4.0718766528e+1
294.81	40.720147762	4.0720147762e+1
294.82	40.721528995	4.0721528995e+1
294.83	40.722910229	4.0722910229e+1
294.84	40.724291462	4.0724291462e+1
294.85	40.725672696	4.0725672696e+1
294.86	40.72705393	4.072705393e+1
294.87	40.728435163	4.0728435163e+1
294.88	40.729816397	4.0729816397e+1
294.89	40.73119763	4.073119763e+1
294.9	40.732578864	4.0732578864e+1
294.91	40.733960098	4.0733960098e+1
294.92	40.735341331	4.0735341331e+1
294.93	40.736722565	4.0736722565e+1
294.94	40.738103798	4.0738103798e+1
294.95	40.739485032	4.0739485032e+1
294.96	40.740866266	4.0740866266e+1
294.97	40.742247499	4.0742247499e+1
294.98	40.743628733	4.0743628733e+1
294.99	40.745009966	4.0745009966e+1
295	40.7463912	4.07463912e+1
295.01	40.747772434	4.0747772434e+1
295.02	40.749153667	4.0749153667e+1

295.03	40.750534901	4.0750534901e+1
295.04	40.751916134	4.0751916134e+1
295.05	40.753297368	4.0753297368e+1
295.06	40.754678602	4.0754678602e+1
295.07	40.756059835	4.0756059835e+1
295.08	40.757441069	4.0757441069e+1
295.09	40.758822302	4.0758822302e+1
295.1	40.760203536	4.0760203536e+1
295.11	40.76158477	4.076158477e+1
295.12	40.762966003	4.0762966003e+1
295.13	40.764347237	4.0764347237e+1
295.14	40.76572847	4.076572847e+1
295.15	40.767109704	4.0767109704e+1
295.16	40.768490938	4.0768490938e+1
295.17	40.769872171	4.0769872171e+1
295.18	40.771253405	4.0771253405e+1
295.19	40.772634638	4.0772634638e+1
295.2	40.774015872	4.0774015872e+1
295.21	40.775397106	4.0775397106e+1
295.22	40.776778339	4.0776778339e+1
295.23	40.778159573	4.0778159573e+1
295.24	40.779540806	4.0779540806e+1
295.25	40.78092204	4.078092204e+1
295.26	40.782303274	4.0782303274e+1
295.27	40.783684507	4.0783684507e+1
295.28	40.785065741	4.0785065741e+1
295.29	40.786446974	4.0786446974e+1
295.3	40.787828208	4.0787828208e+1
295.31	40.789209442	4.0789209442e+1
295.32	40.790590675	4.0790590675e+1
295.33	40.791971909	4.0791971909e+1
295.34	40.793353142	4.0793353142e+1
295.35	40.794734376	4.0794734376e+1
295.36	40.79611561	4.079611561e+1
295.37	40.797496843	4.0797496843e+1
295.38	40.798878077	4.0798878077e+1
295.39	40.80025931	4.080025931e+1
295.4	40.801640544	4.0801640544e+1

295.41	40.803021778	4.0803021778e+1
295.42	40.804403011	4.0804403011e+1
295.43	40.805784245	4.0805784245e+1
295.44	40.807165478	4.0807165478e+1
295.45	40.808546712	4.0808546712e+1
295.46	40.809927946	4.0809927946e+1
295.47	40.811309179	4.0811309179e+1
295.48	40.812690413	4.0812690413e+1
295.49	40.814071646	4.0814071646e+1
295.5	40.81545288	4.081545288e+1
295.51	40.816834114	4.0816834114e+1
295.52	40.818215347	4.0818215347e+1
295.53	40.819596581	4.0819596581e+1
295.54	40.820977814	4.0820977814e+1
295.55	40.822359048	4.0822359048e+1
295.56	40.823740282	4.0823740282e+1
295.57	40.825121515	4.0825121515e+1
295.58	40.826502749	4.0826502749e+1
295.59	40.827883982	4.0827883982e+1
295.6	40.829265216	4.0829265216e+1
295.61	40.83064645	4.083064645e+1
295.62	40.832027683	4.0832027683e+1
295.63	40.833408917	4.0833408917e+1
295.64	40.83479015	4.083479015e+1
295.65	40.836171384	4.0836171384e+1
295.66	40.837552618	4.0837552618e+1
295.67	40.838933851	4.0838933851e+1
295.68	40.840315085	4.0840315085e+1
295.69	40.841696318	4.0841696318e+1
295.7	40.843077552	4.0843077552e+1
295.71	40.844458786	4.0844458786e+1
295.72	40.845840019	4.0845840019e+1
295.73	40.847221253	4.0847221253e+1
295.74	40.848602486	4.0848602486e+1
295.75	40.84998372	4.084998372e+1
295.76	40.851364954	4.0851364954e+1
295.77	40.852746187	4.0852746187e+1
295.78	40.854127421	4.0854127421e+1

295.79	40.855508654	4.0855508654e+1
295.8	40.856889888	4.0856889888e+1
295.81	40.858271122	4.0858271122e+1
295.82	40.859652355	4.0859652355e+1
295.83	40.861033589	4.0861033589e+1
295.84	40.862414822	4.0862414822e+1
295.85	40.863796056	4.0863796056e+1
295.86	40.86517729	4.086517729e+1
295.87	40.866558523	4.0866558523e+1
295.88	40.867939757	4.0867939757e+1
295.89	40.86932099	4.086932099e+1
295.9	40.870702224	4.0870702224e+1
295.91	40.872083458	4.0872083458e+1
295.92	40.873464691	4.0873464691e+1
295.93	40.874845925	4.0874845925e+1
295.94	40.876227158	4.0876227158e+1
295.95	40.877608392	4.0877608392e+1
295.96	40.878989626	4.0878989626e+1
295.97	40.880370859	4.0880370859e+1
295.98	40.881752093	4.0881752093e+1
295.99	40.883133326	4.0883133326e+1
296	40.88451456	4.088451456e+1
296.01	40.885895794	4.0885895794e+1
296.02	40.887277027	4.0887277027e+1
296.03	40.888658261	4.0888658261e+1
296.04	40.890039494	4.0890039494e+1
296.05	40.891420728	4.0891420728e+1
296.06	40.892801962	4.0892801962e+1
296.07	40.894183195	4.0894183195e+1
296.08	40.895564429	4.0895564429e+1
296.09	40.896945662	4.0896945662e+1
296.1	40.898326896	4.0898326896e+1
296.11	40.89970813	4.089970813e+1
296.12	40.901089363	4.0901089363e+1
296.13	40.902470597	4.0902470597e+1
296.14	40.90385183	4.090385183e+1
296.15	40.905233064	4.0905233064e+1
296.16	40.906614298	4.0906614298e+1

296.17	40.907995531	4.0907995531e+1
296.18	40.909376765	4.0909376765e+1
296.19	40.910757998	4.0910757998e+1
296.2	40.912139232	4.0912139232e+1
296.21	40.913520466	4.0913520466e+1
296.22	40.914901699	4.0914901699e+1
296.23	40.916282933	4.0916282933e+1
296.24	40.917664166	4.0917664166e+1
296.25	40.9190454	4.09190454e+1
296.26	40.920426634	4.0920426634e+1
296.27	40.921807867	4.0921807867e+1
296.28	40.923189101	4.0923189101e+1
296.29	40.924570334	4.0924570334e+1
296.3	40.925951568	4.0925951568e+1
296.31	40.927332802	4.0927332802e+1
296.32	40.928714035	4.0928714035e+1
296.33	40.930095269	4.0930095269e+1
296.34	40.931476502	4.0931476502e+1
296.35	40.932857736	4.0932857736e+1
296.36	40.93423897	4.093423897e+1
296.37	40.935620203	4.0935620203e+1
296.38	40.937001437	4.0937001437e+1
296.39	40.93838267	4.093838267e+1
296.4	40.939763904	4.0939763904e+1
296.41	40.941145138	4.0941145138e+1
296.42	40.942526371	4.0942526371e+1
296.43	40.943907605	4.0943907605e+1
296.44	40.945288838	4.0945288838e+1
296.45	40.946670072	4.0946670072e+1
296.46	40.948051306	4.0948051306e+1
296.47	40.949432539	4.0949432539e+1
296.48	40.950813773	4.0950813773e+1
296.49	40.952195006	4.0952195006e+1
296.5	40.95357624	4.095357624e+1
296.51	40.954957474	4.0954957474e+1
296.52	40.956338707	4.0956338707e+1
296.53	40.957719941	4.0957719941e+1
296.54	40.959101174	4.0959101174e+1

296.55	40.960482408	4.0960482408e+1
296.56	40.961863642	4.0961863642e+1
296.57	40.963244875	4.0963244875e+1
296.58	40.964626109	4.0964626109e+1
296.59	40.966007342	4.0966007342e+1
296.6	40.967388576	4.0967388576e+1
296.61	40.96876981	4.096876981e+1
296.62	40.970151043	4.0970151043e+1
296.63	40.971532277	4.0971532277e+1
296.64	40.97291351	4.097291351e+1
296.65	40.974294744	4.0974294744e+1
296.66	40.975675978	4.0975675978e+1
296.67	40.977057211	4.0977057211e+1
296.68	40.978438445	4.0978438445e+1
296.69	40.979819678	4.0979819678e+1
296.7	40.981200912	4.0981200912e+1
296.71	40.982582146	4.0982582146e+1
296.72	40.983963379	4.0983963379e+1
296.73	40.985344613	4.0985344613e+1
296.74	40.986725846	4.0986725846e+1
296.75	40.98810708	4.098810708e+1
296.76	40.989488314	4.0989488314e+1
296.77	40.990869547	4.0990869547e+1
296.78	40.992250781	4.0992250781e+1
296.79	40.993632014	4.0993632014e+1
296.8	40.995013248	4.0995013248e+1
296.81	40.996394482	4.0996394482e+1
296.82	40.997775715	4.0997775715e+1
296.83	40.999156949	4.0999156949e+1
296.84	41.000538182	4.1000538182e+1
296.85	41.001919416	4.1001919416e+1
296.86	41.00330065	4.100330065e+1
296.87	41.004681883	4.1004681883e+1
296.88	41.006063117	4.1006063117e+1
296.89	41.00744435	4.100744435e+1
296.9	41.008825584	4.1008825584e+1
296.91	41.010206818	4.1010206818e+1
296.92	41.011588051	4.1011588051e+1

296.93	41.012969285	4.1012969285e+1
296.94	41.014350518	4.1014350518e+1
296.95	41.015731752	4.1015731752e+1
296.96	41.017112986	4.1017112986e+1
296.97	41.018494219	4.1018494219e+1
296.98	41.019875453	4.1019875453e+1
296.99	41.021256686	4.1021256686e+1
297	41.02263792	4.102263792e+1
297.01	41.024019154	4.1024019154e+1
297.02	41.025400387	4.1025400387e+1
297.03	41.026781621	4.1026781621e+1
297.04	41.028162854	4.1028162854e+1
297.05	41.029544088	4.1029544088e+1
297.06	41.030925322	4.1030925322e+1
297.07	41.032306555	4.1032306555e+1
297.08	41.033687789	4.1033687789e+1
297.09	41.035069022	4.1035069022e+1
297.1	41.036450256	4.1036450256e+1
297.11	41.03783149	4.103783149e+1
297.12	41.039212723	4.1039212723e+1
297.13	41.040593957	4.1040593957e+1
297.14	41.04197519	4.104197519e+1
297.15	41.043356424	4.1043356424e+1
297.16	41.044737658	4.1044737658e+1
297.17	41.046118891	4.1046118891e+1
297.18	41.047500125	4.1047500125e+1
297.19	41.048881358	4.1048881358e+1
297.2	41.050262592	4.1050262592e+1
297.21	41.051643826	4.1051643826e+1
297.22	41.053025059	4.1053025059e+1
297.23	41.054406293	4.1054406293e+1
297.24	41.055787526	4.1055787526e+1
297.25	41.05716876	4.105716876e+1
297.26	41.058549994	4.1058549994e+1
297.27	41.059931227	4.1059931227e+1
297.28	41.061312461	4.1061312461e+1
297.29	41.062693694	4.1062693694e+1
297.3	41.064074928	4.1064074928e+1

297.31	41.065456162	4.1065456162e+1
297.32	41.066837395	4.1066837395e+1
297.33	41.068218629	4.1068218629e+1
297.34	41.069599862	4.1069599862e+1
297.35	41.070981096	4.1070981096e+1
297.36	41.07236233	4.107236233e+1
297.37	41.073743563	4.1073743563e+1
297.38	41.075124797	4.1075124797e+1
297.39	41.07650603	4.107650603e+1
297.4	41.077887264	4.1077887264e+1
297.41	41.079268498	4.1079268498e+1
297.42	41.080649731	4.1080649731e+1
297.43	41.082030965	4.1082030965e+1
297.44	41.083412198	4.1083412198e+1
297.45	41.084793432	4.1084793432e+1
297.46	41.086174666	4.1086174666e+1
297.47	41.087555899	4.1087555899e+1
297.48	41.088937133	4.1088937133e+1
297.49	41.090318366	4.1090318366e+1
297.5	41.0916996	4.10916996e+1
297.51	41.093080834	4.1093080834e+1
297.52	41.094462067	4.1094462067e+1
297.53	41.095843301	4.1095843301e+1
297.54	41.097224534	4.1097224534e+1
297.55	41.098605768	4.1098605768e+1
297.56	41.099987002	4.1099987002e+1
297.57	41.101368235	4.1101368235e+1
297.58	41.102749469	4.1102749469e+1
297.59	41.104130702	4.1104130702e+1
297.6	41.105511936	4.1105511936e+1
297.61	41.10689317	4.110689317e+1
297.62	41.108274403	4.1108274403e+1
297.63	41.109655637	4.1109655637e+1
297.64	41.11103687	4.111103687e+1
297.65	41.112418104	4.1112418104e+1
297.66	41.113799338	4.1113799338e+1
297.67	41.115180571	4.1115180571e+1
297.68	41.116561805	4.1116561805e+1

297.69	41.117943038	4.1117943038e+1
297.7	41.119324272	4.1119324272e+1
297.71	41.120705506	4.1120705506e+1
297.72	41.122086739	4.1122086739e+1
297.73	41.123467973	4.1123467973e+1
297.74	41.124849206	4.1124849206e+1
297.75	41.12623044	4.112623044e+1
297.76	41.127611674	4.1127611674e+1
297.77	41.128992907	4.1128992907e+1
297.78	41.130374141	4.1130374141e+1
297.79	41.131755374	4.1131755374e+1
297.8	41.133136608	4.1133136608e+1
297.81	41.134517842	4.1134517842e+1
297.82	41.135899075	4.1135899075e+1
297.83	41.137280309	4.1137280309e+1
297.84	41.138661542	4.1138661542e+1
297.85	41.140042776	4.1140042776e+1
297.86	41.14142401	4.114142401e+1
297.87	41.142805243	4.1142805243e+1
297.88	41.144186477	4.1144186477e+1
297.89	41.14556771	4.114556771e+1
297.9	41.146948944	4.1146948944e+1
297.91	41.148330178	4.1148330178e+1
297.92	41.149711411	4.1149711411e+1
297.93	41.151092645	4.1151092645e+1
297.94	41.152473878	4.1152473878e+1
297.95	41.153855112	4.1153855112e+1
297.96	41.155236346	4.1155236346e+1
297.97	41.156617579	4.1156617579e+1
297.98	41.157998813	4.1157998813e+1
297.99	41.159380046	4.1159380046e+1
298	41.16076128	4.116076128e+1
298.01	41.162142514	4.1162142514e+1
298.02	41.163523747	4.1163523747e+1
298.03	41.164904981	4.1164904981e+1
298.04	41.166286214	4.1166286214e+1
298.05	41.167667448	4.1167667448e+1
298.06	41.169048682	4.1169048682e+1

298.07	41.170429915	4.1170429915e+1
298.08	41.171811149	4.1171811149e+1
298.09	41.173192382	4.1173192382e+1
298.1	41.174573616	4.1174573616e+1
298.11	41.17595485	4.117595485e+1
298.12	41.177336083	4.1177336083e+1
298.13	41.178717317	4.1178717317e+1
298.14	41.18009855	4.118009855e+1
298.15	41.181479784	4.1181479784e+1
298.16	41.182861018	4.1182861018e+1
298.17	41.184242251	4.1184242251e+1
298.18	41.185623485	4.1185623485e+1
298.19	41.187004718	4.1187004718e+1
298.2	41.188385952	4.1188385952e+1
298.21	41.189767186	4.1189767186e+1
298.22	41.191148419	4.1191148419e+1
298.23	41.192529653	4.1192529653e+1
298.24	41.193910886	4.1193910886e+1
298.25	41.19529212	4.119529212e+1
298.26	41.196673354	4.1196673354e+1
298.27	41.198054587	4.1198054587e+1
298.28	41.199435821	4.1199435821e+1
298.29	41.200817054	4.1200817054e+1
298.3	41.202198288	4.1202198288e+1
298.31	41.203579522	4.1203579522e+1
298.32	41.204960755	4.1204960755e+1
298.33	41.206341989	4.1206341989e+1
298.34	41.207723222	4.1207723222e+1
298.35	41.209104456	4.1209104456e+1
298.36	41.21048569	4.121048569e+1
298.37	41.211866923	4.1211866923e+1
298.38	41.213248157	4.1213248157e+1
298.39	41.21462939	4.121462939e+1
298.4	41.216010624	4.1216010624e+1
298.41	41.217391858	4.1217391858e+1
298.42	41.218773091	4.1218773091e+1
298.43	41.220154325	4.1220154325e+1
298.44	41.221535558	4.1221535558e+1

298.45	41.222916792	4.1222916792e+1
298.46	41.224298026	4.1224298026e+1
298.47	41.225679259	4.1225679259e+1
298.48	41.227060493	4.1227060493e+1
298.49	41.228441726	4.1228441726e+1
298.5	41.22982296	4.122982296e+1
298.51	41.231204194	4.1231204194e+1
298.52	41.232585427	4.1232585427e+1
298.53	41.233966661	4.1233966661e+1
298.54	41.235347894	4.1235347894e+1
298.55	41.236729128	4.1236729128e+1
298.56	41.238110362	4.1238110362e+1
298.57	41.239491595	4.1239491595e+1
298.58	41.240872829	4.1240872829e+1
298.59	41.242254062	4.1242254062e+1
298.6	41.243635296	4.1243635296e+1
298.61	41.24501653	4.124501653e+1
298.62	41.246397763	4.1246397763e+1
298.63	41.247778997	4.1247778997e+1
298.64	41.24916023	4.124916023e+1
298.65	41.250541464	4.1250541464e+1
298.66	41.251922698	4.1251922698e+1
298.67	41.253303931	4.1253303931e+1
298.68	41.254685165	4.1254685165e+1
298.69	41.256066398	4.1256066398e+1
298.7	41.257447632	4.1257447632e+1
298.71	41.258828866	4.1258828866e+1
298.72	41.260210099	4.1260210099e+1
298.73	41.261591333	4.1261591333e+1
298.74	41.262972566	4.1262972566e+1
298.75	41.2643538	4.12643538e+1
298.76	41.265735034	4.1265735034e+1
298.77	41.267116267	4.1267116267e+1
298.78	41.268497501	4.1268497501e+1
298.79	41.269878734	4.1269878734e+1
298.8	41.271259968	4.1271259968e+1
298.81	41.272641202	4.1272641202e+1
298.82	41.274022435	4.1274022435e+1

298.83	41.275403669	4.1275403669e+1
298.84	41.276784902	4.1276784902e+1
298.85	41.278166136	4.1278166136e+1
298.86	41.27954737	4.127954737e+1
298.87	41.280928603	4.1280928603e+1
298.88	41.282309837	4.1282309837e+1
298.89	41.28369107	4.128369107e+1
298.9	41.285072304	4.1285072304e+1
298.91	41.286453538	4.1286453538e+1
298.92	41.287834771	4.1287834771e+1
298.93	41.289216005	4.1289216005e+1
298.94	41.290597238	4.1290597238e+1
298.95	41.291978472	4.1291978472e+1
298.96	41.293359706	4.1293359706e+1
298.97	41.294740939	4.1294740939e+1
298.98	41.296122173	4.1296122173e+1
298.99	41.297503406	4.1297503406e+1
299	41.29888464	4.129888464e+1
299.01	41.300265874	4.1300265874e+1
299.02	41.301647107	4.1301647107e+1
299.03	41.303028341	4.1303028341e+1
299.04	41.304409574	4.1304409574e+1
299.05	41.305790808	4.1305790808e+1
299.06	41.307172042	4.1307172042e+1
299.07	41.308553275	4.1308553275e+1
299.08	41.309934509	4.1309934509e+1
299.09	41.311315742	4.1311315742e+1
299.1	41.312696976	4.1312696976e+1
299.11	41.31407821	4.131407821e+1
299.12	41.315459443	4.1315459443e+1
299.13	41.316840677	4.1316840677e+1
299.14	41.31822191	4.131822191e+1
299.15	41.319603144	4.1319603144e+1
299.16	41.320984378	4.1320984378e+1
299.17	41.322365611	4.1322365611e+1
299.18	41.323746845	4.1323746845e+1
299.19	41.325128078	4.1325128078e+1
299.2	41.326509312	4.1326509312e+1

299.21	41.327890546	4.1327890546e+1
299.22	41.329271779	4.1329271779e+1
299.23	41.330653013	4.1330653013e+1
299.24	41.332034246	4.1332034246e+1
299.25	41.33341548	4.133341548e+1
299.26	41.334796714	4.1334796714e+1
299.27	41.336177947	4.1336177947e+1
299.28	41.337559181	4.1337559181e+1
299.29	41.338940414	4.1338940414e+1
299.3	41.340321648	4.1340321648e+1
299.31	41.341702882	4.1341702882e+1
299.32	41.343084115	4.1343084115e+1
299.33	41.344465349	4.1344465349e+1
299.34	41.345846582	4.1345846582e+1
299.35	41.347227816	4.1347227816e+1
299.36	41.34860905	4.134860905e+1
299.37	41.349990283	4.1349990283e+1
299.38	41.351371517	4.1351371517e+1
299.39	41.35275275	4.135275275e+1
299.4	41.354133984	4.1354133984e+1
299.41	41.355515218	4.1355515218e+1
299.42	41.356896451	4.1356896451e+1
299.43	41.358277685	4.1358277685e+1
299.44	41.359658918	4.1359658918e+1
299.45	41.361040152	4.1361040152e+1
299.46	41.362421386	4.1362421386e+1
299.47	41.363802619	4.1363802619e+1
299.48	41.365183853	4.1365183853e+1
299.49	41.366565086	4.1366565086e+1
299.5	41.36794632	4.136794632e+1
299.51	41.369327554	4.1369327554e+1
299.52	41.370708787	4.1370708787e+1
299.53	41.372090021	4.1372090021e+1
299.54	41.373471254	4.1373471254e+1
299.55	41.374852488	4.1374852488e+1
299.56	41.376233722	4.1376233722e+1
299.57	41.377614955	4.1377614955e+1
299.58	41.378996189	4.1378996189e+1

299.59	41.380377422	4.1380377422e+1
299.6	41.381758656	4.1381758656e+1
299.61	41.38313989	4.138313989e+1
299.62	41.384521123	4.1384521123e+1
299.63	41.385902357	4.1385902357e+1
299.64	41.38728359	4.138728359e+1
299.65	41.388664824	4.1388664824e+1
299.66	41.390046058	4.1390046058e+1
299.67	41.391427291	4.1391427291e+1
299.68	41.392808525	4.1392808525e+1
299.69	41.394189758	4.1394189758e+1
299.7	41.395570992	4.1395570992e+1
299.71	41.396952226	4.1396952226e+1
299.72	41.398333459	4.1398333459e+1
299.73	41.399714693	4.1399714693e+1
299.74	41.401095926	4.1401095926e+1
299.75	41.40247716	4.140247716e+1
299.76	41.403858394	4.1403858394e+1
299.77	41.405239627	4.1405239627e+1
299.78	41.406620861	4.1406620861e+1
299.79	41.408002094	4.1408002094e+1
299.8	41.409383328	4.1409383328e+1
299.81	41.410764562	4.1410764562e+1
299.82	41.412145795	4.1412145795e+1
299.83	41.413527029	4.1413527029e+1
299.84	41.414908262	4.1414908262e+1
299.85	41.416289496	4.1416289496e+1
299.86	41.41767073	4.141767073e+1
299.87	41.419051963	4.1419051963e+1
299.88	41.420433197	4.1420433197e+1
299.89	41.42181443	4.142181443e+1
299.9	41.423195664	4.1423195664e+1
299.91	41.424576898	4.1424576898e+1
299.92	41.425958131	4.1425958131e+1
299.93	41.427339365	4.1427339365e+1
299.94	41.428720598	4.1428720598e+1
299.95	41.430101832	4.1430101832e+1
299.96	41.431483066	4.1431483066e+1

299.97	41.432864299	4.1432864299e+1
299.98	41.434245533	4.1434245533e+1
299.99	41.435626766	4.1435626766e+1
300	41.437008	4.1437008e+1
300.01	41.438389234	4.1438389234e+1
300.02	41.439770467	4.1439770467e+1
300.03	41.441151701	4.1441151701e+1
300.04	41.442532934	4.1442532934e+1
300.05	41.443914168	4.1443914168e+1
300.06	41.445295402	4.1445295402e+1
300.07	41.446676635	4.1446676635e+1
300.08	41.448057869	4.1448057869e+1
300.09	41.449439102	4.1449439102e+1
300.1	41.450820336	4.1450820336e+1
300.11	41.45220157	4.145220157e+1
300.12	41.453582803	4.1453582803e+1
300.13	41.454964037	4.1454964037e+1
300.14	41.45634527	4.145634527e+1
300.15	41.457726504	4.1457726504e+1
300.16	41.459107738	4.1459107738e+1
300.17	41.460488971	4.1460488971e+1
300.18	41.461870205	4.1461870205e+1
300.19	41.463251438	4.1463251438e+1
300.2	41.464632672	4.1464632672e+1
300.21	41.466013906	4.1466013906e+1
300.22	41.467395139	4.1467395139e+1
300.23	41.468776373	4.1468776373e+1
300.24	41.470157606	4.1470157606e+1
300.25	41.47153884	4.147153884e+1
300.26	41.472920074	4.1472920074e+1
300.27	41.474301307	4.1474301307e+1
300.28	41.475682541	4.1475682541e+1
300.29	41.477063774	4.1477063774e+1
300.3	41.478445008	4.1478445008e+1
300.31	41.479826242	4.1479826242e+1
300.32	41.481207475	4.1481207475e+1
300.33	41.482588709	4.1482588709e+1
300.34	41.483969942	4.1483969942e+1

300.35	41.485351176	4.1485351176e+1
300.36	41.48673241	4.148673241e+1
300.37	41.488113643	4.1488113643e+1
300.38	41.489494877	4.1489494877e+1
300.39	41.49087611	4.149087611e+1
300.4	41.492257344	4.1492257344e+1
300.41	41.493638578	4.1493638578e+1
300.42	41.495019811	4.1495019811e+1
300.43	41.496401045	4.1496401045e+1
300.44	41.497782278	4.1497782278e+1
300.45	41.499163512	4.1499163512e+1
300.46	41.500544746	4.1500544746e+1
300.47	41.501925979	4.1501925979e+1
300.48	41.503307213	4.1503307213e+1
300.49	41.504688446	4.1504688446e+1
300.5	41.50606968	4.150606968e+1
300.51	41.507450914	4.1507450914e+1
300.52	41.508832147	4.1508832147e+1
300.53	41.510213381	4.1510213381e+1
300.54	41.511594614	4.1511594614e+1
300.55	41.512975848	4.1512975848e+1
300.56	41.514357082	4.1514357082e+1
300.57	41.515738315	4.1515738315e+1
300.58	41.517119549	4.1517119549e+1
300.59	41.518500782	4.1518500782e+1
300.6	41.519882016	4.1519882016e+1
300.61	41.52126325	4.152126325e+1
300.62	41.522644483	4.1522644483e+1
300.63	41.524025717	4.1524025717e+1
300.64	41.52540695	4.152540695e+1
300.65	41.526788184	4.1526788184e+1
300.66	41.528169418	4.1528169418e+1
300.67	41.529550651	4.1529550651e+1
300.68	41.530931885	4.1530931885e+1
300.69	41.532313118	4.1532313118e+1
300.7	41.533694352	4.1533694352e+1
300.71	41.535075586	4.1535075586e+1
300.72	41.536456819	4.1536456819e+1

300.73	41.537838053	4.1537838053e+1
300.74	41.539219286	4.1539219286e+1
300.75	41.54060052	4.154060052e+1
300.76	41.541981754	4.1541981754e+1
300.77	41.543362987	4.1543362987e+1
300.78	41.544744221	4.1544744221e+1
300.79	41.546125454	4.1546125454e+1
300.8	41.547506688	4.1547506688e+1
300.81	41.548887922	4.1548887922e+1
300.82	41.550269155	4.1550269155e+1
300.83	41.551650389	4.1551650389e+1
300.84	41.553031622	4.1553031622e+1
300.85	41.554412856	4.1554412856e+1
300.86	41.55579409	4.155579409e+1
300.87	41.557175323	4.1557175323e+1
300.88	41.558556557	4.1558556557e+1
300.89	41.55993779	4.155993779e+1
300.9	41.561319024	4.1561319024e+1
300.91	41.562700258	4.1562700258e+1
300.92	41.564081491	4.1564081491e+1
300.93	41.565462725	4.1565462725e+1
300.94	41.566843958	4.1566843958e+1
300.95	41.568225192	4.1568225192e+1
300.96	41.569606426	4.1569606426e+1
300.97	41.570987659	4.1570987659e+1
300.98	41.572368893	4.1572368893e+1
300.99	41.573750126	4.1573750126e+1
301	41.57513136	4.157513136e+1
301.01	41.576512594	4.1576512594e+1
301.02	41.577893827	4.1577893827e+1
301.03	41.579275061	4.1579275061e+1
301.04	41.580656294	4.1580656294e+1
301.05	41.582037528	4.1582037528e+1
301.06	41.583418762	4.1583418762e+1
301.07	41.584799995	4.1584799995e+1
301.08	41.586181229	4.1586181229e+1
301.09	41.587562462	4.1587562462e+1
301.1	41.588943696	4.1588943696e+1

301.11	41.59032493	4.159032493e+1
301.12	41.591706163	4.1591706163e+1
301.13	41.593087397	4.1593087397e+1
301.14	41.59446863	4.159446863e+1
301.15	41.595849864	4.1595849864e+1
301.16	41.597231098	4.1597231098e+1
301.17	41.598612331	4.1598612331e+1
301.18	41.599993565	4.1599993565e+1
301.19	41.601374798	4.1601374798e+1
301.2	41.602756032	4.1602756032e+1
301.21	41.604137266	4.1604137266e+1
301.22	41.605518499	4.1605518499e+1
301.23	41.606899733	4.1606899733e+1
301.24	41.608280966	4.1608280966e+1
301.25	41.6096622	4.16096622e+1
301.26	41.611043434	4.1611043434e+1
301.27	41.612424667	4.1612424667e+1
301.28	41.613805901	4.1613805901e+1
301.29	41.615187134	4.1615187134e+1
301.3	41.616568368	4.1616568368e+1
301.31	41.617949602	4.1617949602e+1
301.32	41.619330835	4.1619330835e+1
301.33	41.620712069	4.1620712069e+1
301.34	41.622093302	4.1622093302e+1
301.35	41.623474536	4.1623474536e+1
301.36	41.62485577	4.162485577e+1
301.37	41.626237003	4.1626237003e+1
301.38	41.627618237	4.1627618237e+1
301.39	41.62899947	4.162899947e+1
301.4	41.630380704	4.1630380704e+1
301.41	41.631761938	4.1631761938e+1
301.42	41.633143171	4.1633143171e+1
301.43	41.634524405	4.1634524405e+1
301.44	41.635905638	4.1635905638e+1
301.45	41.637286872	4.1637286872e+1
301.46	41.638668106	4.1638668106e+1
301.47	41.640049339	4.1640049339e+1
301.48	41.641430573	4.1641430573e+1

301.49	41.642811806	4.1642811806e+1
301.5	41.64419304	4.164419304e+1
301.51	41.645574274	4.1645574274e+1
301.52	41.646955507	4.1646955507e+1
301.53	41.648336741	4.1648336741e+1
301.54	41.649717974	4.1649717974e+1
301.55	41.651099208	4.1651099208e+1
301.56	41.652480442	4.1652480442e+1
301.57	41.653861675	4.1653861675e+1
301.58	41.655242909	4.1655242909e+1
301.59	41.656624142	4.1656624142e+1
301.6	41.658005376	4.1658005376e+1
301.61	41.65938661	4.165938661e+1
301.62	41.660767843	4.1660767843e+1
301.63	41.662149077	4.1662149077e+1
301.64	41.66353031	4.166353031e+1
301.65	41.664911544	4.1664911544e+1
301.66	41.666292778	4.1666292778e+1
301.67	41.667674011	4.1667674011e+1
301.68	41.669055245	4.1669055245e+1
301.69	41.670436478	4.1670436478e+1
301.7	41.671817712	4.1671817712e+1
301.71	41.673198946	4.1673198946e+1
301.72	41.674580179	4.1674580179e+1
301.73	41.675961413	4.1675961413e+1
301.74	41.677342646	4.1677342646e+1
301.75	41.67872388	4.167872388e+1
301.76	41.680105114	4.1680105114e+1
301.77	41.681486347	4.1681486347e+1
301.78	41.682867581	4.1682867581e+1
301.79	41.684248814	4.1684248814e+1
301.8	41.685630048	4.1685630048e+1
301.81	41.687011282	4.1687011282e+1
301.82	41.688392515	4.1688392515e+1
301.83	41.689773749	4.1689773749e+1
301.84	41.691154982	4.1691154982e+1
301.85	41.692536216	4.1692536216e+1
301.86	41.69391745	4.169391745e+1

301.87	41.695298683	4.1695298683e+1
301.88	41.696679917	4.1696679917e+1
301.89	41.69806115	4.169806115e+1
301.9	41.699442384	4.1699442384e+1
301.91	41.700823618	4.1700823618e+1
301.92	41.702204851	4.1702204851e+1
301.93	41.703586085	4.1703586085e+1
301.94	41.704967318	4.1704967318e+1
301.95	41.706348552	4.1706348552e+1
301.96	41.707729786	4.1707729786e+1
301.97	41.709111019	4.1709111019e+1
301.98	41.710492253	4.1710492253e+1
301.99	41.711873486	4.1711873486e+1
302	41.71325472	4.171325472e+1
302.01	41.714635954	4.1714635954e+1
302.02	41.716017187	4.1716017187e+1
302.03	41.717398421	4.1717398421e+1
302.04	41.718779654	4.1718779654e+1
302.05	41.720160888	4.1720160888e+1
302.06	41.721542122	4.1721542122e+1
302.07	41.722923355	4.1722923355e+1
302.08	41.724304589	4.1724304589e+1
302.09	41.725685822	4.1725685822e+1
302.1	41.727067056	4.1727067056e+1
302.11	41.72844829	4.172844829e+1
302.12	41.729829523	4.1729829523e+1
302.13	41.731210757	4.1731210757e+1
302.14	41.73259199	4.173259199e+1
302.15	41.733973224	4.1733973224e+1
302.16	41.735354458	4.1735354458e+1
302.17	41.736735691	4.1736735691e+1
302.18	41.738116925	4.1738116925e+1
302.19	41.739498158	4.1739498158e+1
302.2	41.740879392	4.1740879392e+1
302.21	41.742260626	4.1742260626e+1
302.22	41.743641859	4.1743641859e+1
302.23	41.745023093	4.1745023093e+1
302.24	41.746404326	4.1746404326e+1

302.25	41.74778556	4.174778556e+1
302.26	41.749166794	4.1749166794e+1
302.27	41.750548027	4.1750548027e+1
302.28	41.751929261	4.1751929261e+1
302.29	41.753310494	4.1753310494e+1
302.3	41.754691728	4.1754691728e+1
302.31	41.756072962	4.1756072962e+1
302.32	41.757454195	4.1757454195e+1
302.33	41.758835429	4.1758835429e+1
302.34	41.760216662	4.1760216662e+1
302.35	41.761597896	4.1761597896e+1
302.36	41.76297913	4.176297913e+1
302.37	41.764360363	4.1764360363e+1
302.38	41.765741597	4.1765741597e+1
302.39	41.76712283	4.176712283e+1
302.4	41.768504064	4.1768504064e+1
302.41	41.769885298	4.1769885298e+1
302.42	41.771266531	4.1771266531e+1
302.43	41.772647765	4.1772647765e+1
302.44	41.774028998	4.1774028998e+1
302.45	41.775410232	4.1775410232e+1
302.46	41.776791466	4.1776791466e+1
302.47	41.778172699	4.1778172699e+1
302.48	41.779553933	4.1779553933e+1
302.49	41.780935166	4.1780935166e+1
302.5	41.7823164	4.17823164e+1
302.51	41.783697634	4.1783697634e+1
302.52	41.785078867	4.1785078867e+1
302.53	41.786460101	4.1786460101e+1
302.54	41.787841334	4.1787841334e+1
302.55	41.789222568	4.1789222568e+1
302.56	41.790603802	4.1790603802e+1
302.57	41.791985035	4.1791985035e+1
302.58	41.793366269	4.1793366269e+1
302.59	41.794747502	4.1794747502e+1
302.6	41.796128736	4.1796128736e+1
302.61	41.79750997	4.179750997e+1
302.62	41.798891203	4.1798891203e+1

302.63	41.800272437	4.1800272437e+1
302.64	41.80165367	4.180165367e+1
302.65	41.803034904	4.1803034904e+1
302.66	41.804416138	4.1804416138e+1
302.67	41.805797371	4.1805797371e+1
302.68	41.807178605	4.1807178605e+1
302.69	41.808559838	4.1808559838e+1
302.7	41.809941072	4.1809941072e+1
302.71	41.811322306	4.1811322306e+1
302.72	41.812703539	4.1812703539e+1
302.73	41.814084773	4.1814084773e+1
302.74	41.815466006	4.1815466006e+1
302.75	41.81684724	4.181684724e+1
302.76	41.818228474	4.1818228474e+1
302.77	41.819609707	4.1819609707e+1
302.78	41.820990941	4.1820990941e+1
302.79	41.822372174	4.1822372174e+1
302.8	41.823753408	4.1823753408e+1
302.81	41.825134642	4.1825134642e+1
302.82	41.826515875	4.1826515875e+1
302.83	41.827897109	4.1827897109e+1
302.84	41.829278342	4.1829278342e+1
302.85	41.830659576	4.1830659576e+1
302.86	41.83204081	4.183204081e+1
302.87	41.833422043	4.1833422043e+1
302.88	41.834803277	4.1834803277e+1
302.89	41.83618451	4.183618451e+1
302.9	41.837565744	4.1837565744e+1
302.91	41.838946978	4.1838946978e+1
302.92	41.840328211	4.1840328211e+1
302.93	41.841709445	4.1841709445e+1
302.94	41.843090678	4.1843090678e+1
302.95	41.844471912	4.1844471912e+1
302.96	41.845853146	4.1845853146e+1
302.97	41.847234379	4.1847234379e+1
302.98	41.848615613	4.1848615613e+1
302.99	41.849996846	4.1849996846e+1
303	41.85137808	4.185137808e+1

303.01	41.852759314	4.1852759314e+1
303.02	41.854140547	4.1854140547e+1
303.03	41.855521781	4.1855521781e+1
303.04	41.856903014	4.1856903014e+1
303.05	41.858284248	4.1858284248e+1
303.06	41.859665482	4.1859665482e+1
303.07	41.861046715	4.1861046715e+1
303.08	41.862427949	4.1862427949e+1
303.09	41.863809182	4.1863809182e+1
303.1	41.865190416	4.1865190416e+1
303.11	41.86657165	4.186657165e+1
303.12	41.867952883	4.1867952883e+1
303.13	41.869334117	4.1869334117e+1
303.14	41.87071535	4.187071535e+1
303.15	41.872096584	4.1872096584e+1
303.16	41.873477818	4.1873477818e+1
303.17	41.874859051	4.1874859051e+1
303.18	41.876240285	4.1876240285e+1
303.19	41.877621518	4.1877621518e+1
303.2	41.879002752	4.1879002752e+1
303.21	41.880383986	4.1880383986e+1
303.22	41.881765219	4.1881765219e+1
303.23	41.883146453	4.1883146453e+1
303.24	41.884527686	4.1884527686e+1
303.25	41.88590892	4.188590892e+1
303.26	41.887290154	4.1887290154e+1
303.27	41.888671387	4.1888671387e+1
303.28	41.890052621	4.1890052621e+1
303.29	41.891433854	4.1891433854e+1
303.3	41.892815088	4.1892815088e+1
303.31	41.894196322	4.1894196322e+1
303.32	41.895577555	4.1895577555e+1
303.33	41.896958789	4.1896958789e+1
303.34	41.898340022	4.1898340022e+1
303.35	41.899721256	4.1899721256e+1
303.36	41.90110249	4.190110249e+1
303.37	41.902483723	4.1902483723e+1
303.38	41.903864957	4.1903864957e+1

303.39	41.90524619	4.190524619e+1
303.4	41.906627424	4.1906627424e+1
303.41	41.908008658	4.1908008658e+1
303.42	41.909389891	4.1909389891e+1
303.43	41.910771125	4.1910771125e+1
303.44	41.912152358	4.1912152358e+1
303.45	41.913533592	4.1913533592e+1
303.46	41.914914826	4.1914914826e+1
303.47	41.916296059	4.1916296059e+1
303.48	41.917677293	4.1917677293e+1
303.49	41.919058526	4.1919058526e+1
303.5	41.92043976	4.192043976e+1
303.51	41.921820994	4.1921820994e+1
303.52	41.923202227	4.1923202227e+1
303.53	41.924583461	4.1924583461e+1
303.54	41.925964694	4.1925964694e+1
303.55	41.927345928	4.1927345928e+1
303.56	41.928727162	4.1928727162e+1
303.57	41.930108395	4.1930108395e+1
303.58	41.931489629	4.1931489629e+1
303.59	41.932870862	4.1932870862e+1
303.6	41.934252096	4.1934252096e+1
303.61	41.93563333	4.193563333e+1
303.62	41.937014563	4.1937014563e+1
303.63	41.938395797	4.1938395797e+1
303.64	41.93977703	4.193977703e+1
303.65	41.941158264	4.1941158264e+1
303.66	41.942539498	4.1942539498e+1
303.67	41.943920731	4.1943920731e+1
303.68	41.945301965	4.1945301965e+1
303.69	41.946683198	4.1946683198e+1
303.7	41.948064432	4.1948064432e+1
303.71	41.949445666	4.1949445666e+1
303.72	41.950826899	4.1950826899e+1
303.73	41.952208133	4.1952208133e+1
303.74	41.953589366	4.1953589366e+1
303.75	41.9549706	4.19549706e+1
303.76	41.956351834	4.1956351834e+1

303.77	41.957733067	4.1957733067e+1
303.78	41.959114301	4.1959114301e+1
303.79	41.960495534	4.1960495534e+1
303.8	41.961876768	4.1961876768e+1
303.81	41.963258002	4.1963258002e+1
303.82	41.964639235	4.1964639235e+1
303.83	41.966020469	4.1966020469e+1
303.84	41.967401702	4.1967401702e+1
303.85	41.968782936	4.1968782936e+1
303.86	41.97016417	4.197016417e+1
303.87	41.971545403	4.1971545403e+1
303.88	41.972926637	4.1972926637e+1
303.89	41.97430787	4.197430787e+1
303.9	41.975689104	4.1975689104e+1
303.91	41.977070338	4.1977070338e+1
303.92	41.978451571	4.1978451571e+1
303.93	41.979832805	4.1979832805e+1
303.94	41.981214038	4.1981214038e+1
303.95	41.982595272	4.1982595272e+1
303.96	41.983976506	4.1983976506e+1
303.97	41.985357739	4.1985357739e+1
303.98	41.986738973	4.1986738973e+1
303.99	41.988120206	4.1988120206e+1
304	41.98950144	4.198950144e+1
304.01	41.990882674	4.1990882674e+1
304.02	41.992263907	4.1992263907e+1
304.03	41.993645141	4.1993645141e+1
304.04	41.995026374	4.1995026374e+1
304.05	41.996407608	4.1996407608e+1
304.06	41.997788842	4.1997788842e+1
304.07	41.999170075	4.1999170075e+1
304.08	42.000551309	4.2000551309e+1
304.09	42.001932542	4.2001932542e+1
304.1	42.003313776	4.2003313776e+1
304.11	42.00469501	4.200469501e+1
304.12	42.006076243	4.2006076243e+1
304.13	42.007457477	4.2007457477e+1
304.14	42.00883871	4.200883871e+1

304.15	42.010219944	4.2010219944e+1
304.16	42.011601178	4.2011601178e+1
304.17	42.012982411	4.2012982411e+1
304.18	42.014363645	4.2014363645e+1
304.19	42.015744878	4.2015744878e+1
304.2	42.017126112	4.2017126112e+1
304.21	42.018507346	4.2018507346e+1
304.22	42.019888579	4.2019888579e+1
304.23	42.021269813	4.2021269813e+1
304.24	42.022651046	4.2022651046e+1
304.25	42.02403228	4.202403228e+1
304.26	42.025413514	4.2025413514e+1
304.27	42.026794747	4.2026794747e+1
304.28	42.028175981	4.2028175981e+1
304.29	42.029557214	4.2029557214e+1
304.3	42.030938448	4.2030938448e+1
304.31	42.032319682	4.2032319682e+1
304.32	42.033700915	4.2033700915e+1
304.33	42.035082149	4.2035082149e+1
304.34	42.036463382	4.2036463382e+1
304.35	42.037844616	4.2037844616e+1
304.36	42.03922585	4.203922585e+1
304.37	42.040607083	4.2040607083e+1
304.38	42.041988317	4.2041988317e+1
304.39	42.04336955	4.204336955e+1
304.4	42.044750784	4.2044750784e+1
304.41	42.046132018	4.2046132018e+1
304.42	42.047513251	4.2047513251e+1
304.43	42.048894485	4.2048894485e+1
304.44	42.050275718	4.2050275718e+1
304.45	42.051656952	4.2051656952e+1
304.46	42.053038186	4.2053038186e+1
304.47	42.054419419	4.2054419419e+1
304.48	42.055800653	4.2055800653e+1
304.49	42.057181886	4.2057181886e+1
304.5	42.05856312	4.205856312e+1
304.51	42.059944354	4.2059944354e+1
304.52	42.061325587	4.2061325587e+1

304.53	42.062706821	4.2062706821e+1
304.54	42.064088054	4.2064088054e+1
304.55	42.065469288	4.2065469288e+1
304.56	42.066850522	4.2066850522e+1
304.57	42.068231755	4.2068231755e+1
304.58	42.069612989	4.2069612989e+1
304.59	42.070994222	4.2070994222e+1
304.6	42.072375456	4.2072375456e+1
304.61	42.07375669	4.207375669e+1
304.62	42.075137923	4.2075137923e+1
304.63	42.076519157	4.2076519157e+1
304.64	42.07790039	4.207790039e+1
304.65	42.079281624	4.2079281624e+1
304.66	42.080662858	4.2080662858e+1
304.67	42.082044091	4.2082044091e+1
304.68	42.083425325	4.2083425325e+1
304.69	42.084806558	4.2084806558e+1
304.7	42.086187792	4.2086187792e+1
304.71	42.087569026	4.2087569026e+1
304.72	42.088950259	4.2088950259e+1
304.73	42.090331493	4.2090331493e+1
304.74	42.091712726	4.2091712726e+1
304.75	42.09309396	4.209309396e+1
304.76	42.094475194	4.2094475194e+1
304.77	42.095856427	4.2095856427e+1
304.78	42.097237661	4.2097237661e+1
304.79	42.098618894	4.2098618894e+1
304.8	42.100000128	4.2100000128e+1
304.81	42.101381362	4.2101381362e+1
304.82	42.102762595	4.2102762595e+1
304.83	42.104143829	4.2104143829e+1
304.84	42.105525062	4.2105525062e+1
304.85	42.106906296	4.2106906296e+1
304.86	42.10828753	4.210828753e+1
304.87	42.109668763	4.2109668763e+1
304.88	42.111049997	4.2111049997e+1
304.89	42.11243123	4.211243123e+1
304.9	42.113812464	4.2113812464e+1

304.91	42.115193698	4.2115193698e+1
304.92	42.116574931	4.2116574931e+1
304.93	42.117956165	4.2117956165e+1
304.94	42.119337398	4.2119337398e+1
304.95	42.120718632	4.2120718632e+1
304.96	42.122099866	4.2122099866e+1
304.97	42.123481099	4.2123481099e+1
304.98	42.124862333	4.2124862333e+1
304.99	42.126243566	4.2126243566e+1
305	42.1276248	4.21276248e+1
305.01	42.129006034	4.2129006034e+1
305.02	42.130387267	4.2130387267e+1
305.03	42.131768501	4.2131768501e+1
305.04	42.133149734	4.2133149734e+1
305.05	42.134530968	4.2134530968e+1
305.06	42.135912202	4.2135912202e+1
305.07	42.137293435	4.2137293435e+1
305.08	42.138674669	4.2138674669e+1
305.09	42.140055902	4.2140055902e+1
305.1	42.141437136	4.2141437136e+1
305.11	42.14281837	4.214281837e+1
305.12	42.144199603	4.2144199603e+1
305.13	42.145580837	4.2145580837e+1
305.14	42.14696207	4.214696207e+1
305.15	42.148343304	4.2148343304e+1
305.16	42.149724538	4.2149724538e+1
305.17	42.151105771	4.2151105771e+1
305.18	42.152487005	4.2152487005e+1
305.19	42.153868238	4.2153868238e+1
305.2	42.155249472	4.2155249472e+1
305.21	42.156630706	4.2156630706e+1
305.22	42.158011939	4.2158011939e+1
305.23	42.159393173	4.2159393173e+1
305.24	42.160774406	4.2160774406e+1
305.25	42.16215564	4.216215564e+1
305.26	42.163536874	4.2163536874e+1
305.27	42.164918107	4.2164918107e+1
305.28	42.166299341	4.2166299341e+1

305.29	42.167680574	4.2167680574e+1
305.3	42.169061808	4.2169061808e+1
305.31	42.170443042	4.2170443042e+1
305.32	42.171824275	4.2171824275e+1
305.33	42.173205509	4.2173205509e+1
305.34	42.174586742	4.2174586742e+1
305.35	42.175967976	4.2175967976e+1
305.36	42.17734921	4.217734921e+1
305.37	42.178730443	4.2178730443e+1
305.38	42.180111677	4.2180111677e+1
305.39	42.18149291	4.218149291e+1
305.4	42.182874144	4.2182874144e+1
305.41	42.184255378	4.2184255378e+1
305.42	42.185636611	4.2185636611e+1
305.43	42.187017845	4.2187017845e+1
305.44	42.188399078	4.2188399078e+1
305.45	42.189780312	4.2189780312e+1
305.46	42.191161546	4.2191161546e+1
305.47	42.192542779	4.2192542779e+1
305.48	42.193924013	4.2193924013e+1
305.49	42.195305246	4.2195305246e+1
305.5	42.19668648	4.219668648e+1
305.51	42.198067714	4.2198067714e+1
305.52	42.199448947	4.2199448947e+1
305.53	42.200830181	4.2200830181e+1
305.54	42.202211414	4.2202211414e+1
305.55	42.203592648	4.2203592648e+1
305.56	42.204973882	4.2204973882e+1
305.57	42.206355115	4.2206355115e+1
305.58	42.207736349	4.2207736349e+1
305.59	42.209117582	4.2209117582e+1
305.6	42.210498816	4.2210498816e+1
305.61	42.21188005	4.221188005e+1
305.62	42.213261283	4.2213261283e+1
305.63	42.214642517	4.2214642517e+1
305.64	42.21602375	4.221602375e+1
305.65	42.217404984	4.2217404984e+1
305.66	42.218786218	4.2218786218e+1

305.67	42.220167451	4.2220167451e+1
305.68	42.221548685	4.2221548685e+1
305.69	42.222929918	4.2222929918e+1
305.7	42.224311152	4.2224311152e+1
305.71	42.225692386	4.2225692386e+1
305.72	42.227073619	4.2227073619e+1
305.73	42.228454853	4.2228454853e+1
305.74	42.229836086	4.2229836086e+1
305.75	42.23121732	4.223121732e+1
305.76	42.232598554	4.2232598554e+1
305.77	42.233979787	4.2233979787e+1
305.78	42.235361021	4.2235361021e+1
305.79	42.236742254	4.2236742254e+1
305.8	42.238123488	4.2238123488e+1
305.81	42.239504722	4.2239504722e+1
305.82	42.240885955	4.2240885955e+1
305.83	42.242267189	4.2242267189e+1
305.84	42.243648422	4.2243648422e+1
305.85	42.245029656	4.2245029656e+1
305.86	42.24641089	4.224641089e+1
305.87	42.247792123	4.2247792123e+1
305.88	42.249173357	4.2249173357e+1
305.89	42.25055459	4.225055459e+1
305.9	42.251935824	4.2251935824e+1
305.91	42.253317058	4.2253317058e+1
305.92	42.254698291	4.2254698291e+1
305.93	42.256079525	4.2256079525e+1
305.94	42.257460758	4.2257460758e+1
305.95	42.258841992	4.2258841992e+1
305.96	42.260223226	4.2260223226e+1
305.97	42.261604459	4.2261604459e+1
305.98	42.262985693	4.2262985693e+1
305.99	42.264366926	4.2264366926e+1
306	42.26574816	4.226574816e+1
306.01	42.267129394	4.2267129394e+1
306.02	42.268510627	4.2268510627e+1
306.03	42.269891861	4.2269891861e+1
306.04	42.271273094	4.2271273094e+1

306.05	42.272654328	4.2272654328e+1
306.06	42.274035562	4.2274035562e+1
306.07	42.275416795	4.2275416795e+1
306.08	42.276798029	4.2276798029e+1
306.09	42.278179262	4.2278179262e+1
306.1	42.279560496	4.2279560496e+1
306.11	42.28094173	4.228094173e+1
306.12	42.282322963	4.2282322963e+1
306.13	42.283704197	4.2283704197e+1
306.14	42.28508543	4.228508543e+1
306.15	42.286466664	4.2286466664e+1
306.16	42.287847898	4.2287847898e+1
306.17	42.289229131	4.2289229131e+1
306.18	42.290610365	4.2290610365e+1
306.19	42.291991598	4.2291991598e+1
306.2	42.293372832	4.2293372832e+1
306.21	42.294754066	4.2294754066e+1
306.22	42.296135299	4.2296135299e+1
306.23	42.297516533	4.2297516533e+1
306.24	42.298897766	4.2298897766e+1
306.25	42.300279	4.2300279e+1
306.26	42.301660234	4.2301660234e+1
306.27	42.303041467	4.2303041467e+1
306.28	42.304422701	4.2304422701e+1
306.29	42.305803934	4.2305803934e+1
306.3	42.307185168	4.2307185168e+1
306.31	42.308566402	4.2308566402e+1
306.32	42.309947635	4.2309947635e+1
306.33	42.311328869	4.2311328869e+1
306.34	42.312710102	4.2312710102e+1
306.35	42.314091336	4.2314091336e+1
306.36	42.31547257	4.231547257e+1
306.37	42.316853803	4.2316853803e+1
306.38	42.318235037	4.2318235037e+1
306.39	42.31961627	4.231961627e+1
306.4	42.320997504	4.2320997504e+1
306.41	42.322378738	4.2322378738e+1
306.42	42.323759971	4.2323759971e+1

306.43	42.325141205	4.2325141205e+1
306.44	42.326522438	4.2326522438e+1
306.45	42.327903672	4.2327903672e+1
306.46	42.329284906	4.2329284906e+1
306.47	42.330666139	4.2330666139e+1
306.48	42.332047373	4.2332047373e+1
306.49	42.333428606	4.2333428606e+1
306.5	42.33480984	4.233480984e+1
306.51	42.336191074	4.2336191074e+1
306.52	42.337572307	4.2337572307e+1
306.53	42.338953541	4.2338953541e+1
306.54	42.340334774	4.2340334774e+1
306.55	42.341716008	4.2341716008e+1
306.56	42.343097242	4.2343097242e+1
306.57	42.344478475	4.2344478475e+1
306.58	42.345859709	4.2345859709e+1
306.59	42.347240942	4.2347240942e+1
306.6	42.348622176	4.2348622176e+1
306.61	42.35000341	4.235000341e+1
306.62	42.351384643	4.2351384643e+1
306.63	42.352765877	4.2352765877e+1
306.64	42.35414711	4.235414711e+1
306.65	42.355528344	4.2355528344e+1
306.66	42.356909578	4.2356909578e+1
306.67	42.358290811	4.2358290811e+1
306.68	42.359672045	4.2359672045e+1
306.69	42.361053278	4.2361053278e+1
306.7	42.362434512	4.2362434512e+1
306.71	42.363815746	4.2363815746e+1
306.72	42.365196979	4.2365196979e+1
306.73	42.366578213	4.2366578213e+1
306.74	42.367959446	4.2367959446e+1
306.75	42.36934068	4.236934068e+1
306.76	42.370721914	4.2370721914e+1
306.77	42.372103147	4.2372103147e+1
306.78	42.373484381	4.2373484381e+1
306.79	42.374865614	4.2374865614e+1
306.8	42.376246848	4.2376246848e+1

306.81	42.377628082	4.2377628082e+1
306.82	42.379009315	4.2379009315e+1
306.83	42.380390549	4.2380390549e+1
306.84	42.381771782	4.2381771782e+1
306.85	42.383153016	4.2383153016e+1
306.86	42.38453425	4.238453425e+1
306.87	42.385915483	4.2385915483e+1
306.88	42.387296717	4.2387296717e+1
306.89	42.38867795	4.238867795e+1
306.9	42.390059184	4.2390059184e+1
306.91	42.391440418	4.2391440418e+1
306.92	42.392821651	4.2392821651e+1
306.93	42.394202885	4.2394202885e+1
306.94	42.395584118	4.2395584118e+1
306.95	42.396965352	4.2396965352e+1
306.96	42.398346586	4.2398346586e+1
306.97	42.399727819	4.2399727819e+1
306.98	42.401109053	4.2401109053e+1
306.99	42.402490286	4.2402490286e+1
307	42.40387152	4.240387152e+1
307.01	42.405252754	4.2405252754e+1
307.02	42.406633987	4.2406633987e+1
307.03	42.408015221	4.2408015221e+1
307.04	42.409396454	4.2409396454e+1
307.05	42.410777688	4.2410777688e+1
307.06	42.412158922	4.2412158922e+1
307.07	42.413540155	4.2413540155e+1
307.08	42.414921389	4.2414921389e+1
307.09	42.416302622	4.2416302622e+1
307.1	42.417683856	4.2417683856e+1
307.11	42.41906509	4.241906509e+1
307.12	42.420446323	4.2420446323e+1
307.13	42.421827557	4.2421827557e+1
307.14	42.42320879	4.242320879e+1
307.15	42.424590024	4.2424590024e+1
307.16	42.425971258	4.2425971258e+1
307.17	42.427352491	4.2427352491e+1
307.18	42.428733725	4.2428733725e+1

307.19	42.430114958	4.2430114958e+1
307.2	42.431496192	4.2431496192e+1
307.21	42.432877426	4.2432877426e+1
307.22	42.434258659	4.2434258659e+1
307.23	42.435639893	4.2435639893e+1
307.24	42.437021126	4.2437021126e+1
307.25	42.43840236	4.243840236e+1
307.26	42.439783594	4.2439783594e+1
307.27	42.441164827	4.2441164827e+1
307.28	42.442546061	4.2442546061e+1
307.29	42.443927294	4.2443927294e+1
307.3	42.445308528	4.2445308528e+1
307.31	42.446689762	4.2446689762e+1
307.32	42.448070995	4.2448070995e+1
307.33	42.449452229	4.2449452229e+1
307.34	42.450833462	4.2450833462e+1
307.35	42.452214696	4.2452214696e+1
307.36	42.45359593	4.245359593e+1
307.37	42.454977163	4.2454977163e+1
307.38	42.456358397	4.2456358397e+1
307.39	42.45773963	4.245773963e+1
307.4	42.459120864	4.2459120864e+1
307.41	42.460502098	4.2460502098e+1
307.42	42.461883331	4.2461883331e+1
307.43	42.463264565	4.2463264565e+1
307.44	42.464645798	4.2464645798e+1
307.45	42.466027032	4.2466027032e+1
307.46	42.467408266	4.2467408266e+1
307.47	42.468789499	4.2468789499e+1
307.48	42.470170733	4.2470170733e+1
307.49	42.471551966	4.2471551966e+1
307.5	42.4729332	4.24729332e+1
307.51	42.474314434	4.2474314434e+1
307.52	42.475695667	4.2475695667e+1
307.53	42.477076901	4.2477076901e+1
307.54	42.478458134	4.2478458134e+1
307.55	42.479839368	4.2479839368e+1
307.56	42.481220602	4.2481220602e+1

307.57	42.482601835	4.2482601835e+1
307.58	42.483983069	4.2483983069e+1
307.59	42.485364302	4.2485364302e+1
307.6	42.486745536	4.2486745536e+1
307.61	42.48812677	4.248812677e+1
307.62	42.489508003	4.2489508003e+1
307.63	42.490889237	4.2490889237e+1
307.64	42.49227047	4.249227047e+1
307.65	42.493651704	4.2493651704e+1
307.66	42.495032938	4.2495032938e+1
307.67	42.496414171	4.2496414171e+1
307.68	42.497795405	4.2497795405e+1
307.69	42.499176638	4.2499176638e+1
307.7	42.500557872	4.2500557872e+1
307.71	42.501939106	4.2501939106e+1
307.72	42.503320339	4.2503320339e+1
307.73	42.504701573	4.2504701573e+1
307.74	42.506082806	4.2506082806e+1
307.75	42.50746404	4.250746404e+1
307.76	42.508845274	4.2508845274e+1
307.77	42.510226507	4.2510226507e+1
307.78	42.511607741	4.2511607741e+1
307.79	42.512988974	4.2512988974e+1
307.8	42.514370208	4.2514370208e+1
307.81	42.515751442	4.2515751442e+1
307.82	42.517132675	4.2517132675e+1
307.83	42.518513909	4.2518513909e+1
307.84	42.519895142	4.2519895142e+1
307.85	42.521276376	4.2521276376e+1
307.86	42.52265761	4.252265761e+1
307.87	42.524038843	4.2524038843e+1
307.88	42.525420077	4.2525420077e+1
307.89	42.52680131	4.252680131e+1
307.9	42.528182544	4.2528182544e+1
307.91	42.529563778	4.2529563778e+1
307.92	42.530945011	4.2530945011e+1
307.93	42.532326245	4.2532326245e+1
307.94	42.533707478	4.2533707478e+1

307.95	42.535088712	4.2535088712e+1
307.96	42.536469946	4.2536469946e+1
307.97	42.537851179	4.2537851179e+1
307.98	42.539232413	4.2539232413e+1
307.99	42.540613646	4.2540613646e+1
308	42.54199488	4.254199488e+1
308.01	42.543376114	4.2543376114e+1
308.02	42.544757347	4.2544757347e+1
308.03	42.546138581	4.2546138581e+1
308.04	42.547519814	4.2547519814e+1
308.05	42.548901048	4.2548901048e+1
308.06	42.550282282	4.2550282282e+1
308.07	42.551663515	4.2551663515e+1
308.08	42.553044749	4.2553044749e+1
308.09	42.554425982	4.2554425982e+1
308.1	42.555807216	4.2555807216e+1
308.11	42.55718845	4.255718845e+1
308.12	42.558569683	4.2558569683e+1
308.13	42.559950917	4.2559950917e+1
308.14	42.56133215	4.256133215e+1
308.15	42.562713384	4.2562713384e+1
308.16	42.564094618	4.2564094618e+1
308.17	42.565475851	4.2565475851e+1
308.18	42.566857085	4.2566857085e+1
308.19	42.568238318	4.2568238318e+1
308.2	42.569619552	4.2569619552e+1
308.21	42.571000786	4.2571000786e+1
308.22	42.572382019	4.2572382019e+1
308.23	42.573763253	4.2573763253e+1
308.24	42.575144486	4.2575144486e+1
308.25	42.57652572	4.257652572e+1
308.26	42.577906954	4.2577906954e+1
308.27	42.579288187	4.2579288187e+1
308.28	42.580669421	4.2580669421e+1
308.29	42.582050654	4.2582050654e+1
308.3	42.583431888	4.2583431888e+1
308.31	42.584813122	4.2584813122e+1
308.32	42.586194355	4.2586194355e+1

308.33	42.587575589	4.2587575589e+1
308.34	42.588956822	4.2588956822e+1
308.35	42.590338056	4.2590338056e+1
308.36	42.59171929	4.259171929e+1
308.37	42.593100523	4.2593100523e+1
308.38	42.594481757	4.2594481757e+1
308.39	42.59586299	4.259586299e+1
308.4	42.597244224	4.2597244224e+1
308.41	42.598625458	4.2598625458e+1
308.42	42.600006691	4.2600006691e+1
308.43	42.601387925	4.2601387925e+1
308.44	42.602769158	4.2602769158e+1
308.45	42.604150392	4.2604150392e+1
308.46	42.605531626	4.2605531626e+1
308.47	42.606912859	4.2606912859e+1
308.48	42.608294093	4.2608294093e+1
308.49	42.609675326	4.2609675326e+1
308.5	42.61105656	4.261105656e+1
308.51	42.612437794	4.2612437794e+1
308.52	42.613819027	4.2613819027e+1
308.53	42.615200261	4.2615200261e+1
308.54	42.616581494	4.2616581494e+1
308.55	42.617962728	4.2617962728e+1
308.56	42.619343962	4.2619343962e+1
308.57	42.620725195	4.2620725195e+1
308.58	42.622106429	4.2622106429e+1
308.59	42.623487662	4.2623487662e+1
308.6	42.624868896	4.2624868896e+1
308.61	42.62625013	4.262625013e+1
308.62	42.627631363	4.2627631363e+1
308.63	42.629012597	4.2629012597e+1
308.64	42.63039383	4.263039383e+1
308.65	42.631775064	4.2631775064e+1
308.66	42.633156298	4.2633156298e+1
308.67	42.634537531	4.2634537531e+1
308.68	42.635918765	4.2635918765e+1
308.69	42.637299998	4.2637299998e+1
308.7	42.638681232	4.2638681232e+1

308.71	42.640062466	4.2640062466e+1
308.72	42.641443699	4.2641443699e+1
308.73	42.642824933	4.2642824933e+1
308.74	42.644206166	4.2644206166e+1
308.75	42.6455874	4.26455874e+1
308.76	42.646968634	4.2646968634e+1
308.77	42.648349867	4.2648349867e+1
308.78	42.649731101	4.2649731101e+1
308.79	42.651112334	4.2651112334e+1
308.8	42.652493568	4.2652493568e+1
308.81	42.653874802	4.2653874802e+1
308.82	42.655256035	4.2655256035e+1
308.83	42.656637269	4.2656637269e+1
308.84	42.658018502	4.2658018502e+1
308.85	42.659399736	4.2659399736e+1
308.86	42.66078097	4.266078097e+1
308.87	42.662162203	4.2662162203e+1
308.88	42.663543437	4.2663543437e+1
308.89	42.66492467	4.266492467e+1
308.9	42.666305904	4.2666305904e+1
308.91	42.667687138	4.2667687138e+1
308.92	42.669068371	4.2669068371e+1
308.93	42.670449605	4.2670449605e+1
308.94	42.671830838	4.2671830838e+1
308.95	42.673212072	4.2673212072e+1
308.96	42.674593306	4.2674593306e+1
308.97	42.675974539	4.2675974539e+1
308.98	42.677355773	4.2677355773e+1
308.99	42.678737006	4.2678737006e+1
309	42.68011824	4.268011824e+1
309.01	42.681499474	4.2681499474e+1
309.02	42.682880707	4.2682880707e+1
309.03	42.684261941	4.2684261941e+1
309.04	42.685643174	4.2685643174e+1
309.05	42.687024408	4.2687024408e+1
309.06	42.688405642	4.2688405642e+1
309.07	42.689786875	4.2689786875e+1
309.08	42.691168109	4.2691168109e+1

309.09	42.692549342	4.2692549342e+1
309.1	42.693930576	4.2693930576e+1
309.11	42.69531181	4.269531181e+1
309.12	42.696693043	4.2696693043e+1
309.13	42.698074277	4.2698074277e+1
309.14	42.69945551	4.269945551e+1
309.15	42.700836744	4.2700836744e+1
309.16	42.702217978	4.2702217978e+1
309.17	42.703599211	4.2703599211e+1
309.18	42.704980445	4.2704980445e+1
309.19	42.706361678	4.2706361678e+1
309.2	42.707742912	4.2707742912e+1
309.21	42.709124146	4.2709124146e+1
309.22	42.710505379	4.2710505379e+1
309.23	42.711886613	4.2711886613e+1
309.24	42.713267846	4.2713267846e+1
309.25	42.71464908	4.271464908e+1
309.26	42.716030314	4.2716030314e+1
309.27	42.717411547	4.2717411547e+1
309.28	42.718792781	4.2718792781e+1
309.29	42.720174014	4.2720174014e+1
309.3	42.721555248	4.2721555248e+1
309.31	42.722936482	4.2722936482e+1
309.32	42.724317715	4.2724317715e+1
309.33	42.725698949	4.2725698949e+1
309.34	42.727080182	4.2727080182e+1
309.35	42.728461416	4.2728461416e+1
309.36	42.72984265	4.272984265e+1
309.37	42.731223883	4.2731223883e+1
309.38	42.732605117	4.2732605117e+1
309.39	42.73398635	4.273398635e+1
309.4	42.735367584	4.2735367584e+1
309.41	42.736748818	4.2736748818e+1
309.42	42.738130051	4.2738130051e+1
309.43	42.739511285	4.2739511285e+1
309.44	42.740892518	4.2740892518e+1
309.45	42.742273752	4.2742273752e+1
309.46	42.743654986	4.2743654986e+1

309.47	42.745036219	4.2745036219e+1
309.48	42.746417453	4.2746417453e+1
309.49	42.747798686	4.2747798686e+1
309.5	42.74917992	4.274917992e+1
309.51	42.750561154	4.2750561154e+1
309.52	42.751942387	4.2751942387e+1
309.53	42.753323621	4.2753323621e+1
309.54	42.754704854	4.2754704854e+1
309.55	42.756086088	4.2756086088e+1
309.56	42.757467322	4.2757467322e+1
309.57	42.758848555	4.2758848555e+1
309.58	42.760229789	4.2760229789e+1
309.59	42.761611022	4.2761611022e+1
309.6	42.762992256	4.2762992256e+1
309.61	42.76437349	4.276437349e+1
309.62	42.765754723	4.2765754723e+1
309.63	42.767135957	4.2767135957e+1
309.64	42.76851719	4.276851719e+1
309.65	42.769898424	4.2769898424e+1
309.66	42.771279658	4.2771279658e+1
309.67	42.772660891	4.2772660891e+1
309.68	42.774042125	4.2774042125e+1
309.69	42.775423358	4.2775423358e+1
309.7	42.776804592	4.2776804592e+1
309.71	42.778185826	4.2778185826e+1
309.72	42.779567059	4.2779567059e+1
309.73	42.780948293	4.2780948293e+1
309.74	42.782329526	4.2782329526e+1
309.75	42.78371076	4.278371076e+1
309.76	42.785091994	4.2785091994e+1
309.77	42.786473227	4.2786473227e+1
309.78	42.787854461	4.2787854461e+1
309.79	42.789235694	4.2789235694e+1
309.8	42.790616928	4.2790616928e+1
309.81	42.791998162	4.2791998162e+1
309.82	42.793379395	4.2793379395e+1
309.83	42.794760629	4.2794760629e+1
309.84	42.796141862	4.2796141862e+1

309.85	42.797523096	4.2797523096e+1
309.86	42.79890433	4.279890433e+1
309.87	42.800285563	4.2800285563e+1
309.88	42.801666797	4.2801666797e+1
309.89	42.80304803	4.280304803e+1
309.9	42.804429264	4.2804429264e+1
309.91	42.805810498	4.2805810498e+1
309.92	42.807191731	4.2807191731e+1
309.93	42.808572965	4.2808572965e+1
309.94	42.809954198	4.2809954198e+1
309.95	42.811335432	4.2811335432e+1
309.96	42.812716666	4.2812716666e+1
309.97	42.814097899	4.2814097899e+1
309.98	42.815479133	4.2815479133e+1
309.99	42.816860366	4.2816860366e+1
310	42.8182416	4.28182416e+1
310.01	42.819622834	4.2819622834e+1
310.02	42.821004067	4.2821004067e+1
310.03	42.822385301	4.2822385301e+1
310.04	42.823766534	4.2823766534e+1
310.05	42.825147768	4.2825147768e+1
310.06	42.826529002	4.2826529002e+1
310.07	42.827910235	4.2827910235e+1
310.08	42.829291469	4.2829291469e+1
310.09	42.830672702	4.2830672702e+1
310.1	42.832053936	4.2832053936e+1
310.11	42.83343517	4.283343517e+1
310.12	42.834816403	4.2834816403e+1
310.13	42.836197637	4.2836197637e+1
310.14	42.83757887	4.283757887e+1
310.15	42.838960104	4.2838960104e+1
310.16	42.840341338	4.2840341338e+1
310.17	42.841722571	4.2841722571e+1
310.18	42.843103805	4.2843103805e+1
310.19	42.844485038	4.2844485038e+1
310.2	42.845866272	4.2845866272e+1
310.21	42.847247506	4.2847247506e+1
310.22	42.848628739	4.2848628739e+1

310.23	42.850009973	4.2850009973e+1
310.24	42.851391206	4.2851391206e+1
310.25	42.85277244	4.285277244e+1
310.26	42.854153674	4.2854153674e+1
310.27	42.855534907	4.2855534907e+1
310.28	42.856916141	4.2856916141e+1
310.29	42.858297374	4.2858297374e+1
310.3	42.859678608	4.2859678608e+1
310.31	42.861059842	4.2861059842e+1
310.32	42.862441075	4.2862441075e+1
310.33	42.863822309	4.2863822309e+1
310.34	42.865203542	4.2865203542e+1
310.35	42.866584776	4.2866584776e+1
310.36	42.86796601	4.286796601e+1
310.37	42.869347243	4.2869347243e+1
310.38	42.870728477	4.2870728477e+1
310.39	42.87210971	4.287210971e+1
310.4	42.873490944	4.2873490944e+1
310.41	42.874872178	4.2874872178e+1
310.42	42.876253411	4.2876253411e+1
310.43	42.877634645	4.2877634645e+1
310.44	42.879015878	4.2879015878e+1
310.45	42.880397112	4.2880397112e+1
310.46	42.881778346	4.2881778346e+1
310.47	42.883159579	4.2883159579e+1
310.48	42.884540813	4.2884540813e+1
310.49	42.885922046	4.2885922046e+1
310.5	42.88730328	4.288730328e+1
310.51	42.888684514	4.2888684514e+1
310.52	42.890065747	4.2890065747e+1
310.53	42.891446981	4.2891446981e+1
310.54	42.892828214	4.2892828214e+1
310.55	42.894209448	4.2894209448e+1
310.56	42.895590682	4.2895590682e+1
310.57	42.896971915	4.2896971915e+1
310.58	42.898353149	4.2898353149e+1
310.59	42.899734382	4.2899734382e+1
310.6	42.901115616	4.2901115616e+1

310.61	42.90249685	4.290249685e+1
310.62	42.903878083	4.2903878083e+1
310.63	42.905259317	4.2905259317e+1
310.64	42.90664055	4.290664055e+1
310.65	42.908021784	4.2908021784e+1
310.66	42.909403018	4.2909403018e+1
310.67	42.910784251	4.2910784251e+1
310.68	42.912165485	4.2912165485e+1
310.69	42.913546718	4.2913546718e+1
310.7	42.914927952	4.2914927952e+1
310.71	42.916309186	4.2916309186e+1
310.72	42.917690419	4.2917690419e+1
310.73	42.919071653	4.2919071653e+1
310.74	42.920452886	4.2920452886e+1
310.75	42.92183412	4.292183412e+1
310.76	42.923215354	4.2923215354e+1
310.77	42.924596587	4.2924596587e+1
310.78	42.925977821	4.2925977821e+1
310.79	42.927359054	4.2927359054e+1
310.8	42.928740288	4.2928740288e+1
310.81	42.930121522	4.2930121522e+1
310.82	42.931502755	4.2931502755e+1
310.83	42.932883989	4.2932883989e+1
310.84	42.934265222	4.2934265222e+1
310.85	42.935646456	4.2935646456e+1
310.86	42.93702769	4.293702769e+1
310.87	42.938408923	4.2938408923e+1
310.88	42.939790157	4.2939790157e+1
310.89	42.94117139	4.294117139e+1
310.9	42.942552624	4.2942552624e+1
310.91	42.943933858	4.2943933858e+1
310.92	42.945315091	4.2945315091e+1
310.93	42.946696325	4.2946696325e+1
310.94	42.948077558	4.2948077558e+1
310.95	42.949458792	4.2949458792e+1
310.96	42.950840026	4.2950840026e+1
310.97	42.952221259	4.2952221259e+1
310.98	42.953602493	4.2953602493e+1

310.99	42.954983726	4.2954983726e+1
311	42.95636496	4.295636496e+1
311.01	42.957746194	4.2957746194e+1
311.02	42.959127427	4.2959127427e+1
311.03	42.960508661	4.2960508661e+1
311.04	42.961889894	4.2961889894e+1
311.05	42.963271128	4.2963271128e+1
311.06	42.964652362	4.2964652362e+1
311.07	42.966033595	4.2966033595e+1
311.08	42.967414829	4.2967414829e+1
311.09	42.968796062	4.2968796062e+1
311.1	42.970177296	4.2970177296e+1
311.11	42.97155853	4.297155853e+1
311.12	42.972939763	4.2972939763e+1
311.13	42.974320997	4.2974320997e+1
311.14	42.97570223	4.297570223e+1
311.15	42.977083464	4.2977083464e+1
311.16	42.978464698	4.2978464698e+1
311.17	42.979845931	4.2979845931e+1
311.18	42.981227165	4.2981227165e+1
311.19	42.982608398	4.2982608398e+1
311.2	42.983989632	4.2983989632e+1
311.21	42.985370866	4.2985370866e+1
311.22	42.986752099	4.2986752099e+1
311.23	42.988133333	4.2988133333e+1
311.24	42.989514566	4.2989514566e+1
311.25	42.9908958	4.29908958e+1
311.26	42.992277034	4.2992277034e+1
311.27	42.993658267	4.2993658267e+1
311.28	42.995039501	4.2995039501e+1
311.29	42.996420734	4.2996420734e+1
311.3	42.997801968	4.2997801968e+1
311.31	42.999183202	4.2999183202e+1
311.32	43.000564435	4.3000564435e+1
311.33	43.001945669	4.3001945669e+1
311.34	43.003326902	4.3003326902e+1
311.35	43.004708136	4.3004708136e+1
311.36	43.00608937	4.300608937e+1

311.37	43.007470603	4.3007470603e+1
311.38	43.008851837	4.3008851837e+1
311.39	43.01023307	4.301023307e+1
311.4	43.011614304	4.3011614304e+1
311.41	43.012995538	4.3012995538e+1
311.42	43.014376771	4.3014376771e+1
311.43	43.015758005	4.3015758005e+1
311.44	43.017139238	4.3017139238e+1
311.45	43.018520472	4.3018520472e+1
311.46	43.019901706	4.3019901706e+1
311.47	43.021282939	4.3021282939e+1
311.48	43.022664173	4.3022664173e+1
311.49	43.024045406	4.3024045406e+1
311.5	43.02542664	4.302542664e+1
311.51	43.026807874	4.3026807874e+1
311.52	43.028189107	4.3028189107e+1
311.53	43.029570341	4.3029570341e+1
311.54	43.030951574	4.3030951574e+1
311.55	43.032332808	4.3032332808e+1
311.56	43.033714042	4.3033714042e+1
311.57	43.035095275	4.3035095275e+1
311.58	43.036476509	4.3036476509e+1
311.59	43.037857742	4.3037857742e+1
311.6	43.039238976	4.3039238976e+1
311.61	43.04062021	4.304062021e+1
311.62	43.042001443	4.3042001443e+1
311.63	43.043382677	4.3043382677e+1
311.64	43.04476391	4.304476391e+1
311.65	43.046145144	4.3046145144e+1
311.66	43.047526378	4.3047526378e+1
311.67	43.048907611	4.3048907611e+1
311.68	43.050288845	4.3050288845e+1
311.69	43.051670078	4.3051670078e+1
311.7	43.053051312	4.3053051312e+1
311.71	43.054432546	4.3054432546e+1
311.72	43.055813779	4.3055813779e+1
311.73	43.057195013	4.3057195013e+1
311.74	43.058576246	4.3058576246e+1

311.75	43.05995748	4.305995748e+1
311.76	43.061338714	4.3061338714e+1
311.77	43.062719947	4.3062719947e+1
311.78	43.064101181	4.3064101181e+1
311.79	43.065482414	4.3065482414e+1
311.8	43.066863648	4.3066863648e+1
311.81	43.068244882	4.3068244882e+1
311.82	43.069626115	4.3069626115e+1
311.83	43.071007349	4.3071007349e+1
311.84	43.072388582	4.3072388582e+1
311.85	43.073769816	4.3073769816e+1
311.86	43.07515105	4.307515105e+1
311.87	43.076532283	4.3076532283e+1
311.88	43.077913517	4.3077913517e+1
311.89	43.07929475	4.307929475e+1
311.9	43.080675984	4.3080675984e+1
311.91	43.082057218	4.3082057218e+1
311.92	43.083438451	4.3083438451e+1
311.93	43.084819685	4.3084819685e+1
311.94	43.086200918	4.3086200918e+1
311.95	43.087582152	4.3087582152e+1
311.96	43.088963386	4.3088963386e+1
311.97	43.090344619	4.3090344619e+1
311.98	43.091725853	4.3091725853e+1
311.99	43.093107086	4.3093107086e+1
312	43.09448832	4.309448832e+1
312.01	43.095869554	4.3095869554e+1
312.02	43.097250787	4.3097250787e+1
312.03	43.098632021	4.3098632021e+1
312.04	43.100013254	4.3100013254e+1
312.05	43.101394488	4.3101394488e+1
312.06	43.102775722	4.3102775722e+1
312.07	43.104156955	4.3104156955e+1
312.08	43.105538189	4.3105538189e+1
312.09	43.106919422	4.3106919422e+1
312.1	43.108300656	4.3108300656e+1
312.11	43.10968189	4.310968189e+1
312.12	43.111063123	4.3111063123e+1

312.13	43.112444357	4.3112444357e+1
312.14	43.11382559	4.311382559e+1
312.15	43.115206824	4.3115206824e+1
312.16	43.116588058	4.3116588058e+1
312.17	43.117969291	4.3117969291e+1
312.18	43.119350525	4.3119350525e+1
312.19	43.120731758	4.3120731758e+1
312.2	43.122112992	4.3122112992e+1
312.21	43.123494226	4.3123494226e+1
312.22	43.124875459	4.3124875459e+1
312.23	43.126256693	4.3126256693e+1
312.24	43.127637926	4.3127637926e+1
312.25	43.12901916	4.312901916e+1
312.26	43.130400394	4.3130400394e+1
312.27	43.131781627	4.3131781627e+1
312.28	43.133162861	4.3133162861e+1
312.29	43.134544094	4.3134544094e+1
312.3	43.135925328	4.3135925328e+1
312.31	43.137306562	4.3137306562e+1
312.32	43.138687795	4.3138687795e+1
312.33	43.140069029	4.3140069029e+1
312.34	43.141450262	4.3141450262e+1
312.35	43.142831496	4.3142831496e+1
312.36	43.14421273	4.314421273e+1
312.37	43.145593963	4.3145593963e+1
312.38	43.146975197	4.3146975197e+1
312.39	43.14835643	4.314835643e+1
312.4	43.149737664	4.3149737664e+1
312.41	43.151118898	4.3151118898e+1
312.42	43.152500131	4.3152500131e+1
312.43	43.153881365	4.3153881365e+1
312.44	43.155262598	4.3155262598e+1
312.45	43.156643832	4.3156643832e+1
312.46	43.158025066	4.3158025066e+1
312.47	43.159406299	4.3159406299e+1
312.48	43.160787533	4.3160787533e+1
312.49	43.162168766	4.3162168766e+1
312.5	43.16355	4.316355e+1

312.51	43.164931234	4.3164931234e+1
312.52	43.166312467	4.3166312467e+1
312.53	43.167693701	4.3167693701e+1
312.54	43.169074934	4.3169074934e+1
312.55	43.170456168	4.3170456168e+1
312.56	43.171837402	4.3171837402e+1
312.57	43.173218635	4.3173218635e+1
312.58	43.174599869	4.3174599869e+1
312.59	43.175981102	4.3175981102e+1
312.6	43.177362336	4.3177362336e+1
312.61	43.17874357	4.317874357e+1
312.62	43.180124803	4.3180124803e+1
312.63	43.181506037	4.3181506037e+1
312.64	43.18288727	4.318288727e+1
312.65	43.184268504	4.3184268504e+1
312.66	43.185649738	4.3185649738e+1
312.67	43.187030971	4.3187030971e+1
312.68	43.188412205	4.3188412205e+1
312.69	43.189793438	4.3189793438e+1
312.7	43.191174672	4.3191174672e+1
312.71	43.192555906	4.3192555906e+1
312.72	43.193937139	4.3193937139e+1
312.73	43.195318373	4.3195318373e+1
312.74	43.196699606	4.3196699606e+1
312.75	43.19808084	4.319808084e+1
312.76	43.199462074	4.3199462074e+1
312.77	43.200843307	4.3200843307e+1
312.78	43.202224541	4.3202224541e+1
312.79	43.203605774	4.3203605774e+1
312.8	43.204987008	4.3204987008e+1
312.81	43.206368242	4.3206368242e+1
312.82	43.207749475	4.3207749475e+1
312.83	43.209130709	4.3209130709e+1
312.84	43.210511942	4.3210511942e+1
312.85	43.211893176	4.3211893176e+1
312.86	43.21327441	4.321327441e+1
312.87	43.214655643	4.3214655643e+1
312.88	43.216036877	4.3216036877e+1

312.89	43.21741811	4.321741811e+1
312.9	43.218799344	4.3218799344e+1
312.91	43.220180578	4.3220180578e+1
312.92	43.221561811	4.3221561811e+1
312.93	43.222943045	4.3222943045e+1
312.94	43.224324278	4.3224324278e+1
312.95	43.225705512	4.3225705512e+1
312.96	43.227086746	4.3227086746e+1
312.97	43.228467979	4.3228467979e+1
312.98	43.229849213	4.3229849213e+1
312.99	43.231230446	4.3231230446e+1
313	43.23261168	4.323261168e+1
313.01	43.233992914	4.3233992914e+1
313.02	43.235374147	4.3235374147e+1
313.03	43.236755381	4.3236755381e+1
313.04	43.238136614	4.3238136614e+1
313.05	43.239517848	4.3239517848e+1
313.06	43.240899082	4.3240899082e+1
313.07	43.242280315	4.3242280315e+1
313.08	43.243661549	4.3243661549e+1
313.09	43.245042782	4.3245042782e+1
313.1	43.246424016	4.3246424016e+1
313.11	43.24780525	4.324780525e+1
313.12	43.249186483	4.3249186483e+1
313.13	43.250567717	4.3250567717e+1
313.14	43.25194895	4.325194895e+1
313.15	43.253330184	4.3253330184e+1
313.16	43.254711418	4.3254711418e+1
313.17	43.256092651	4.3256092651e+1
313.18	43.257473885	4.3257473885e+1
313.19	43.258855118	4.3258855118e+1
313.2	43.260236352	4.3260236352e+1
313.21	43.261617586	4.3261617586e+1
313.22	43.262998819	4.3262998819e+1
313.23	43.264380053	4.3264380053e+1
313.24	43.265761286	4.3265761286e+1
313.25	43.26714252	4.326714252e+1
313.26	43.268523754	4.3268523754e+1

313.27	43.269904987	4.3269904987e+1
313.28	43.271286221	4.3271286221e+1
313.29	43.272667454	4.3272667454e+1
313.3	43.274048688	4.3274048688e+1
313.31	43.275429922	4.3275429922e+1
313.32	43.276811155	4.3276811155e+1
313.33	43.278192389	4.3278192389e+1
313.34	43.279573622	4.3279573622e+1
313.35	43.280954856	4.3280954856e+1
313.36	43.28233609	4.328233609e+1
313.37	43.283717323	4.3283717323e+1
313.38	43.285098557	4.3285098557e+1
313.39	43.28647979	4.328647979e+1
313.4	43.287861024	4.3287861024e+1
313.41	43.289242258	4.3289242258e+1
313.42	43.290623491	4.3290623491e+1
313.43	43.292004725	4.3292004725e+1
313.44	43.293385958	4.3293385958e+1
313.45	43.294767192	4.3294767192e+1
313.46	43.296148426	4.3296148426e+1
313.47	43.297529659	4.3297529659e+1
313.48	43.298910893	4.3298910893e+1
313.49	43.300292126	4.3300292126e+1
313.5	43.30167336	4.330167336e+1
313.51	43.303054594	4.3303054594e+1
313.52	43.304435827	4.3304435827e+1
313.53	43.305817061	4.3305817061e+1
313.54	43.307198294	4.3307198294e+1
313.55	43.308579528	4.3308579528e+1
313.56	43.309960762	4.3309960762e+1
313.57	43.311341995	4.3311341995e+1
313.58	43.312723229	4.3312723229e+1
313.59	43.314104462	4.3314104462e+1
313.6	43.315485696	4.3315485696e+1
313.61	43.31686693	4.331686693e+1
313.62	43.318248163	4.3318248163e+1
313.63	43.319629397	4.3319629397e+1
313.64	43.32101063	4.332101063e+1

313.65	43.322391864	4.3322391864e+1
313.66	43.323773098	4.3323773098e+1
313.67	43.325154331	4.3325154331e+1
313.68	43.326535565	4.3326535565e+1
313.69	43.327916798	4.3327916798e+1
313.7	43.329298032	4.3329298032e+1
313.71	43.330679266	4.3330679266e+1
313.72	43.332060499	4.3332060499e+1
313.73	43.333441733	4.3333441733e+1
313.74	43.334822966	4.3334822966e+1
313.75	43.3362042	4.33362042e+1
313.76	43.337585434	4.3337585434e+1
313.77	43.338966667	4.3338966667e+1
313.78	43.340347901	4.3340347901e+1
313.79	43.341729134	4.3341729134e+1
313.8	43.343110368	4.3343110368e+1
313.81	43.344491602	4.3344491602e+1
313.82	43.345872835	4.3345872835e+1
313.83	43.347254069	4.3347254069e+1
313.84	43.348635302	4.3348635302e+1
313.85	43.350016536	4.3350016536e+1
313.86	43.35139777	4.335139777e+1
313.87	43.352779003	4.3352779003e+1
313.88	43.354160237	4.3354160237e+1
313.89	43.35554147	4.335554147e+1
313.9	43.356922704	4.3356922704e+1
313.91	43.358303938	4.3358303938e+1
313.92	43.359685171	4.3359685171e+1
313.93	43.361066405	4.3361066405e+1
313.94	43.362447638	4.3362447638e+1
313.95	43.363828872	4.3363828872e+1
313.96	43.365210106	4.3365210106e+1
313.97	43.366591339	4.3366591339e+1
313.98	43.367972573	4.3367972573e+1
313.99	43.369353806	4.3369353806e+1
314	43.37073504	4.337073504e+1
314.01	43.372116274	4.3372116274e+1
314.02	43.373497507	4.3373497507e+1

314.03	43.374878741	4.3374878741e+1
314.04	43.376259974	4.3376259974e+1
314.05	43.377641208	4.3377641208e+1
314.06	43.379022442	4.3379022442e+1
314.07	43.380403675	4.3380403675e+1
314.08	43.381784909	4.3381784909e+1
314.09	43.383166142	4.3383166142e+1
314.1	43.384547376	4.3384547376e+1
314.11	43.38592861	4.338592861e+1
314.12	43.387309843	4.3387309843e+1
314.13	43.388691077	4.3388691077e+1
314.14	43.39007231	4.339007231e+1
314.15	43.391453544	4.3391453544e+1
314.16	43.392834778	4.3392834778e+1
314.17	43.394216011	4.3394216011e+1
314.18	43.395597245	4.3395597245e+1
314.19	43.396978478	4.3396978478e+1
314.2	43.398359712	4.3398359712e+1
314.21	43.399740946	4.3399740946e+1
314.22	43.401122179	4.3401122179e+1
314.23	43.402503413	4.3402503413e+1
314.24	43.403884646	4.3403884646e+1
314.25	43.40526588	4.340526588e+1
314.26	43.406647114	4.3406647114e+1
314.27	43.408028347	4.3408028347e+1
314.28	43.409409581	4.3409409581e+1
314.29	43.410790814	4.3410790814e+1
314.3	43.412172048	4.3412172048e+1
314.31	43.413553282	4.3413553282e+1
314.32	43.414934515	4.3414934515e+1
314.33	43.416315749	4.3416315749e+1
314.34	43.417696982	4.3417696982e+1
314.35	43.419078216	4.3419078216e+1
314.36	43.42045945	4.342045945e+1
314.37	43.421840683	4.3421840683e+1
314.38	43.423221917	4.3423221917e+1
314.39	43.42460315	4.342460315e+1
314.4	43.425984384	4.3425984384e+1

314.41	43.427365618	4.3427365618e+1
314.42	43.428746851	4.3428746851e+1
314.43	43.430128085	4.3430128085e+1
314.44	43.431509318	4.3431509318e+1
314.45	43.432890552	4.3432890552e+1
314.46	43.434271786	4.3434271786e+1
314.47	43.435653019	4.3435653019e+1
314.48	43.437034253	4.3437034253e+1
314.49	43.438415486	4.3438415486e+1
314.5	43.43979672	4.343979672e+1
314.51	43.441177954	4.3441177954e+1
314.52	43.442559187	4.3442559187e+1
314.53	43.443940421	4.3443940421e+1
314.54	43.445321654	4.3445321654e+1
314.55	43.446702888	4.3446702888e+1
314.56	43.448084122	4.3448084122e+1
314.57	43.449465355	4.3449465355e+1
314.58	43.450846589	4.3450846589e+1
314.59	43.452227822	4.3452227822e+1
314.6	43.453609056	4.3453609056e+1
314.61	43.45499029	4.345499029e+1
314.62	43.456371523	4.3456371523e+1
314.63	43.457752757	4.3457752757e+1
314.64	43.45913399	4.345913399e+1
314.65	43.460515224	4.3460515224e+1
314.66	43.461896458	4.3461896458e+1
314.67	43.463277691	4.3463277691e+1
314.68	43.464658925	4.3464658925e+1
314.69	43.466040158	4.3466040158e+1
314.7	43.467421392	4.3467421392e+1
314.71	43.468802626	4.3468802626e+1
314.72	43.470183859	4.3470183859e+1
314.73	43.471565093	4.3471565093e+1
314.74	43.472946326	4.3472946326e+1
314.75	43.47432756	4.347432756e+1
314.76	43.475708794	4.3475708794e+1
314.77	43.477090027	4.3477090027e+1
314.78	43.478471261	4.3478471261e+1

314.79	43.479852494	4.3479852494e+1
314.8	43.481233728	4.3481233728e+1
314.81	43.482614962	4.3482614962e+1
314.82	43.483996195	4.3483996195e+1
314.83	43.485377429	4.3485377429e+1
314.84	43.486758662	4.3486758662e+1
314.85	43.488139896	4.3488139896e+1
314.86	43.48952113	4.348952113e+1
314.87	43.490902363	4.3490902363e+1
314.88	43.492283597	4.3492283597e+1
314.89	43.49366483	4.349366483e+1
314.9	43.495046064	4.3495046064e+1
314.91	43.496427298	4.3496427298e+1
314.92	43.497808531	4.3497808531e+1
314.93	43.499189765	4.3499189765e+1
314.94	43.500570998	4.3500570998e+1
314.95	43.501952232	4.3501952232e+1
314.96	43.503333466	4.3503333466e+1
314.97	43.504714699	4.3504714699e+1
314.98	43.506095933	4.3506095933e+1
314.99	43.507477166	4.3507477166e+1
315	43.5088584	4.35088584e+1
315.01	43.510239634	4.3510239634e+1
315.02	43.511620867	4.3511620867e+1
315.03	43.513002101	4.3513002101e+1
315.04	43.514383334	4.3514383334e+1
315.05	43.515764568	4.3515764568e+1
315.06	43.517145802	4.3517145802e+1
315.07	43.518527035	4.3518527035e+1
315.08	43.519908269	4.3519908269e+1
315.09	43.521289502	4.3521289502e+1
315.1	43.522670736	4.3522670736e+1
315.11	43.52405197	4.352405197e+1
315.12	43.525433203	4.3525433203e+1
315.13	43.526814437	4.3526814437e+1
315.14	43.52819567	4.352819567e+1
315.15	43.529576904	4.3529576904e+1
315.16	43.530958138	4.3530958138e+1

315.17	43.532339371	4.3532339371e+1
315.18	43.533720605	4.3533720605e+1
315.19	43.535101838	4.3535101838e+1
315.2	43.536483072	4.3536483072e+1
315.21	43.537864306	4.3537864306e+1
315.22	43.539245539	4.3539245539e+1
315.23	43.540626773	4.3540626773e+1
315.24	43.542008006	4.3542008006e+1
315.25	43.54338924	4.354338924e+1
315.26	43.544770474	4.3544770474e+1
315.27	43.546151707	4.3546151707e+1
315.28	43.547532941	4.3547532941e+1
315.29	43.548914174	4.3548914174e+1
315.3	43.550295408	4.3550295408e+1
315.31	43.551676642	4.3551676642e+1
315.32	43.553057875	4.3553057875e+1
315.33	43.554439109	4.3554439109e+1
315.34	43.555820342	4.3555820342e+1
315.35	43.557201576	4.3557201576e+1
315.36	43.55858281	4.355858281e+1
315.37	43.559964043	4.3559964043e+1
315.38	43.561345277	4.3561345277e+1
315.39	43.56272651	4.356272651e+1
315.4	43.564107744	4.3564107744e+1
315.41	43.565488978	4.3565488978e+1
315.42	43.566870211	4.3566870211e+1
315.43	43.568251445	4.3568251445e+1
315.44	43.569632678	4.3569632678e+1
315.45	43.571013912	4.3571013912e+1
315.46	43.572395146	4.3572395146e+1
315.47	43.573776379	4.3573776379e+1
315.48	43.575157613	4.3575157613e+1
315.49	43.576538846	4.3576538846e+1
315.5	43.57792008	4.357792008e+1
315.51	43.579301314	4.3579301314e+1
315.52	43.580682547	4.3580682547e+1
315.53	43.582063781	4.3582063781e+1
315.54	43.583445014	4.3583445014e+1

315.55	43.584826248	4.3584826248e+1
315.56	43.586207482	4.3586207482e+1
315.57	43.587588715	4.3587588715e+1
315.58	43.588969949	4.3588969949e+1
315.59	43.590351182	4.3590351182e+1
315.6	43.591732416	4.3591732416e+1
315.61	43.59311365	4.359311365e+1
315.62	43.594494883	4.3594494883e+1
315.63	43.595876117	4.3595876117e+1
315.64	43.59725735	4.359725735e+1
315.65	43.598638584	4.3598638584e+1
315.66	43.600019818	4.3600019818e+1
315.67	43.601401051	4.3601401051e+1
315.68	43.602782285	4.3602782285e+1
315.69	43.604163518	4.3604163518e+1
315.7	43.605544752	4.3605544752e+1
315.71	43.606925986	4.3606925986e+1
315.72	43.608307219	4.3608307219e+1
315.73	43.609688453	4.3609688453e+1
315.74	43.611069686	4.3611069686e+1
315.75	43.61245092	4.361245092e+1
315.76	43.613832154	4.3613832154e+1
315.77	43.615213387	4.3615213387e+1
315.78	43.616594621	4.3616594621e+1
315.79	43.617975854	4.3617975854e+1
315.8	43.619357088	4.3619357088e+1
315.81	43.620738322	4.3620738322e+1
315.82	43.622119555	4.3622119555e+1
315.83	43.623500789	4.3623500789e+1
315.84	43.624882022	4.3624882022e+1
315.85	43.626263256	4.3626263256e+1
315.86	43.62764449	4.362764449e+1
315.87	43.629025723	4.3629025723e+1
315.88	43.630406957	4.3630406957e+1
315.89	43.63178819	4.363178819e+1
315.9	43.633169424	4.3633169424e+1
315.91	43.634550658	4.3634550658e+1
315.92	43.635931891	4.3635931891e+1

315.93	43.637313125	4.3637313125e+1
315.94	43.638694358	4.3638694358e+1
315.95	43.640075592	4.3640075592e+1
315.96	43.641456826	4.3641456826e+1
315.97	43.642838059	4.3642838059e+1
315.98	43.644219293	4.3644219293e+1
315.99	43.645600526	4.3645600526e+1
316	43.64698176	4.364698176e+1
316.01	43.648362994	4.3648362994e+1
316.02	43.649744227	4.3649744227e+1
316.03	43.651125461	4.3651125461e+1
316.04	43.652506694	4.3652506694e+1
316.05	43.653887928	4.3653887928e+1
316.06	43.655269162	4.3655269162e+1
316.07	43.656650395	4.3656650395e+1
316.08	43.658031629	4.3658031629e+1
316.09	43.659412862	4.3659412862e+1
316.1	43.660794096	4.3660794096e+1
316.11	43.66217533	4.366217533e+1
316.12	43.663556563	4.3663556563e+1
316.13	43.664937797	4.3664937797e+1
316.14	43.66631903	4.366631903e+1
316.15	43.667700264	4.3667700264e+1
316.16	43.669081498	4.3669081498e+1
316.17	43.670462731	4.3670462731e+1
316.18	43.671843965	4.3671843965e+1
316.19	43.673225198	4.3673225198e+1
316.2	43.674606432	4.3674606432e+1
316.21	43.675987666	4.3675987666e+1
316.22	43.677368899	4.3677368899e+1
316.23	43.678750133	4.3678750133e+1
316.24	43.680131366	4.3680131366e+1
316.25	43.6815126	4.36815126e+1
316.26	43.682893834	4.3682893834e+1
316.27	43.684275067	4.3684275067e+1
316.28	43.685656301	4.3685656301e+1
316.29	43.687037534	4.3687037534e+1
316.3	43.688418768	4.3688418768e+1

316.31	43.689800002	4.3689800002e+1
316.32	43.691181235	4.3691181235e+1
316.33	43.692562469	4.3692562469e+1
316.34	43.693943702	4.3693943702e+1
316.35	43.695324936	4.3695324936e+1
316.36	43.69670617	4.369670617e+1
316.37	43.698087403	4.3698087403e+1
316.38	43.699468637	4.3699468637e+1
316.39	43.70084987	4.370084987e+1
316.4	43.702231104	4.3702231104e+1
316.41	43.703612338	4.3703612338e+1
316.42	43.704993571	4.3704993571e+1
316.43	43.706374805	4.3706374805e+1
316.44	43.707756038	4.3707756038e+1
316.45	43.709137272	4.3709137272e+1
316.46	43.710518506	4.3710518506e+1
316.47	43.711899739	4.3711899739e+1
316.48	43.713280973	4.3713280973e+1
316.49	43.714662206	4.3714662206e+1
316.5	43.71604344	4.371604344e+1
316.51	43.717424674	4.3717424674e+1
316.52	43.718805907	4.3718805907e+1
316.53	43.720187141	4.3720187141e+1
316.54	43.721568374	4.3721568374e+1
316.55	43.722949608	4.3722949608e+1
316.56	43.724330842	4.3724330842e+1
316.57	43.725712075	4.3725712075e+1
316.58	43.727093309	4.3727093309e+1
316.59	43.728474542	4.3728474542e+1
316.6	43.729855776	4.3729855776e+1
316.61	43.73123701	4.373123701e+1
316.62	43.732618243	4.3732618243e+1
316.63	43.733999477	4.3733999477e+1
316.64	43.73538071	4.373538071e+1
316.65	43.736761944	4.3736761944e+1
316.66	43.738143178	4.3738143178e+1
316.67	43.739524411	4.3739524411e+1
316.68	43.740905645	4.3740905645e+1

316.69	43.742286878	4.3742286878e+1
316.7	43.743668112	4.3743668112e+1
316.71	43.745049346	4.3745049346e+1
316.72	43.746430579	4.3746430579e+1
316.73	43.747811813	4.3747811813e+1
316.74	43.749193046	4.3749193046e+1
316.75	43.75057428	4.375057428e+1
316.76	43.751955514	4.3751955514e+1
316.77	43.753336747	4.3753336747e+1
316.78	43.754717981	4.3754717981e+1
316.79	43.756099214	4.3756099214e+1
316.8	43.757480448	4.3757480448e+1
316.81	43.758861682	4.3758861682e+1
316.82	43.760242915	4.3760242915e+1
316.83	43.761624149	4.3761624149e+1
316.84	43.763005382	4.3763005382e+1
316.85	43.764386616	4.3764386616e+1
316.86	43.76576785	4.376576785e+1
316.87	43.767149083	4.3767149083e+1
316.88	43.768530317	4.3768530317e+1
316.89	43.76991155	4.376991155e+1
316.9	43.771292784	4.3771292784e+1
316.91	43.772674018	4.3772674018e+1
316.92	43.774055251	4.3774055251e+1
316.93	43.775436485	4.3775436485e+1
316.94	43.776817718	4.3776817718e+1
316.95	43.778198952	4.3778198952e+1
316.96	43.779580186	4.3779580186e+1
316.97	43.780961419	4.3780961419e+1
316.98	43.782342653	4.3782342653e+1
316.99	43.783723886	4.3783723886e+1
317	43.78510512	4.378510512e+1
317.01	43.786486354	4.3786486354e+1
317.02	43.787867587	4.3787867587e+1
317.03	43.789248821	4.3789248821e+1
317.04	43.790630054	4.3790630054e+1
317.05	43.792011288	4.3792011288e+1
317.06	43.793392522	4.3793392522e+1

317.07	43.794773755	4.3794773755e+1
317.08	43.796154989	4.3796154989e+1
317.09	43.797536222	4.3797536222e+1
317.1	43.798917456	4.3798917456e+1
317.11	43.80029869	4.380029869e+1
317.12	43.801679923	4.3801679923e+1
317.13	43.803061157	4.3803061157e+1
317.14	43.80444239	4.380444239e+1
317.15	43.805823624	4.3805823624e+1
317.16	43.807204858	4.3807204858e+1
317.17	43.808586091	4.3808586091e+1
317.18	43.809967325	4.3809967325e+1
317.19	43.811348558	4.3811348558e+1
317.2	43.812729792	4.3812729792e+1
317.21	43.814111026	4.3814111026e+1
317.22	43.815492259	4.3815492259e+1
317.23	43.816873493	4.3816873493e+1
317.24	43.818254726	4.3818254726e+1
317.25	43.81963596	4.381963596e+1
317.26	43.821017194	4.3821017194e+1
317.27	43.822398427	4.3822398427e+1
317.28	43.823779661	4.3823779661e+1
317.29	43.825160894	4.3825160894e+1
317.3	43.826542128	4.3826542128e+1
317.31	43.827923362	4.3827923362e+1
317.32	43.829304595	4.3829304595e+1
317.33	43.830685829	4.3830685829e+1
317.34	43.832067062	4.3832067062e+1
317.35	43.833448296	4.3833448296e+1
317.36	43.83482953	4.383482953e+1
317.37	43.836210763	4.3836210763e+1
317.38	43.837591997	4.3837591997e+1
317.39	43.83897323	4.383897323e+1
317.4	43.840354464	4.3840354464e+1
317.41	43.841735698	4.3841735698e+1
317.42	43.843116931	4.3843116931e+1
317.43	43.844498165	4.3844498165e+1
317.44	43.845879398	4.3845879398e+1

317.45	43.847260632	4.3847260632e+1
317.46	43.848641866	4.3848641866e+1
317.47	43.850023099	4.3850023099e+1
317.48	43.851404333	4.3851404333e+1
317.49	43.852785566	4.3852785566e+1
317.5	43.8541668	4.38541668e+1
317.51	43.855548034	4.3855548034e+1
317.52	43.856929267	4.3856929267e+1
317.53	43.858310501	4.3858310501e+1
317.54	43.859691734	4.3859691734e+1
317.55	43.861072968	4.3861072968e+1
317.56	43.862454202	4.3862454202e+1
317.57	43.863835435	4.3863835435e+1
317.58	43.865216669	4.3865216669e+1
317.59	43.866597902	4.3866597902e+1
317.6	43.867979136	4.3867979136e+1
317.61	43.86936037	4.386936037e+1
317.62	43.870741603	4.3870741603e+1
317.63	43.872122837	4.3872122837e+1
317.64	43.87350407	4.387350407e+1
317.65	43.874885304	4.3874885304e+1
317.66	43.876266538	4.3876266538e+1
317.67	43.877647771	4.3877647771e+1
317.68	43.879029005	4.3879029005e+1
317.69	43.880410238	4.3880410238e+1
317.7	43.881791472	4.3881791472e+1
317.71	43.883172706	4.3883172706e+1
317.72	43.884553939	4.3884553939e+1
317.73	43.885935173	4.3885935173e+1
317.74	43.887316406	4.3887316406e+1
317.75	43.88869764	4.388869764e+1
317.76	43.890078874	4.3890078874e+1
317.77	43.891460107	4.3891460107e+1
317.78	43.892841341	4.3892841341e+1
317.79	43.894222574	4.3894222574e+1
317.8	43.895603808	4.3895603808e+1
317.81	43.896985042	4.3896985042e+1
317.82	43.898366275	4.3898366275e+1

317.83	43.899747509	4.3899747509e+1
317.84	43.901128742	4.3901128742e+1
317.85	43.902509976	4.3902509976e+1
317.86	43.90389121	4.390389121e+1
317.87	43.905272443	4.3905272443e+1
317.88	43.906653677	4.3906653677e+1
317.89	43.90803491	4.390803491e+1
317.9	43.909416144	4.3909416144e+1
317.91	43.910797378	4.3910797378e+1
317.92	43.912178611	4.3912178611e+1
317.93	43.913559845	4.3913559845e+1
317.94	43.914941078	4.3914941078e+1
317.95	43.916322312	4.3916322312e+1
317.96	43.917703546	4.3917703546e+1
317.97	43.919084779	4.3919084779e+1
317.98	43.920466013	4.3920466013e+1
317.99	43.921847246	4.3921847246e+1
318	43.92322848	4.392322848e+1
318.01	43.924609714	4.3924609714e+1
318.02	43.925990947	4.3925990947e+1
318.03	43.927372181	4.3927372181e+1
318.04	43.928753414	4.3928753414e+1
318.05	43.930134648	4.3930134648e+1
318.06	43.931515882	4.3931515882e+1
318.07	43.932897115	4.3932897115e+1
318.08	43.934278349	4.3934278349e+1
318.09	43.935659582	4.3935659582e+1
318.1	43.937040816	4.3937040816e+1
318.11	43.93842205	4.393842205e+1
318.12	43.939803283	4.3939803283e+1
318.13	43.941184517	4.3941184517e+1
318.14	43.94256575	4.394256575e+1
318.15	43.943946984	4.3943946984e+1
318.16	43.945328218	4.3945328218e+1
318.17	43.946709451	4.3946709451e+1
318.18	43.948090685	4.3948090685e+1
318.19	43.949471918	4.3949471918e+1
318.2	43.950853152	4.3950853152e+1

318.21	43.952234386	4.3952234386e+1
318.22	43.953615619	4.3953615619e+1
318.23	43.954996853	4.3954996853e+1
318.24	43.956378086	4.3956378086e+1
318.25	43.95775932	4.395775932e+1
318.26	43.959140554	4.3959140554e+1
318.27	43.960521787	4.3960521787e+1
318.28	43.961903021	4.3961903021e+1
318.29	43.963284254	4.3963284254e+1
318.3	43.964665488	4.3964665488e+1
318.31	43.966046722	4.3966046722e+1
318.32	43.967427955	4.3967427955e+1
318.33	43.968809189	4.3968809189e+1
318.34	43.970190422	4.3970190422e+1
318.35	43.971571656	4.3971571656e+1
318.36	43.97295289	4.397295289e+1
318.37	43.974334123	4.3974334123e+1
318.38	43.975715357	4.3975715357e+1
318.39	43.97709659	4.397709659e+1
318.4	43.978477824	4.3978477824e+1
318.41	43.979859058	4.3979859058e+1
318.42	43.981240291	4.3981240291e+1
318.43	43.982621525	4.3982621525e+1
318.44	43.984002758	4.3984002758e+1
318.45	43.985383992	4.3985383992e+1
318.46	43.986765226	4.3986765226e+1
318.47	43.988146459	4.3988146459e+1
318.48	43.989527693	4.3989527693e+1
318.49	43.990908926	4.3990908926e+1
318.5	43.99229016	4.399229016e+1
318.51	43.993671394	4.3993671394e+1
318.52	43.995052627	4.3995052627e+1
318.53	43.996433861	4.3996433861e+1
318.54	43.997815094	4.3997815094e+1
318.55	43.999196328	4.3999196328e+1
318.56	44.000577562	4.4000577562e+1
318.57	44.001958795	4.4001958795e+1
318.58	44.003340029	4.4003340029e+1

318.59	44.004721262	4.4004721262e+1
318.6	44.006102496	4.4006102496e+1
318.61	44.00748373	4.400748373e+1
318.62	44.008864963	4.4008864963e+1
318.63	44.010246197	4.4010246197e+1
318.64	44.01162743	4.401162743e+1
318.65	44.013008664	4.4013008664e+1
318.66	44.014389898	4.4014389898e+1
318.67	44.015771131	4.4015771131e+1
318.68	44.017152365	4.4017152365e+1
318.69	44.018533598	4.4018533598e+1
318.7	44.019914832	4.4019914832e+1
318.71	44.021296066	4.4021296066e+1
318.72	44.022677299	4.4022677299e+1
318.73	44.024058533	4.4024058533e+1
318.74	44.025439766	4.4025439766e+1
318.75	44.026821	4.4026821e+1
318.76	44.028202234	4.4028202234e+1
318.77	44.029583467	4.4029583467e+1
318.78	44.030964701	4.4030964701e+1
318.79	44.032345934	4.4032345934e+1
318.8	44.033727168	4.4033727168e+1
318.81	44.035108402	4.4035108402e+1
318.82	44.036489635	4.4036489635e+1
318.83	44.037870869	4.4037870869e+1
318.84	44.039252102	4.4039252102e+1
318.85	44.040633336	4.4040633336e+1
318.86	44.04201457	4.404201457e+1
318.87	44.043395803	4.4043395803e+1
318.88	44.044777037	4.4044777037e+1
318.89	44.04615827	4.404615827e+1
318.9	44.047539504	4.4047539504e+1
318.91	44.048920738	4.4048920738e+1
318.92	44.050301971	4.4050301971e+1
318.93	44.051683205	4.4051683205e+1
318.94	44.053064438	4.4053064438e+1
318.95	44.054445672	4.4054445672e+1
318.96	44.055826906	4.4055826906e+1

318.97	44.057208139	4.4057208139e+1
318.98	44.058589373	4.4058589373e+1
318.99	44.059970606	4.4059970606e+1
319	44.06135184	4.406135184e+1
319.01	44.062733074	4.4062733074e+1
319.02	44.064114307	4.4064114307e+1
319.03	44.065495541	4.4065495541e+1
319.04	44.066876774	4.4066876774e+1
319.05	44.068258008	4.4068258008e+1
319.06	44.069639242	4.4069639242e+1
319.07	44.071020475	4.4071020475e+1
319.08	44.072401709	4.4072401709e+1
319.09	44.073782942	4.4073782942e+1
319.1	44.075164176	4.4075164176e+1
319.11	44.07654541	4.407654541e+1
319.12	44.077926643	4.4077926643e+1
319.13	44.079307877	4.4079307877e+1
319.14	44.08068911	4.408068911e+1
319.15	44.082070344	4.4082070344e+1
319.16	44.083451578	4.4083451578e+1
319.17	44.084832811	4.4084832811e+1
319.18	44.086214045	4.4086214045e+1
319.19	44.087595278	4.4087595278e+1
319.2	44.088976512	4.4088976512e+1
319.21	44.090357746	4.4090357746e+1
319.22	44.091738979	4.4091738979e+1
319.23	44.093120213	4.4093120213e+1
319.24	44.094501446	4.4094501446e+1
319.25	44.09588268	4.409588268e+1
319.26	44.097263914	4.4097263914e+1
319.27	44.098645147	4.4098645147e+1
319.28	44.100026381	4.4100026381e+1
319.29	44.101407614	4.4101407614e+1
319.3	44.102788848	4.4102788848e+1
319.31	44.104170082	4.4104170082e+1
319.32	44.105551315	4.4105551315e+1
319.33	44.106932549	4.4106932549e+1
319.34	44.108313782	4.4108313782e+1

319.35	44.109695016	4.4109695016e+1
319.36	44.11107625	4.411107625e+1
319.37	44.112457483	4.4112457483e+1
319.38	44.113838717	4.4113838717e+1
319.39	44.11521995	4.411521995e+1
319.4	44.116601184	4.4116601184e+1
319.41	44.117982418	4.4117982418e+1
319.42	44.119363651	4.4119363651e+1
319.43	44.120744885	4.4120744885e+1
319.44	44.122126118	4.4122126118e+1
319.45	44.123507352	4.4123507352e+1
319.46	44.124888586	4.4124888586e+1
319.47	44.126269819	4.4126269819e+1
319.48	44.127651053	4.4127651053e+1
319.49	44.129032286	4.4129032286e+1
319.5	44.13041352	4.413041352e+1
319.51	44.131794754	4.4131794754e+1
319.52	44.133175987	4.4133175987e+1
319.53	44.134557221	4.4134557221e+1
319.54	44.135938454	4.4135938454e+1
319.55	44.137319688	4.4137319688e+1
319.56	44.138700922	4.4138700922e+1
319.57	44.140082155	4.4140082155e+1
319.58	44.141463389	4.4141463389e+1
319.59	44.142844622	4.4142844622e+1
319.6	44.144225856	4.4144225856e+1
319.61	44.14560709	4.414560709e+1
319.62	44.146988323	4.4146988323e+1
319.63	44.148369557	4.4148369557e+1
319.64	44.14975079	4.414975079e+1
319.65	44.151132024	4.4151132024e+1
319.66	44.152513258	4.4152513258e+1
319.67	44.153894491	4.4153894491e+1
319.68	44.155275725	4.4155275725e+1
319.69	44.156656958	4.4156656958e+1
319.7	44.158038192	4.4158038192e+1
319.71	44.159419426	4.4159419426e+1
319.72	44.160800659	4.4160800659e+1

319.73	44.162181893	4.4162181893e+1
319.74	44.163563126	4.4163563126e+1
319.75	44.16494436	4.416494436e+1
319.76	44.166325594	4.4166325594e+1
319.77	44.167706827	4.4167706827e+1
319.78	44.169088061	4.4169088061e+1
319.79	44.170469294	4.4170469294e+1
319.8	44.171850528	4.4171850528e+1
319.81	44.173231762	4.4173231762e+1
319.82	44.174612995	4.4174612995e+1
319.83	44.175994229	4.4175994229e+1
319.84	44.177375462	4.4177375462e+1
319.85	44.178756696	4.4178756696e+1
319.86	44.18013793	4.418013793e+1
319.87	44.181519163	4.4181519163e+1
319.88	44.182900397	4.4182900397e+1
319.89	44.18428163	4.418428163e+1
319.9	44.185662864	4.4185662864e+1
319.91	44.187044098	4.4187044098e+1
319.92	44.188425331	4.4188425331e+1
319.93	44.189806565	4.4189806565e+1
319.94	44.191187798	4.4191187798e+1
319.95	44.192569032	4.4192569032e+1
319.96	44.193950266	4.4193950266e+1
319.97	44.195331499	4.4195331499e+1
319.98	44.196712733	4.4196712733e+1
319.99	44.198093966	4.4198093966e+1
320	44.1994752	4.41994752e+1
320.01	44.200856434	4.4200856434e+1
320.02	44.202237667	4.4202237667e+1
320.03	44.203618901	4.4203618901e+1
320.04	44.205000134	4.4205000134e+1
320.05	44.206381368	4.4206381368e+1
320.06	44.207762602	4.4207762602e+1
320.07	44.209143835	4.4209143835e+1
320.08	44.210525069	4.4210525069e+1
320.09	44.211906302	4.4211906302e+1
320.1	44.213287536	4.4213287536e+1

320.11	44.21466877	4.421466877e+1
320.12	44.216050003	4.4216050003e+1
320.13	44.217431237	4.4217431237e+1
320.14	44.21881247	4.421881247e+1
320.15	44.220193704	4.4220193704e+1
320.16	44.221574938	4.4221574938e+1
320.17	44.222956171	4.4222956171e+1
320.18	44.224337405	4.4224337405e+1
320.19	44.225718638	4.4225718638e+1
320.2	44.227099872	4.4227099872e+1
320.21	44.228481106	4.4228481106e+1
320.22	44.229862339	4.4229862339e+1
320.23	44.231243573	4.4231243573e+1
320.24	44.232624806	4.4232624806e+1
320.25	44.23400604	4.423400604e+1
320.26	44.235387274	4.4235387274e+1
320.27	44.236768507	4.4236768507e+1
320.28	44.238149741	4.4238149741e+1
320.29	44.239530974	4.4239530974e+1
320.3	44.240912208	4.4240912208e+1
320.31	44.242293442	4.4242293442e+1
320.32	44.243674675	4.4243674675e+1
320.33	44.245055909	4.4245055909e+1
320.34	44.246437142	4.4246437142e+1
320.35	44.247818376	4.4247818376e+1
320.36	44.24919961	4.424919961e+1
320.37	44.250580843	4.4250580843e+1
320.38	44.251962077	4.4251962077e+1
320.39	44.25334331	4.425334331e+1
320.4	44.254724544	4.4254724544e+1
320.41	44.256105778	4.4256105778e+1
320.42	44.257487011	4.4257487011e+1
320.43	44.258868245	4.4258868245e+1
320.44	44.260249478	4.4260249478e+1
320.45	44.261630712	4.4261630712e+1
320.46	44.263011946	4.4263011946e+1
320.47	44.264393179	4.4264393179e+1
320.48	44.265774413	4.4265774413e+1

320.49	44.267155646	4.4267155646e+1
320.5	44.26853688	4.426853688e+1
320.51	44.269918114	4.4269918114e+1
320.52	44.271299347	4.4271299347e+1
320.53	44.272680581	4.4272680581e+1
320.54	44.274061814	4.4274061814e+1
320.55	44.275443048	4.4275443048e+1
320.56	44.276824282	4.4276824282e+1
320.57	44.278205515	4.4278205515e+1
320.58	44.279586749	4.4279586749e+1
320.59	44.280967982	4.4280967982e+1
320.6	44.282349216	4.4282349216e+1
320.61	44.28373045	4.428373045e+1
320.62	44.285111683	4.4285111683e+1
320.63	44.286492917	4.4286492917e+1
320.64	44.28787415	4.428787415e+1
320.65	44.289255384	4.4289255384e+1
320.66	44.290636618	4.4290636618e+1
320.67	44.292017851	4.4292017851e+1
320.68	44.293399085	4.4293399085e+1
320.69	44.294780318	4.4294780318e+1
320.7	44.296161552	4.4296161552e+1
320.71	44.297542786	4.4297542786e+1
320.72	44.298924019	4.4298924019e+1
320.73	44.300305253	4.4300305253e+1
320.74	44.301686486	4.4301686486e+1
320.75	44.30306772	4.430306772e+1
320.76	44.304448954	4.4304448954e+1
320.77	44.305830187	4.4305830187e+1
320.78	44.307211421	4.4307211421e+1
320.79	44.308592654	4.4308592654e+1
320.8	44.309973888	4.4309973888e+1
320.81	44.311355122	4.4311355122e+1
320.82	44.312736355	4.4312736355e+1
320.83	44.314117589	4.4314117589e+1
320.84	44.315498822	4.4315498822e+1
320.85	44.316880056	4.4316880056e+1
320.86	44.31826129	4.431826129e+1

320.87	44.319642523	4.4319642523e+1
320.88	44.321023757	4.4321023757e+1
320.89	44.32240499	4.432240499e+1
320.9	44.323786224	4.4323786224e+1
320.91	44.325167458	4.4325167458e+1
320.92	44.326548691	4.4326548691e+1
320.93	44.327929925	4.4327929925e+1
320.94	44.329311158	4.4329311158e+1
320.95	44.330692392	4.4330692392e+1
320.96	44.332073626	4.4332073626e+1
320.97	44.333454859	4.4333454859e+1
320.98	44.334836093	4.4334836093e+1
320.99	44.336217326	4.4336217326e+1
321	44.33759856	4.433759856e+1
321.01	44.338979794	4.4338979794e+1
321.02	44.340361027	4.4340361027e+1
321.03	44.341742261	4.4341742261e+1
321.04	44.343123494	4.4343123494e+1
321.05	44.344504728	4.4344504728e+1
321.06	44.345885962	4.4345885962e+1
321.07	44.347267195	4.4347267195e+1
321.08	44.348648429	4.4348648429e+1
321.09	44.350029662	4.4350029662e+1
321.1	44.351410896	4.4351410896e+1
321.11	44.35279213	4.435279213e+1
321.12	44.354173363	4.4354173363e+1
321.13	44.355554597	4.4355554597e+1
321.14	44.35693583	4.435693583e+1
321.15	44.358317064	4.4358317064e+1
321.16	44.359698298	4.4359698298e+1
321.17	44.361079531	4.4361079531e+1
321.18	44.362460765	4.4362460765e+1
321.19	44.363841998	4.4363841998e+1
321.2	44.365223232	4.4365223232e+1
321.21	44.366604466	4.4366604466e+1
321.22	44.367985699	4.4367985699e+1
321.23	44.369366933	4.4369366933e+1
321.24	44.370748166	4.4370748166e+1

321.25	44.3721294	4.43721294e+1
321.26	44.373510634	4.4373510634e+1
321.27	44.374891867	4.4374891867e+1
321.28	44.376273101	4.4376273101e+1
321.29	44.377654334	4.4377654334e+1
321.3	44.379035568	4.4379035568e+1
321.31	44.380416802	4.4380416802e+1
321.32	44.381798035	4.4381798035e+1
321.33	44.383179269	4.4383179269e+1
321.34	44.384560502	4.4384560502e+1
321.35	44.385941736	4.4385941736e+1
321.36	44.38732297	4.438732297e+1
321.37	44.388704203	4.4388704203e+1
321.38	44.390085437	4.4390085437e+1
321.39	44.39146667	4.439146667e+1
321.4	44.392847904	4.4392847904e+1
321.41	44.394229138	4.4394229138e+1
321.42	44.395610371	4.4395610371e+1
321.43	44.396991605	4.4396991605e+1
321.44	44.398372838	4.4398372838e+1
321.45	44.399754072	4.4399754072e+1
321.46	44.401135306	4.4401135306e+1
321.47	44.402516539	4.4402516539e+1
321.48	44.403897773	4.4403897773e+1
321.49	44.405279006	4.4405279006e+1
321.5	44.40666024	4.440666024e+1
321.51	44.408041474	4.4408041474e+1
321.52	44.409422707	4.4409422707e+1
321.53	44.410803941	4.4410803941e+1
321.54	44.412185174	4.4412185174e+1
321.55	44.413566408	4.4413566408e+1
321.56	44.414947642	4.4414947642e+1
321.57	44.416328875	4.4416328875e+1
321.58	44.417710109	4.4417710109e+1
321.59	44.419091342	4.4419091342e+1
321.6	44.420472576	4.4420472576e+1
321.61	44.42185381	4.442185381e+1
321.62	44.423235043	4.4423235043e+1

321.63	44.424616277	4.4424616277e+1
321.64	44.42599751	4.442599751e+1
321.65	44.427378744	4.4427378744e+1
321.66	44.428759978	4.4428759978e+1
321.67	44.430141211	4.4430141211e+1
321.68	44.431522445	4.4431522445e+1
321.69	44.432903678	4.4432903678e+1
321.7	44.434284912	4.4434284912e+1
321.71	44.435666146	4.4435666146e+1
321.72	44.437047379	4.4437047379e+1
321.73	44.438428613	4.4438428613e+1
321.74	44.439809846	4.4439809846e+1
321.75	44.44119108	4.444119108e+1
321.76	44.442572314	4.4442572314e+1
321.77	44.443953547	4.4443953547e+1
321.78	44.445334781	4.4445334781e+1
321.79	44.446716014	4.4446716014e+1
321.8	44.448097248	4.4448097248e+1
321.81	44.449478482	4.4449478482e+1
321.82	44.450859715	4.4450859715e+1
321.83	44.452240949	4.4452240949e+1
321.84	44.453622182	4.4453622182e+1
321.85	44.455003416	4.4455003416e+1
321.86	44.45638465	4.445638465e+1
321.87	44.457765883	4.4457765883e+1
321.88	44.459147117	4.4459147117e+1
321.89	44.46052835	4.446052835e+1
321.9	44.461909584	4.4461909584e+1
321.91	44.463290818	4.4463290818e+1
321.92	44.464672051	4.4464672051e+1
321.93	44.466053285	4.4466053285e+1
321.94	44.467434518	4.4467434518e+1
321.95	44.468815752	4.4468815752e+1
321.96	44.470196986	4.4470196986e+1
321.97	44.471578219	4.4471578219e+1
321.98	44.472959453	4.4472959453e+1
321.99	44.474340686	4.4474340686e+1
322	44.47572192	4.447572192e+1

322.01	44.477103154	4.4477103154e+1
322.02	44.478484387	4.4478484387e+1
322.03	44.479865621	4.4479865621e+1
322.04	44.481246854	4.4481246854e+1
322.05	44.482628088	4.4482628088e+1
322.06	44.484009322	4.4484009322e+1
322.07	44.485390555	4.4485390555e+1
322.08	44.486771789	4.4486771789e+1
322.09	44.488153022	4.4488153022e+1
322.1	44.489534256	4.4489534256e+1
322.11	44.49091549	4.449091549e+1
322.12	44.492296723	4.4492296723e+1
322.13	44.493677957	4.4493677957e+1
322.14	44.49505919	4.449505919e+1
322.15	44.496440424	4.44964440424e+1
322.16	44.497821658	4.4497821658e+1
322.17	44.499202891	4.4499202891e+1
322.18	44.500584125	4.4500584125e+1
322.19	44.501965358	4.4501965358e+1
322.2	44.503346592	4.4503346592e+1
322.21	44.504727826	4.4504727826e+1
322.22	44.506109059	4.4506109059e+1
322.23	44.507490293	4.4507490293e+1
322.24	44.508871526	4.4508871526e+1
322.25	44.51025276	4.451025276e+1
322.26	44.511633994	4.4511633994e+1
322.27	44.513015227	4.4513015227e+1
322.28	44.514396461	4.4514396461e+1
322.29	44.515777694	4.4515777694e+1
322.3	44.517158928	4.4517158928e+1
322.31	44.518540162	4.4518540162e+1
322.32	44.519921395	4.4519921395e+1
322.33	44.521302629	4.4521302629e+1
322.34	44.522683862	4.4522683862e+1
322.35	44.524065096	4.4524065096e+1
322.36	44.52544633	4.452544633e+1
322.37	44.526827563	4.4526827563e+1
322.38	44.528208797	4.4528208797e+1

322.39	44.52959003	4.452959003e+1
322.4	44.530971264	4.4530971264e+1
322.41	44.532352498	4.4532352498e+1
322.42	44.533733731	4.4533733731e+1
322.43	44.535114965	4.4535114965e+1
322.44	44.536496198	4.4536496198e+1
322.45	44.537877432	4.4537877432e+1
322.46	44.539258666	4.4539258666e+1
322.47	44.540639899	4.4540639899e+1
322.48	44.542021133	4.4542021133e+1
322.49	44.543402366	4.4543402366e+1
322.5	44.5447836	4.45447836e+1
322.51	44.546164834	4.4546164834e+1
322.52	44.547546067	4.4547546067e+1
322.53	44.548927301	4.4548927301e+1
322.54	44.550308534	4.4550308534e+1
322.55	44.551689768	4.4551689768e+1
322.56	44.553071002	4.4553071002e+1
322.57	44.554452235	4.4554452235e+1
322.58	44.555833469	4.4555833469e+1
322.59	44.557214702	4.4557214702e+1
322.6	44.558595936	4.4558595936e+1
322.61	44.55997717	4.455997717e+1
322.62	44.561358403	4.4561358403e+1
322.63	44.562739637	4.4562739637e+1
322.64	44.56412087	4.456412087e+1
322.65	44.565502104	4.4565502104e+1
322.66	44.566883338	4.4566883338e+1
322.67	44.568264571	4.4568264571e+1
322.68	44.569645805	4.4569645805e+1
322.69	44.571027038	4.4571027038e+1
322.7	44.572408272	4.4572408272e+1
322.71	44.573789506	4.4573789506e+1
322.72	44.575170739	4.4575170739e+1
322.73	44.576551973	4.4576551973e+1
322.74	44.577933206	4.4577933206e+1
322.75	44.57931444	4.457931444e+1
322.76	44.580695674	4.4580695674e+1

322.77	44.582076907	4.4582076907e+1
322.78	44.583458141	4.4583458141e+1
322.79	44.584839374	4.4584839374e+1
322.8	44.586220608	4.4586220608e+1
322.81	44.587601842	4.4587601842e+1
322.82	44.588983075	4.4588983075e+1
322.83	44.590364309	4.4590364309e+1
322.84	44.591745542	4.4591745542e+1
322.85	44.593126776	4.4593126776e+1
322.86	44.59450801	4.459450801e+1
322.87	44.595889243	4.4595889243e+1
322.88	44.597270477	4.4597270477e+1
322.89	44.59865171	4.459865171e+1
322.9	44.600032944	4.4600032944e+1
322.91	44.601414178	4.4601414178e+1
322.92	44.602795411	4.4602795411e+1
322.93	44.604176645	4.4604176645e+1
322.94	44.605557878	4.4605557878e+1
322.95	44.606939112	4.4606939112e+1
322.96	44.608320346	4.4608320346e+1
322.97	44.609701579	4.4609701579e+1
322.98	44.611082813	4.4611082813e+1
322.99	44.612464046	4.4612464046e+1
323	44.61384528	4.461384528e+1
323.01	44.615226514	4.4615226514e+1
323.02	44.616607747	4.4616607747e+1
323.03	44.617988981	4.4617988981e+1
323.04	44.619370214	4.4619370214e+1
323.05	44.620751448	4.4620751448e+1
323.06	44.622132682	4.4622132682e+1
323.07	44.623513915	4.4623513915e+1
323.08	44.624895149	4.4624895149e+1
323.09	44.626276382	4.4626276382e+1
323.1	44.627657616	4.4627657616e+1
323.11	44.62903885	4.462903885e+1
323.12	44.630420083	4.4630420083e+1
323.13	44.631801317	4.4631801317e+1
323.14	44.63318255	4.463318255e+1

323.15	44.634563784	4.4634563784e+1
323.16	44.635945018	4.4635945018e+1
323.17	44.637326251	4.4637326251e+1
323.18	44.638707485	4.4638707485e+1
323.19	44.640088718	4.4640088718e+1
323.2	44.641469952	4.4641469952e+1
323.21	44.642851186	4.4642851186e+1
323.22	44.644232419	4.4644232419e+1
323.23	44.645613653	4.4645613653e+1
323.24	44.646994886	4.4646994886e+1
323.25	44.64837612	4.464837612e+1
323.26	44.649757354	4.4649757354e+1
323.27	44.651138587	4.4651138587e+1
323.28	44.652519821	4.4652519821e+1
323.29	44.653901054	4.4653901054e+1
323.3	44.655282288	4.4655282288e+1
323.31	44.656663522	4.4656663522e+1
323.32	44.658044755	4.4658044755e+1
323.33	44.659425989	4.4659425989e+1
323.34	44.660807222	4.4660807222e+1
323.35	44.662188456	4.4662188456e+1
323.36	44.66356969	4.466356969e+1
323.37	44.664950923	4.4664950923e+1
323.38	44.666332157	4.4666332157e+1
323.39	44.66771339	4.466771339e+1
323.4	44.669094624	4.4669094624e+1
323.41	44.670475858	4.4670475858e+1
323.42	44.671857091	4.4671857091e+1
323.43	44.673238325	4.4673238325e+1
323.44	44.674619558	4.4674619558e+1
323.45	44.676000792	4.4676000792e+1
323.46	44.677382026	4.4677382026e+1
323.47	44.678763259	4.4678763259e+1
323.48	44.680144493	4.4680144493e+1
323.49	44.681525726	4.4681525726e+1
323.5	44.68290696	4.468290696e+1
323.51	44.684288194	4.4684288194e+1
323.52	44.685669427	4.4685669427e+1

323.53	44.687050661	4.4687050661e+1
323.54	44.688431894	4.4688431894e+1
323.55	44.689813128	4.4689813128e+1
323.56	44.691194362	4.4691194362e+1
323.57	44.692575595	4.4692575595e+1
323.58	44.693956829	4.4693956829e+1
323.59	44.695338062	4.4695338062e+1
323.6	44.696719296	4.4696719296e+1
323.61	44.69810053	4.469810053e+1
323.62	44.699481763	4.4699481763e+1
323.63	44.700862997	4.4700862997e+1
323.64	44.70224423	4.470224423e+1
323.65	44.703625464	4.4703625464e+1
323.66	44.705006698	4.4705006698e+1
323.67	44.706387931	4.4706387931e+1
323.68	44.707769165	4.4707769165e+1
323.69	44.709150398	4.4709150398e+1
323.7	44.710531632	4.4710531632e+1
323.71	44.711912866	4.4711912866e+1
323.72	44.713294099	4.4713294099e+1
323.73	44.714675333	4.4714675333e+1
323.74	44.716056566	4.4716056566e+1
323.75	44.7174378	4.47174378e+1
323.76	44.718819034	4.4718819034e+1
323.77	44.720200267	4.4720200267e+1
323.78	44.721581501	4.4721581501e+1
323.79	44.722962734	4.4722962734e+1
323.8	44.724343968	4.4724343968e+1
323.81	44.725725202	4.4725725202e+1
323.82	44.727106435	4.4727106435e+1
323.83	44.728487669	4.4728487669e+1
323.84	44.729868902	4.4729868902e+1
323.85	44.731250136	4.4731250136e+1
323.86	44.73263137	4.473263137e+1
323.87	44.734012603	4.4734012603e+1
323.88	44.735393837	4.4735393837e+1
323.89	44.73677507	4.473677507e+1
323.9	44.738156304	4.4738156304e+1

323.91	44.739537538	4.4739537538e+1
323.92	44.740918771	4.4740918771e+1
323.93	44.742300005	4.4742300005e+1
323.94	44.743681238	4.4743681238e+1
323.95	44.745062472	4.4745062472e+1
323.96	44.746443706	4.4746443706e+1
323.97	44.747824939	4.4747824939e+1
323.98	44.749206173	4.4749206173e+1
323.99	44.750587406	4.4750587406e+1
324	44.75196864	4.475196864e+1
324.01	44.753349874	4.4753349874e+1
324.02	44.754731107	4.4754731107e+1
324.03	44.756112341	4.4756112341e+1
324.04	44.757493574	4.4757493574e+1
324.05	44.758874808	4.4758874808e+1
324.06	44.760256042	4.4760256042e+1
324.07	44.761637275	4.4761637275e+1
324.08	44.763018509	4.4763018509e+1
324.09	44.764399742	4.4764399742e+1
324.1	44.765780976	4.4765780976e+1
324.11	44.76716221	4.476716221e+1
324.12	44.768543443	4.4768543443e+1
324.13	44.769924677	4.4769924677e+1
324.14	44.77130591	4.477130591e+1
324.15	44.772687144	4.4772687144e+1
324.16	44.774068378	4.4774068378e+1
324.17	44.775449611	4.4775449611e+1
324.18	44.776830845	4.4776830845e+1
324.19	44.778212078	4.4778212078e+1
324.2	44.779593312	4.4779593312e+1
324.21	44.780974546	4.4780974546e+1
324.22	44.782355779	4.4782355779e+1
324.23	44.783737013	4.4783737013e+1
324.24	44.785118246	4.4785118246e+1
324.25	44.78649948	4.478649948e+1
324.26	44.787880714	4.4787880714e+1
324.27	44.789261947	4.4789261947e+1
324.28	44.790643181	4.4790643181e+1

324.29	44.792024414	4.4792024414e+1
324.3	44.793405648	4.4793405648e+1
324.31	44.794786882	4.4794786882e+1
324.32	44.796168115	4.4796168115e+1
324.33	44.797549349	4.4797549349e+1
324.34	44.798930582	4.4798930582e+1
324.35	44.800311816	4.4800311816e+1
324.36	44.80169305	4.480169305e+1
324.37	44.803074283	4.4803074283e+1
324.38	44.804455517	4.4804455517e+1
324.39	44.80583675	4.480583675e+1
324.4	44.807217984	4.4807217984e+1
324.41	44.808599218	4.4808599218e+1
324.42	44.809980451	4.4809980451e+1
324.43	44.811361685	4.4811361685e+1
324.44	44.812742918	4.4812742918e+1
324.45	44.814124152	4.4814124152e+1
324.46	44.815505386	4.4815505386e+1
324.47	44.816886619	4.4816886619e+1
324.48	44.818267853	4.4818267853e+1
324.49	44.819649086	4.4819649086e+1
324.5	44.82103032	4.482103032e+1
324.51	44.822411554	4.4822411554e+1
324.52	44.823792787	4.4823792787e+1
324.53	44.825174021	4.4825174021e+1
324.54	44.826555254	4.4826555254e+1
324.55	44.827936488	4.4827936488e+1
324.56	44.829317722	4.4829317722e+1
324.57	44.830698955	4.4830698955e+1
324.58	44.832080189	4.4832080189e+1
324.59	44.833461422	4.4833461422e+1
324.6	44.834842656	4.4834842656e+1
324.61	44.83622389	4.483622389e+1
324.62	44.837605123	4.4837605123e+1
324.63	44.838986357	4.4838986357e+1
324.64	44.84036759	4.484036759e+1
324.65	44.841748824	4.4841748824e+1
324.66	44.843130058	4.4843130058e+1

324.67	44.844511291	4.4844511291e+1
324.68	44.845892525	4.4845892525e+1
324.69	44.847273758	4.4847273758e+1
324.7	44.848654992	4.4848654992e+1
324.71	44.850036226	4.4850036226e+1
324.72	44.851417459	4.4851417459e+1
324.73	44.852798693	4.4852798693e+1
324.74	44.854179926	4.4854179926e+1
324.75	44.85556116	4.485556116e+1
324.76	44.856942394	4.4856942394e+1
324.77	44.858323627	4.4858323627e+1
324.78	44.859704861	4.4859704861e+1
324.79	44.861086094	4.4861086094e+1
324.8	44.862467328	4.4862467328e+1
324.81	44.863848562	4.4863848562e+1
324.82	44.865229795	4.4865229795e+1
324.83	44.866611029	4.4866611029e+1
324.84	44.867992262	4.4867992262e+1
324.85	44.869373496	4.4869373496e+1
324.86	44.87075473	4.487075473e+1
324.87	44.872135963	4.4872135963e+1
324.88	44.873517197	4.4873517197e+1
324.89	44.87489843	4.487489843e+1
324.9	44.876279664	4.4876279664e+1
324.91	44.877660898	4.4877660898e+1
324.92	44.879042131	4.4879042131e+1
324.93	44.880423365	4.4880423365e+1
324.94	44.881804598	4.4881804598e+1
324.95	44.883185832	4.4883185832e+1
324.96	44.884567066	4.4884567066e+1
324.97	44.885948299	4.4885948299e+1
324.98	44.887329533	4.4887329533e+1
324.99	44.888710766	4.4888710766e+1
325	44.890092	4.4890092e+1
325.01	44.891473234	4.4891473234e+1
325.02	44.892854467	4.4892854467e+1
325.03	44.894235701	4.4894235701e+1
325.04	44.895616934	4.4895616934e+1

325.05	44.896998168	4.4896998168e+1
325.06	44.898379402	4.4898379402e+1
325.07	44.899760635	4.4899760635e+1
325.08	44.901141869	4.4901141869e+1
325.09	44.902523102	4.4902523102e+1
325.1	44.903904336	4.4903904336e+1
325.11	44.90528557	4.490528557e+1
325.12	44.906666803	4.4906666803e+1
325.13	44.908048037	4.4908048037e+1
325.14	44.90942927	4.490942927e+1
325.15	44.910810504	4.4910810504e+1
325.16	44.912191738	4.4912191738e+1
325.17	44.913572971	4.4913572971e+1
325.18	44.914954205	4.4914954205e+1
325.19	44.916335438	4.4916335438e+1
325.2	44.917716672	4.4917716672e+1
325.21	44.919097906	4.4919097906e+1
325.22	44.920479139	4.4920479139e+1
325.23	44.921860373	4.4921860373e+1
325.24	44.923241606	4.4923241606e+1
325.25	44.92462284	4.492462284e+1
325.26	44.926004074	4.4926004074e+1
325.27	44.927385307	4.4927385307e+1
325.28	44.928766541	4.4928766541e+1
325.29	44.930147774	4.4930147774e+1
325.3	44.931529008	4.4931529008e+1
325.31	44.932910242	4.4932910242e+1
325.32	44.934291475	4.4934291475e+1
325.33	44.935672709	4.4935672709e+1
325.34	44.937053942	4.4937053942e+1
325.35	44.938435176	4.4938435176e+1
325.36	44.93981641	4.493981641e+1
325.37	44.941197643	4.4941197643e+1
325.38	44.942578877	4.4942578877e+1
325.39	44.94396011	4.494396011e+1
325.4	44.945341344	4.4945341344e+1
325.41	44.946722578	4.4946722578e+1
325.42	44.948103811	4.4948103811e+1

325.43	44.949485045	4.4949485045e+1
325.44	44.950866278	4.4950866278e+1
325.45	44.952247512	4.4952247512e+1
325.46	44.953628746	4.4953628746e+1
325.47	44.955009979	4.4955009979e+1
325.48	44.956391213	4.4956391213e+1
325.49	44.957772446	4.4957772446e+1
325.5	44.95915368	4.495915368e+1
325.51	44.960534914	4.4960534914e+1
325.52	44.961916147	4.4961916147e+1
325.53	44.963297381	4.4963297381e+1
325.54	44.964678614	4.4964678614e+1
325.55	44.966059848	4.4966059848e+1
325.56	44.967441082	4.4967441082e+1
325.57	44.968822315	4.4968822315e+1
325.58	44.970203549	4.4970203549e+1
325.59	44.971584782	4.4971584782e+1
325.6	44.972966016	4.4972966016e+1
325.61	44.97434725	4.497434725e+1
325.62	44.975728483	4.4975728483e+1
325.63	44.977109717	4.4977109717e+1
325.64	44.97849095	4.497849095e+1
325.65	44.979872184	4.4979872184e+1
325.66	44.981253418	4.4981253418e+1
325.67	44.982634651	4.4982634651e+1
325.68	44.984015885	4.4984015885e+1
325.69	44.985397118	4.4985397118e+1
325.7	44.986778352	4.4986778352e+1
325.71	44.988159586	4.4988159586e+1
325.72	44.989540819	4.4989540819e+1
325.73	44.990922053	4.4990922053e+1
325.74	44.992303286	4.4992303286e+1
325.75	44.99368452	4.499368452e+1
325.76	44.995065754	4.4995065754e+1
325.77	44.996446987	4.4996446987e+1
325.78	44.997828221	4.4997828221e+1
325.79	44.999209454	4.4999209454e+1
325.8	45.000590688	4.5000590688e+1

325.81	45.001971922	4.5001971922e+1
325.82	45.003353155	4.5003353155e+1
325.83	45.004734389	4.5004734389e+1
325.84	45.006115622	4.5006115622e+1
325.85	45.007496856	4.5007496856e+1
325.86	45.00887809	4.500887809e+1
325.87	45.010259323	4.5010259323e+1
325.88	45.011640557	4.5011640557e+1
325.89	45.01302179	4.501302179e+1
325.9	45.014403024	4.5014403024e+1
325.91	45.015784258	4.5015784258e+1
325.92	45.017165491	4.5017165491e+1
325.93	45.018546725	4.5018546725e+1
325.94	45.019927958	4.5019927958e+1
325.95	45.021309192	4.5021309192e+1
325.96	45.022690426	4.5022690426e+1
325.97	45.024071659	4.5024071659e+1
325.98	45.025452893	4.5025452893e+1
325.99	45.026834126	4.5026834126e+1
326	45.02821536	4.502821536e+1
326.01	45.029596594	4.5029596594e+1
326.02	45.030977827	4.5030977827e+1
326.03	45.032359061	4.5032359061e+1
326.04	45.033740294	4.5033740294e+1
326.05	45.035121528	4.5035121528e+1
326.06	45.036502762	4.5036502762e+1
326.07	45.037883995	4.5037883995e+1
326.08	45.039265229	4.5039265229e+1
326.09	45.040646462	4.5040646462e+1
326.1	45.042027696	4.5042027696e+1
326.11	45.04340893	4.504340893e+1
326.12	45.044790163	4.5044790163e+1
326.13	45.046171397	4.5046171397e+1
326.14	45.04755263	4.504755263e+1
326.15	45.048933864	4.5048933864e+1
326.16	45.050315098	4.5050315098e+1
326.17	45.051696331	4.5051696331e+1
326.18	45.053077565	4.5053077565e+1

326.19	45.054458798	4.5054458798e+1
326.2	45.055840032	4.5055840032e+1
326.21	45.057221266	4.5057221266e+1
326.22	45.058602499	4.5058602499e+1
326.23	45.059983733	4.5059983733e+1
326.24	45.061364966	4.5061364966e+1
326.25	45.0627462	4.50627462e+1
326.26	45.064127434	4.5064127434e+1
326.27	45.065508667	4.5065508667e+1
326.28	45.066889901	4.5066889901e+1
326.29	45.068271134	4.5068271134e+1
326.3	45.069652368	4.5069652368e+1
326.31	45.071033602	4.5071033602e+1
326.32	45.072414835	4.5072414835e+1
326.33	45.073796069	4.5073796069e+1
326.34	45.075177302	4.5075177302e+1
326.35	45.076558536	4.5076558536e+1
326.36	45.07793977	4.507793977e+1
326.37	45.079321003	4.5079321003e+1
326.38	45.080702237	4.5080702237e+1
326.39	45.08208347	4.508208347e+1
326.4	45.083464704	4.5083464704e+1
326.41	45.084845938	4.5084845938e+1
326.42	45.086227171	4.5086227171e+1
326.43	45.087608405	4.5087608405e+1
326.44	45.088989638	4.5088989638e+1
326.45	45.090370872	4.5090370872e+1
326.46	45.091752106	4.5091752106e+1
326.47	45.093133339	4.5093133339e+1
326.48	45.094514573	4.5094514573e+1
326.49	45.095895806	4.5095895806e+1
326.5	45.09727704	4.509727704e+1
326.51	45.098658274	4.5098658274e+1
326.52	45.100039507	4.5100039507e+1
326.53	45.101420741	4.5101420741e+1
326.54	45.102801974	4.5102801974e+1
326.55	45.104183208	4.5104183208e+1
326.56	45.105564442	4.5105564442e+1

326.57	45.106945675	4.5106945675e+1
326.58	45.108326909	4.5108326909e+1
326.59	45.109708142	4.5109708142e+1
326.6	45.111089376	4.5111089376e+1
326.61	45.11247061	4.511247061e+1
326.62	45.113851843	4.5113851843e+1
326.63	45.115233077	4.5115233077e+1
326.64	45.11661431	4.511661431e+1
326.65	45.117995544	4.5117995544e+1
326.66	45.119376778	4.5119376778e+1
326.67	45.120758011	4.5120758011e+1
326.68	45.122139245	4.5122139245e+1
326.69	45.123520478	4.5123520478e+1
326.7	45.124901712	4.5124901712e+1
326.71	45.126282946	4.5126282946e+1
326.72	45.127664179	4.5127664179e+1
326.73	45.129045413	4.5129045413e+1
326.74	45.130426646	4.5130426646e+1
326.75	45.13180788	4.513180788e+1
326.76	45.133189114	4.5133189114e+1
326.77	45.134570347	4.5134570347e+1
326.78	45.135951581	4.5135951581e+1
326.79	45.137332814	4.5137332814e+1
326.8	45.138714048	4.5138714048e+1
326.81	45.140095282	4.5140095282e+1
326.82	45.141476515	4.5141476515e+1
326.83	45.142857749	4.5142857749e+1
326.84	45.144238982	4.5144238982e+1
326.85	45.145620216	4.5145620216e+1
326.86	45.14700145	4.514700145e+1
326.87	45.148382683	4.5148382683e+1
326.88	45.149763917	4.5149763917e+1
326.89	45.15114515	4.515114515e+1
326.9	45.152526384	4.5152526384e+1
326.91	45.153907618	4.5153907618e+1
326.92	45.155288851	4.5155288851e+1
326.93	45.156670085	4.5156670085e+1
326.94	45.158051318	4.5158051318e+1

326.95	45.159432552	4.5159432552e+1
326.96	45.160813786	4.5160813786e+1
326.97	45.162195019	4.5162195019e+1
326.98	45.163576253	4.5163576253e+1
326.99	45.164957486	4.5164957486e+1
327	45.16633872	4.516633872e+1
327.01	45.167719954	4.5167719954e+1
327.02	45.169101187	4.5169101187e+1
327.03	45.170482421	4.5170482421e+1
327.04	45.171863654	4.5171863654e+1
327.05	45.173244888	4.5173244888e+1
327.06	45.174626122	4.5174626122e+1
327.07	45.176007355	4.5176007355e+1
327.08	45.177388589	4.5177388589e+1
327.09	45.178769822	4.5178769822e+1
327.1	45.180151056	4.5180151056e+1
327.11	45.18153229	4.518153229e+1
327.12	45.182913523	4.5182913523e+1
327.13	45.184294757	4.5184294757e+1
327.14	45.18567599	4.518567599e+1
327.15	45.187057224	4.5187057224e+1
327.16	45.188438458	4.5188438458e+1
327.17	45.189819691	4.5189819691e+1
327.18	45.191200925	4.5191200925e+1
327.19	45.192582158	4.5192582158e+1
327.2	45.193963392	4.5193963392e+1
327.21	45.195344626	4.5195344626e+1
327.22	45.196725859	4.5196725859e+1
327.23	45.198107093	4.5198107093e+1
327.24	45.199488326	4.5199488326e+1
327.25	45.20086956	4.520086956e+1
327.26	45.202250794	4.5202250794e+1
327.27	45.203632027	4.5203632027e+1
327.28	45.205013261	4.5205013261e+1
327.29	45.206394494	4.5206394494e+1
327.3	45.207775728	4.5207775728e+1
327.31	45.209156962	4.5209156962e+1
327.32	45.210538195	4.5210538195e+1

327.33	45.211919429	4.5211919429e+1
327.34	45.213300662	4.5213300662e+1
327.35	45.214681896	4.5214681896e+1
327.36	45.21606313	4.521606313e+1
327.37	45.217444363	4.5217444363e+1
327.38	45.218825597	4.5218825597e+1
327.39	45.22020683	4.522020683e+1
327.4	45.221588064	4.5221588064e+1
327.41	45.222969298	4.5222969298e+1
327.42	45.224350531	4.5224350531e+1
327.43	45.225731765	4.5225731765e+1
327.44	45.227112998	4.5227112998e+1
327.45	45.228494232	4.5228494232e+1
327.46	45.229875466	4.5229875466e+1
327.47	45.231256699	4.5231256699e+1
327.48	45.232637933	4.5232637933e+1
327.49	45.234019166	4.5234019166e+1
327.5	45.2354004	4.52354004e+1
327.51	45.236781634	4.5236781634e+1
327.52	45.238162867	4.5238162867e+1
327.53	45.239544101	4.5239544101e+1
327.54	45.240925334	4.5240925334e+1
327.55	45.242306568	4.5242306568e+1
327.56	45.243687802	4.5243687802e+1
327.57	45.245069035	4.5245069035e+1
327.58	45.246450269	4.5246450269e+1
327.59	45.247831502	4.5247831502e+1
327.6	45.249212736	4.5249212736e+1
327.61	45.25059397	4.525059397e+1
327.62	45.251975203	4.5251975203e+1
327.63	45.253356437	4.5253356437e+1
327.64	45.25473767	4.525473767e+1
327.65	45.256118904	4.5256118904e+1
327.66	45.257500138	4.5257500138e+1
327.67	45.258881371	4.5258881371e+1
327.68	45.260262605	4.5260262605e+1
327.69	45.261643838	4.5261643838e+1
327.7	45.263025072	4.5263025072e+1

327.71	45.264406306	4.5264406306e+1
327.72	45.265787539	4.5265787539e+1
327.73	45.267168773	4.5267168773e+1
327.74	45.268550006	4.5268550006e+1
327.75	45.26993124	4.526993124e+1
327.76	45.271312474	4.5271312474e+1
327.77	45.272693707	4.5272693707e+1
327.78	45.274074941	4.5274074941e+1
327.79	45.275456174	4.5275456174e+1
327.8	45.276837408	4.5276837408e+1
327.81	45.278218642	4.5278218642e+1
327.82	45.279599875	4.5279599875e+1
327.83	45.280981109	4.5280981109e+1
327.84	45.282362342	4.5282362342e+1
327.85	45.283743576	4.5283743576e+1
327.86	45.28512481	4.528512481e+1
327.87	45.286506043	4.5286506043e+1
327.88	45.287887277	4.5287887277e+1
327.89	45.28926851	4.528926851e+1
327.9	45.290649744	4.5290649744e+1
327.91	45.292030978	4.5292030978e+1
327.92	45.293412211	4.5293412211e+1
327.93	45.294793445	4.5294793445e+1
327.94	45.296174678	4.5296174678e+1
327.95	45.297555912	4.5297555912e+1
327.96	45.298937146	4.5298937146e+1
327.97	45.300318379	4.5300318379e+1
327.98	45.301699613	4.5301699613e+1
327.99	45.303080846	4.5303080846e+1
328	45.30446208	4.530446208e+1
328.01	45.305843314	4.5305843314e+1
328.02	45.307224547	4.5307224547e+1
328.03	45.308605781	4.5308605781e+1
328.04	45.309987014	4.5309987014e+1
328.05	45.311368248	4.5311368248e+1
328.06	45.312749482	4.5312749482e+1
328.07	45.314130715	4.5314130715e+1
328.08	45.315511949	4.5315511949e+1

328.09	45.316893182	4.5316893182e+1
328.1	45.318274416	4.5318274416e+1
328.11	45.31965565	4.531965565e+1
328.12	45.321036883	4.5321036883e+1
328.13	45.322418117	4.5322418117e+1
328.14	45.32379935	4.532379935e+1
328.15	45.325180584	4.5325180584e+1
328.16	45.326561818	4.5326561818e+1
328.17	45.327943051	4.5327943051e+1
328.18	45.329324285	4.5329324285e+1
328.19	45.330705518	4.5330705518e+1
328.2	45.332086752	4.5332086752e+1
328.21	45.333467986	4.5333467986e+1
328.22	45.334849219	4.5334849219e+1
328.23	45.336230453	4.5336230453e+1
328.24	45.337611686	4.5337611686e+1
328.25	45.33899292	4.533899292e+1
328.26	45.340374154	4.5340374154e+1
328.27	45.341755387	4.5341755387e+1
328.28	45.343136621	4.5343136621e+1
328.29	45.344517854	4.5344517854e+1
328.3	45.345899088	4.5345899088e+1
328.31	45.347280322	4.5347280322e+1
328.32	45.348661555	4.5348661555e+1
328.33	45.350042789	4.5350042789e+1
328.34	45.351424022	4.5351424022e+1
328.35	45.352805256	4.5352805256e+1
328.36	45.35418649	4.535418649e+1
328.37	45.355567723	4.5355567723e+1
328.38	45.356948957	4.5356948957e+1
328.39	45.35833019	4.535833019e+1
328.4	45.359711424	4.5359711424e+1
328.41	45.361092658	4.5361092658e+1
328.42	45.362473891	4.5362473891e+1
328.43	45.363855125	4.5363855125e+1
328.44	45.365236358	4.5365236358e+1
328.45	45.366617592	4.5366617592e+1
328.46	45.367998826	4.5367998826e+1

328.47	45.369380059	4.5369380059e+1
328.48	45.370761293	4.5370761293e+1
328.49	45.372142526	4.5372142526e+1
328.5	45.37352376	4.537352376e+1
328.51	45.374904994	4.5374904994e+1
328.52	45.376286227	4.5376286227e+1
328.53	45.377667461	4.5377667461e+1
328.54	45.379048694	4.5379048694e+1
328.55	45.380429928	4.5380429928e+1
328.56	45.381811162	4.5381811162e+1
328.57	45.383192395	4.5383192395e+1
328.58	45.384573629	4.5384573629e+1
328.59	45.385954862	4.5385954862e+1
328.6	45.387336096	4.5387336096e+1
328.61	45.38871733	4.538871733e+1
328.62	45.390098563	4.5390098563e+1
328.63	45.391479797	4.5391479797e+1
328.64	45.39286103	4.539286103e+1
328.65	45.394242264	4.5394242264e+1
328.66	45.395623498	4.5395623498e+1
328.67	45.397004731	4.5397004731e+1
328.68	45.398385965	4.5398385965e+1
328.69	45.399767198	4.5399767198e+1
328.7	45.401148432	4.5401148432e+1
328.71	45.402529666	4.5402529666e+1
328.72	45.403910899	4.5403910899e+1
328.73	45.405292133	4.5405292133e+1
328.74	45.406673366	4.5406673366e+1
328.75	45.4080546	4.54080546e+1
328.76	45.409435834	4.5409435834e+1
328.77	45.410817067	4.5410817067e+1
328.78	45.412198301	4.5412198301e+1
328.79	45.413579534	4.5413579534e+1
328.8	45.414960768	4.5414960768e+1
328.81	45.416342002	4.5416342002e+1
328.82	45.417723235	4.5417723235e+1
328.83	45.419104469	4.5419104469e+1
328.84	45.420485702	4.5420485702e+1

328.85	45.421866936	4.5421866936e+1
328.86	45.42324817	4.542324817e+1
328.87	45.424629403	4.5424629403e+1
328.88	45.426010637	4.5426010637e+1
328.89	45.42739187	4.542739187e+1
328.9	45.428773104	4.5428773104e+1
328.91	45.430154338	4.5430154338e+1
328.92	45.431535571	4.5431535571e+1
328.93	45.432916805	4.5432916805e+1
328.94	45.434298038	4.5434298038e+1
328.95	45.435679272	4.5435679272e+1
328.96	45.437060506	4.5437060506e+1
328.97	45.438441739	4.5438441739e+1
328.98	45.439822973	4.5439822973e+1
328.99	45.441204206	4.5441204206e+1
329	45.44258544	4.544258544e+1
329.01	45.443966674	4.5443966674e+1
329.02	45.445347907	4.5445347907e+1
329.03	45.446729141	4.5446729141e+1
329.04	45.448110374	4.5448110374e+1
329.05	45.449491608	4.5449491608e+1
329.06	45.450872842	4.5450872842e+1
329.07	45.452254075	4.5452254075e+1
329.08	45.453635309	4.5453635309e+1
329.09	45.455016542	4.5455016542e+1
329.1	45.456397776	4.5456397776e+1
329.11	45.45777901	4.545777901e+1
329.12	45.459160243	4.5459160243e+1
329.13	45.460541477	4.5460541477e+1
329.14	45.46192271	4.546192271e+1
329.15	45.463303944	4.5463303944e+1
329.16	45.464685178	4.5464685178e+1
329.17	45.466066411	4.5466066411e+1
329.18	45.467447645	4.5467447645e+1
329.19	45.468828878	4.5468828878e+1
329.2	45.470210112	4.5470210112e+1
329.21	45.471591346	4.5471591346e+1
329.22	45.472972579	4.5472972579e+1

329.23	45.474353813	4.5474353813e+1
329.24	45.475735046	4.5475735046e+1
329.25	45.47711628	4.547711628e+1
329.26	45.478497514	4.5478497514e+1
329.27	45.479878747	4.5479878747e+1
329.28	45.481259981	4.5481259981e+1
329.29	45.482641214	4.5482641214e+1
329.3	45.484022448	4.5484022448e+1
329.31	45.485403682	4.5485403682e+1
329.32	45.486784915	4.5486784915e+1
329.33	45.488166149	4.5488166149e+1
329.34	45.489547382	4.5489547382e+1
329.35	45.490928616	4.5490928616e+1
329.36	45.49230985	4.549230985e+1
329.37	45.493691083	4.5493691083e+1
329.38	45.495072317	4.5495072317e+1
329.39	45.49645355	4.549645355e+1
329.4	45.497834784	4.5497834784e+1
329.41	45.499216018	4.5499216018e+1
329.42	45.500597251	4.5500597251e+1
329.43	45.501978485	4.5501978485e+1
329.44	45.503359718	4.5503359718e+1
329.45	45.504740952	4.5504740952e+1
329.46	45.506122186	4.5506122186e+1
329.47	45.507503419	4.5507503419e+1
329.48	45.508884653	4.5508884653e+1
329.49	45.510265886	4.5510265886e+1
329.5	45.51164712	4.551164712e+1
329.51	45.513028354	4.5513028354e+1
329.52	45.514409587	4.5514409587e+1
329.53	45.515790821	4.5515790821e+1
329.54	45.517172054	4.5517172054e+1
329.55	45.518553288	4.5518553288e+1
329.56	45.519934522	4.5519934522e+1
329.57	45.521315755	4.5521315755e+1
329.58	45.522696989	4.5522696989e+1
329.59	45.524078222	4.5524078222e+1
329.6	45.525459456	4.5525459456e+1

329.61	45.52684069	4.552684069e+1
329.62	45.528221923	4.5528221923e+1
329.63	45.529603157	4.5529603157e+1
329.64	45.53098439	4.553098439e+1
329.65	45.532365624	4.5532365624e+1
329.66	45.533746858	4.5533746858e+1
329.67	45.535128091	4.5535128091e+1
329.68	45.536509325	4.5536509325e+1
329.69	45.537890558	4.5537890558e+1
329.7	45.539271792	4.5539271792e+1
329.71	45.540653026	4.5540653026e+1
329.72	45.542034259	4.5542034259e+1
329.73	45.543415493	4.5543415493e+1
329.74	45.544796726	4.5544796726e+1
329.75	45.54617796	4.554617796e+1
329.76	45.547559194	4.5547559194e+1
329.77	45.548940427	4.5548940427e+1
329.78	45.550321661	4.5550321661e+1
329.79	45.551702894	4.5551702894e+1
329.8	45.553084128	4.5553084128e+1
329.81	45.554465362	4.5554465362e+1
329.82	45.555846595	4.5555846595e+1
329.83	45.557227829	4.5557227829e+1
329.84	45.558609062	4.5558609062e+1
329.85	45.559990296	4.5559990296e+1
329.86	45.56137153	4.556137153e+1
329.87	45.562752763	4.5562752763e+1
329.88	45.564133997	4.5564133997e+1
329.89	45.56551523	4.556551523e+1
329.9	45.566896464	4.5566896464e+1
329.91	45.568277698	4.5568277698e+1
329.92	45.569658931	4.5569658931e+1
329.93	45.571040165	4.5571040165e+1
329.94	45.572421398	4.5572421398e+1
329.95	45.573802632	4.5573802632e+1
329.96	45.575183866	4.5575183866e+1
329.97	45.576565099	4.5576565099e+1
329.98	45.577946333	4.5577946333e+1

329.99	45.579327566	4.5579327566e+1
330	45.5807088	4.55807088e+1
330.01	45.582090034	4.5582090034e+1
330.02	45.583471267	4.5583471267e+1
330.03	45.584852501	4.5584852501e+1
330.04	45.586233734	4.5586233734e+1
330.05	45.587614968	4.5587614968e+1
330.06	45.588996202	4.5588996202e+1
330.07	45.590377435	4.5590377435e+1
330.08	45.591758669	4.5591758669e+1
330.09	45.593139902	4.5593139902e+1
330.1	45.594521136	4.5594521136e+1
330.11	45.59590237	4.559590237e+1
330.12	45.597283603	4.5597283603e+1
330.13	45.598664837	4.5598664837e+1
330.14	45.60004607	4.560004607e+1
330.15	45.601427304	4.5601427304e+1
330.16	45.602808538	4.5602808538e+1
330.17	45.604189771	4.5604189771e+1
330.18	45.605571005	4.5605571005e+1
330.19	45.606952238	4.5606952238e+1
330.2	45.608333472	4.5608333472e+1
330.21	45.609714706	4.5609714706e+1
330.22	45.611095939	4.5611095939e+1
330.23	45.612477173	4.5612477173e+1
330.24	45.613858406	4.5613858406e+1
330.25	45.61523964	4.561523964e+1
330.26	45.616620874	4.5616620874e+1
330.27	45.618002107	4.5618002107e+1
330.28	45.619383341	4.5619383341e+1
330.29	45.620764574	4.5620764574e+1
330.3	45.622145808	4.5622145808e+1
330.31	45.623527042	4.5623527042e+1
330.32	45.624908275	4.5624908275e+1
330.33	45.626289509	4.5626289509e+1
330.34	45.627670742	4.5627670742e+1
330.35	45.629051976	4.5629051976e+1
330.36	45.63043321	4.563043321e+1

330.37	45.631814443	4.5631814443e+1
330.38	45.633195677	4.5633195677e+1
330.39	45.63457691	4.563457691e+1
330.4	45.635958144	4.5635958144e+1
330.41	45.637339378	4.5637339378e+1
330.42	45.638720611	4.5638720611e+1
330.43	45.640101845	4.5640101845e+1
330.44	45.641483078	4.5641483078e+1
330.45	45.642864312	4.5642864312e+1
330.46	45.644245546	4.5644245546e+1
330.47	45.645626779	4.5645626779e+1
330.48	45.647008013	4.5647008013e+1
330.49	45.648389246	4.5648389246e+1
330.5	45.64977048	4.564977048e+1
330.51	45.651151714	4.5651151714e+1
330.52	45.652532947	4.5652532947e+1
330.53	45.653914181	4.5653914181e+1
330.54	45.655295414	4.5655295414e+1
330.55	45.656676648	4.5656676648e+1
330.56	45.658057882	4.5658057882e+1
330.57	45.659439115	4.5659439115e+1
330.58	45.660820349	4.5660820349e+1
330.59	45.662201582	4.5662201582e+1
330.6	45.663582816	4.5663582816e+1
330.61	45.66496405	4.566496405e+1
330.62	45.666345283	4.5666345283e+1
330.63	45.667726517	4.5667726517e+1
330.64	45.66910775	4.566910775e+1
330.65	45.670488984	4.5670488984e+1
330.66	45.671870218	4.5671870218e+1
330.67	45.673251451	4.5673251451e+1
330.68	45.674632685	4.5674632685e+1
330.69	45.676013918	4.5676013918e+1
330.7	45.677395152	4.5677395152e+1
330.71	45.678776386	4.5678776386e+1
330.72	45.680157619	4.5680157619e+1
330.73	45.681538853	4.5681538853e+1
330.74	45.682920086	4.5682920086e+1

330.75	45.68430132	4.568430132e+1
330.76	45.685682554	4.5685682554e+1
330.77	45.687063787	4.5687063787e+1
330.78	45.688445021	4.5688445021e+1
330.79	45.689826254	4.5689826254e+1
330.8	45.691207488	4.5691207488e+1
330.81	45.692588722	4.5692588722e+1
330.82	45.693969955	4.5693969955e+1
330.83	45.695351189	4.5695351189e+1
330.84	45.696732422	4.5696732422e+1
330.85	45.698113656	4.5698113656e+1
330.86	45.69949489	4.569949489e+1
330.87	45.700876123	4.5700876123e+1
330.88	45.702257357	4.5702257357e+1
330.89	45.70363859	4.570363859e+1
330.9	45.705019824	4.5705019824e+1
330.91	45.706401058	4.5706401058e+1
330.92	45.707782291	4.5707782291e+1
330.93	45.709163525	4.5709163525e+1
330.94	45.710544758	4.5710544758e+1
330.95	45.711925992	4.5711925992e+1
330.96	45.713307226	4.5713307226e+1
330.97	45.714688459	4.5714688459e+1
330.98	45.716069693	4.5716069693e+1
330.99	45.717450926	4.5717450926e+1
331	45.71883216	4.571883216e+1
331.01	45.720213394	4.5720213394e+1
331.02	45.721594627	4.5721594627e+1
331.03	45.722975861	4.5722975861e+1
331.04	45.724357094	4.5724357094e+1
331.05	45.725738328	4.5725738328e+1
331.06	45.727119562	4.5727119562e+1
331.07	45.728500795	4.5728500795e+1
331.08	45.729882029	4.5729882029e+1
331.09	45.731263262	4.5731263262e+1
331.1	45.732644496	4.5732644496e+1
331.11	45.73402573	4.573402573e+1
331.12	45.735406963	4.5735406963e+1

331.13	45.736788197	4.5736788197e+1
331.14	45.73816943	4.573816943e+1
331.15	45.739550664	4.5739550664e+1
331.16	45.740931898	4.5740931898e+1
331.17	45.742313131	4.5742313131e+1
331.18	45.743694365	4.5743694365e+1
331.19	45.745075598	4.5745075598e+1
331.2	45.746456832	4.5746456832e+1
331.21	45.747838066	4.5747838066e+1
331.22	45.749219299	4.5749219299e+1
331.23	45.750600533	4.5750600533e+1
331.24	45.751981766	4.5751981766e+1
331.25	45.753363	4.5753363e+1
331.26	45.754744234	4.5754744234e+1
331.27	45.756125467	4.5756125467e+1
331.28	45.757506701	4.5757506701e+1
331.29	45.758887934	4.5758887934e+1
331.3	45.760269168	4.5760269168e+1
331.31	45.761650402	4.5761650402e+1
331.32	45.763031635	4.5763031635e+1
331.33	45.764412869	4.5764412869e+1
331.34	45.765794102	4.5765794102e+1
331.35	45.767175336	4.5767175336e+1
331.36	45.76855657	4.576855657e+1
331.37	45.769937803	4.5769937803e+1
331.38	45.771319037	4.5771319037e+1
331.39	45.77270027	4.577270027e+1
331.4	45.774081504	4.5774081504e+1
331.41	45.775462738	4.5775462738e+1
331.42	45.776843971	4.5776843971e+1
331.43	45.778225205	4.5778225205e+1
331.44	45.779606438	4.5779606438e+1
331.45	45.780987672	4.5780987672e+1
331.46	45.782368906	4.5782368906e+1
331.47	45.783750139	4.5783750139e+1
331.48	45.785131373	4.5785131373e+1
331.49	45.786512606	4.5786512606e+1
331.5	45.78789384	4.578789384e+1

331.51	45.789275074	4.5789275074e+1
331.52	45.790656307	4.5790656307e+1
331.53	45.792037541	4.5792037541e+1
331.54	45.793418774	4.5793418774e+1
331.55	45.794800008	4.5794800008e+1
331.56	45.796181242	4.5796181242e+1
331.57	45.797562475	4.5797562475e+1
331.58	45.798943709	4.5798943709e+1
331.59	45.800324942	4.5800324942e+1
331.6	45.801706176	4.5801706176e+1
331.61	45.80308741	4.580308741e+1
331.62	45.804468643	4.5804468643e+1
331.63	45.805849877	4.5805849877e+1
331.64	45.80723111	4.580723111e+1
331.65	45.808612344	4.5808612344e+1
331.66	45.809993578	4.5809993578e+1
331.67	45.811374811	4.5811374811e+1
331.68	45.812756045	4.5812756045e+1
331.69	45.814137278	4.5814137278e+1
331.7	45.815518512	4.5815518512e+1
331.71	45.816899746	4.5816899746e+1
331.72	45.818280979	4.5818280979e+1
331.73	45.819662213	4.5819662213e+1
331.74	45.821043446	4.5821043446e+1
331.75	45.82242468	4.582242468e+1
331.76	45.823805914	4.5823805914e+1
331.77	45.825187147	4.5825187147e+1
331.78	45.826568381	4.5826568381e+1
331.79	45.827949614	4.5827949614e+1
331.8	45.829330848	4.5829330848e+1
331.81	45.830712082	4.5830712082e+1
331.82	45.832093315	4.5832093315e+1
331.83	45.833474549	4.5833474549e+1
331.84	45.834855782	4.5834855782e+1
331.85	45.836237016	4.5836237016e+1
331.86	45.83761825	4.583761825e+1
331.87	45.838999483	4.5838999483e+1
331.88	45.840380717	4.5840380717e+1

331.89	45.84176195	4.584176195e+1
331.9	45.843143184	4.5843143184e+1
331.91	45.844524418	4.5844524418e+1
331.92	45.845905651	4.5845905651e+1
331.93	45.847286885	4.5847286885e+1
331.94	45.848668118	4.5848668118e+1
331.95	45.850049352	4.5850049352e+1
331.96	45.851430586	4.5851430586e+1
331.97	45.852811819	4.5852811819e+1
331.98	45.854193053	4.5854193053e+1
331.99	45.855574286	4.5855574286e+1
332	45.85695552	4.585695552e+1
332.01	45.858336754	4.5858336754e+1
332.02	45.859717987	4.5859717987e+1
332.03	45.861099221	4.5861099221e+1
332.04	45.862480454	4.5862480454e+1
332.05	45.863861688	4.5863861688e+1
332.06	45.865242922	4.5865242922e+1
332.07	45.866624155	4.5866624155e+1
332.08	45.868005389	4.5868005389e+1
332.09	45.869386622	4.5869386622e+1
332.1	45.870767856	4.5870767856e+1
332.11	45.87214909	4.587214909e+1
332.12	45.873530323	4.5873530323e+1
332.13	45.874911557	4.5874911557e+1
332.14	45.87629279	4.587629279e+1
332.15	45.877674024	4.5877674024e+1
332.16	45.879055258	4.5879055258e+1
332.17	45.880436491	4.5880436491e+1
332.18	45.881817725	4.5881817725e+1
332.19	45.883198958	4.5883198958e+1
332.2	45.884580192	4.5884580192e+1
332.21	45.885961426	4.5885961426e+1
332.22	45.887342659	4.5887342659e+1
332.23	45.888723893	4.5888723893e+1
332.24	45.890105126	4.5890105126e+1
332.25	45.89148636	4.589148636e+1
332.26	45.892867594	4.5892867594e+1

332.27	45.894248827	4.5894248827e+1
332.28	45.895630061	4.5895630061e+1
332.29	45.897011294	4.5897011294e+1
332.3	45.898392528	4.5898392528e+1
332.31	45.899773762	4.5899773762e+1
332.32	45.901154995	4.5901154995e+1
332.33	45.902536229	4.5902536229e+1
332.34	45.903917462	4.5903917462e+1
332.35	45.905298696	4.5905298696e+1
332.36	45.90667993	4.590667993e+1
332.37	45.908061163	4.5908061163e+1
332.38	45.909442397	4.5909442397e+1
332.39	45.91082363	4.591082363e+1
332.4	45.912204864	4.5912204864e+1
332.41	45.913586098	4.5913586098e+1
332.42	45.914967331	4.5914967331e+1
332.43	45.916348565	4.5916348565e+1
332.44	45.917729798	4.5917729798e+1
332.45	45.919111032	4.5919111032e+1
332.46	45.920492266	4.5920492266e+1
332.47	45.921873499	4.5921873499e+1
332.48	45.923254733	4.5923254733e+1
332.49	45.924635966	4.5924635966e+1
332.5	45.9260172	4.59260172e+1
332.51	45.927398434	4.5927398434e+1
332.52	45.928779667	4.5928779667e+1
332.53	45.930160901	4.5930160901e+1
332.54	45.931542134	4.5931542134e+1
332.55	45.932923368	4.5932923368e+1
332.56	45.934304602	4.5934304602e+1
332.57	45.935685835	4.5935685835e+1
332.58	45.937067069	4.5937067069e+1
332.59	45.938448302	4.5938448302e+1
332.6	45.939829536	4.5939829536e+1
332.61	45.94121077	4.594121077e+1
332.62	45.942592003	4.5942592003e+1
332.63	45.943973237	4.5943973237e+1
332.64	45.94535447	4.594535447e+1

332.65	45.946735704	4.5946735704e+1
332.66	45.948116938	4.5948116938e+1
332.67	45.949498171	4.5949498171e+1
332.68	45.950879405	4.5950879405e+1
332.69	45.952260638	4.5952260638e+1
332.7	45.953641872	4.5953641872e+1
332.71	45.955023106	4.5955023106e+1
332.72	45.956404339	4.5956404339e+1
332.73	45.957785573	4.5957785573e+1
332.74	45.959166806	4.5959166806e+1
332.75	45.96054804	4.596054804e+1
332.76	45.961929274	4.5961929274e+1
332.77	45.963310507	4.5963310507e+1
332.78	45.964691741	4.5964691741e+1
332.79	45.966072974	4.5966072974e+1
332.8	45.967454208	4.5967454208e+1
332.81	45.968835442	4.5968835442e+1
332.82	45.970216675	4.5970216675e+1
332.83	45.971597909	4.5971597909e+1
332.84	45.972979142	4.5972979142e+1
332.85	45.974360376	4.5974360376e+1
332.86	45.97574161	4.597574161e+1
332.87	45.977122843	4.5977122843e+1
332.88	45.978504077	4.5978504077e+1
332.89	45.97988531	4.597988531e+1
332.9	45.981266544	4.5981266544e+1
332.91	45.982647778	4.5982647778e+1
332.92	45.984029011	4.5984029011e+1
332.93	45.985410245	4.5985410245e+1
332.94	45.986791478	4.5986791478e+1
332.95	45.988172712	4.5988172712e+1
332.96	45.989553946	4.5989553946e+1
332.97	45.990935179	4.5990935179e+1
332.98	45.992316413	4.5992316413e+1
332.99	45.993697646	4.5993697646e+1
333	45.99507888	4.599507888e+1
333.01	45.996460114	4.5996460114e+1
333.02	45.997841347	4.5997841347e+1

333.03	45.999222581	4.5999222581e+1
333.04	46.000603814	4.6000603814e+1
333.05	46.001985048	4.6001985048e+1
333.06	46.003366282	4.6003366282e+1
333.07	46.004747515	4.6004747515e+1
333.08	46.006128749	4.6006128749e+1
333.09	46.007509982	4.6007509982e+1
333.1	46.008891216	4.6008891216e+1
333.11	46.01027245	4.601027245e+1
333.12	46.011653683	4.6011653683e+1
333.13	46.013034917	4.6013034917e+1
333.14	46.01441615	4.601441615e+1
333.15	46.015797384	4.6015797384e+1
333.16	46.017178618	4.6017178618e+1
333.17	46.018559851	4.6018559851e+1
333.18	46.019941085	4.6019941085e+1
333.19	46.021322318	4.6021322318e+1
333.2	46.022703552	4.6022703552e+1
333.21	46.024084786	4.6024084786e+1
333.22	46.025466019	4.6025466019e+1
333.23	46.026847253	4.6026847253e+1
333.24	46.028228486	4.6028228486e+1
333.25	46.02960972	4.602960972e+1
333.26	46.030990954	4.6030990954e+1
333.27	46.032372187	4.6032372187e+1
333.28	46.033753421	4.6033753421e+1
333.29	46.035134654	4.6035134654e+1
333.3	46.036515888	4.6036515888e+1
333.31	46.037897122	4.6037897122e+1
333.32	46.039278355	4.6039278355e+1
333.33	46.040659589	4.6040659589e+1
333.34	46.042040822	4.6042040822e+1
333.35	46.043422056	4.6043422056e+1
333.36	46.04480329	4.604480329e+1
333.37	46.046184523	4.6046184523e+1
333.38	46.047565757	4.6047565757e+1
333.39	46.04894699	4.604894699e+1
333.4	46.050328224	4.6050328224e+1

333.41	46.051709458	4.6051709458e+1
333.42	46.053090691	4.6053090691e+1
333.43	46.054471925	4.6054471925e+1
333.44	46.055853158	4.6055853158e+1
333.45	46.057234392	4.6057234392e+1
333.46	46.058615626	4.6058615626e+1
333.47	46.059996859	4.6059996859e+1
333.48	46.061378093	4.6061378093e+1
333.49	46.062759326	4.6062759326e+1
333.5	46.06414056	4.606414056e+1
333.51	46.065521794	4.6065521794e+1
333.52	46.066903027	4.6066903027e+1
333.53	46.068284261	4.6068284261e+1
333.54	46.069665494	4.6069665494e+1
333.55	46.071046728	4.6071046728e+1
333.56	46.072427962	4.6072427962e+1
333.57	46.073809195	4.6073809195e+1
333.58	46.075190429	4.6075190429e+1
333.59	46.076571662	4.6076571662e+1
333.6	46.077952896	4.6077952896e+1
333.61	46.07933413	4.607933413e+1
333.62	46.080715363	4.6080715363e+1
333.63	46.082096597	4.6082096597e+1
333.64	46.08347783	4.608347783e+1
333.65	46.084859064	4.6084859064e+1
333.66	46.086240298	4.6086240298e+1
333.67	46.087621531	4.6087621531e+1
333.68	46.089002765	4.6089002765e+1
333.69	46.090383998	4.6090383998e+1
333.7	46.091765232	4.6091765232e+1
333.71	46.093146466	4.6093146466e+1
333.72	46.094527699	4.6094527699e+1
333.73	46.095908933	4.6095908933e+1
333.74	46.097290166	4.6097290166e+1
333.75	46.0986714	4.60986714e+1
333.76	46.100052634	4.6100052634e+1
333.77	46.101433867	4.6101433867e+1
333.78	46.102815101	4.6102815101e+1

333.79	46.104196334	4.6104196334e+1
333.8	46.105577568	4.6105577568e+1
333.81	46.106958802	4.6106958802e+1
333.82	46.108340035	4.6108340035e+1
333.83	46.109721269	4.6109721269e+1
333.84	46.111102502	4.6111102502e+1
333.85	46.112483736	4.6112483736e+1
333.86	46.11386497	4.611386497e+1
333.87	46.115246203	4.6115246203e+1
333.88	46.116627437	4.6116627437e+1
333.89	46.11800867	4.611800867e+1
333.9	46.119389904	4.6119389904e+1
333.91	46.120771138	4.6120771138e+1
333.92	46.122152371	4.6122152371e+1
333.93	46.123533605	4.6123533605e+1
333.94	46.124914838	4.6124914838e+1
333.95	46.126296072	4.6126296072e+1
333.96	46.127677306	4.6127677306e+1
333.97	46.129058539	4.6129058539e+1
333.98	46.130439773	4.6130439773e+1
333.99	46.131821006	4.6131821006e+1
334	46.13320224	4.613320224e+1
334.01	46.134583474	4.6134583474e+1
334.02	46.135964707	4.6135964707e+1
334.03	46.137345941	4.6137345941e+1
334.04	46.138727174	4.6138727174e+1
334.05	46.140108408	4.6140108408e+1
334.06	46.141489642	4.6141489642e+1
334.07	46.142870875	4.6142870875e+1
334.08	46.144252109	4.6144252109e+1
334.09	46.145633342	4.6145633342e+1
334.1	46.147014576	4.6147014576e+1
334.11	46.14839581	4.614839581e+1
334.12	46.149777043	4.6149777043e+1
334.13	46.151158277	4.6151158277e+1
334.14	46.15253951	4.615253951e+1
334.15	46.153920744	4.6153920744e+1
334.16	46.155301978	4.6155301978e+1

334.17	46.156683211	4.6156683211e+1
334.18	46.158064445	4.6158064445e+1
334.19	46.159445678	4.6159445678e+1
334.2	46.160826912	4.6160826912e+1
334.21	46.162208146	4.6162208146e+1
334.22	46.163589379	4.6163589379e+1
334.23	46.164970613	4.6164970613e+1
334.24	46.166351846	4.6166351846e+1
334.25	46.16773308	4.616773308e+1
334.26	46.169114314	4.6169114314e+1
334.27	46.170495547	4.6170495547e+1
334.28	46.171876781	4.6171876781e+1
334.29	46.173258014	4.6173258014e+1
334.3	46.174639248	4.6174639248e+1
334.31	46.176020482	4.6176020482e+1
334.32	46.177401715	4.6177401715e+1
334.33	46.178782949	4.6178782949e+1
334.34	46.180164182	4.6180164182e+1
334.35	46.181545416	4.6181545416e+1
334.36	46.18292665	4.618292665e+1
334.37	46.184307883	4.6184307883e+1
334.38	46.185689117	4.6185689117e+1
334.39	46.18707035	4.618707035e+1
334.4	46.188451584	4.6188451584e+1
334.41	46.189832818	4.6189832818e+1
334.42	46.191214051	4.6191214051e+1
334.43	46.192595285	4.6192595285e+1
334.44	46.193976518	4.6193976518e+1
334.45	46.195357752	4.6195357752e+1
334.46	46.196738986	4.6196738986e+1
334.47	46.198120219	4.6198120219e+1
334.48	46.199501453	4.6199501453e+1
334.49	46.200882686	4.6200882686e+1
334.5	46.20226392	4.620226392e+1
334.51	46.203645154	4.6203645154e+1
334.52	46.205026387	4.6205026387e+1
334.53	46.206407621	4.6206407621e+1
334.54	46.207788854	4.6207788854e+1

334.55	46.209170088	4.6209170088e+1
334.56	46.210551322	4.6210551322e+1
334.57	46.211932555	4.6211932555e+1
334.58	46.213313789	4.6213313789e+1
334.59	46.214695022	4.6214695022e+1
334.6	46.216076256	4.6216076256e+1
334.61	46.21745749	4.621745749e+1
334.62	46.218838723	4.6218838723e+1
334.63	46.220219957	4.6220219957e+1
334.64	46.22160119	4.622160119e+1
334.65	46.222982424	4.6222982424e+1
334.66	46.224363658	4.6224363658e+1
334.67	46.225744891	4.6225744891e+1
334.68	46.227126125	4.6227126125e+1
334.69	46.228507358	4.6228507358e+1
334.7	46.229888592	4.6229888592e+1
334.71	46.231269826	4.6231269826e+1
334.72	46.232651059	4.6232651059e+1
334.73	46.234032293	4.6234032293e+1
334.74	46.235413526	4.6235413526e+1
334.75	46.23679476	4.623679476e+1
334.76	46.238175994	4.6238175994e+1
334.77	46.239557227	4.6239557227e+1
334.78	46.240938461	4.6240938461e+1
334.79	46.242319694	4.6242319694e+1
334.8	46.243700928	4.6243700928e+1
334.81	46.245082162	4.6245082162e+1
334.82	46.246463395	4.6246463395e+1
334.83	46.247844629	4.6247844629e+1
334.84	46.249225862	4.6249225862e+1
334.85	46.250607096	4.6250607096e+1
334.86	46.25198833	4.625198833e+1
334.87	46.253369563	4.6253369563e+1
334.88	46.254750797	4.6254750797e+1
334.89	46.25613203	4.625613203e+1
334.9	46.257513264	4.6257513264e+1
334.91	46.258894498	4.6258894498e+1
334.92	46.260275731	4.6260275731e+1

334.93	46.261656965	4.6261656965e+1
334.94	46.263038198	4.6263038198e+1
334.95	46.264419432	4.6264419432e+1
334.96	46.265800666	4.6265800666e+1
334.97	46.267181899	4.6267181899e+1
334.98	46.268563133	4.6268563133e+1
334.99	46.269944366	4.6269944366e+1
335	46.2713256	4.62713256e+1
335.01	46.272706834	4.6272706834e+1
335.02	46.274088067	4.6274088067e+1
335.03	46.275469301	4.6275469301e+1
335.04	46.276850534	4.6276850534e+1
335.05	46.278231768	4.6278231768e+1
335.06	46.279613002	4.6279613002e+1
335.07	46.280994235	4.6280994235e+1
335.08	46.282375469	4.6282375469e+1
335.09	46.283756702	4.6283756702e+1
335.1	46.285137936	4.6285137936e+1
335.11	46.28651917	4.628651917e+1
335.12	46.287900403	4.6287900403e+1
335.13	46.289281637	4.6289281637e+1
335.14	46.29066287	4.629066287e+1
335.15	46.292044104	4.6292044104e+1
335.16	46.293425338	4.6293425338e+1
335.17	46.294806571	4.6294806571e+1
335.18	46.296187805	4.6296187805e+1
335.19	46.297569038	4.6297569038e+1
335.2	46.298950272	4.6298950272e+1
335.21	46.300331506	4.6300331506e+1
335.22	46.301712739	4.6301712739e+1
335.23	46.303093973	4.6303093973e+1
335.24	46.304475206	4.6304475206e+1
335.25	46.30585644	4.630585644e+1
335.26	46.307237674	4.6307237674e+1
335.27	46.308618907	4.6308618907e+1
335.28	46.310000141	4.6310000141e+1
335.29	46.311381374	4.6311381374e+1
335.3	46.312762608	4.6312762608e+1

335.31	46.314143842	4.6314143842e+1
335.32	46.315525075	4.6315525075e+1
335.33	46.316906309	4.6316906309e+1
335.34	46.318287542	4.6318287542e+1
335.35	46.319668776	4.6319668776e+1
335.36	46.32105001	4.632105001e+1
335.37	46.322431243	4.6322431243e+1
335.38	46.323812477	4.6323812477e+1
335.39	46.32519371	4.632519371e+1
335.4	46.326574944	4.6326574944e+1
335.41	46.327956178	4.6327956178e+1
335.42	46.329337411	4.6329337411e+1
335.43	46.330718645	4.6330718645e+1
335.44	46.332099878	4.6332099878e+1
335.45	46.333481112	4.6333481112e+1
335.46	46.334862346	4.6334862346e+1
335.47	46.336243579	4.6336243579e+1
335.48	46.337624813	4.6337624813e+1
335.49	46.339006046	4.6339006046e+1
335.5	46.34038728	4.634038728e+1
335.51	46.341768514	4.6341768514e+1
335.52	46.343149747	4.6343149747e+1
335.53	46.344530981	4.6344530981e+1
335.54	46.345912214	4.6345912214e+1
335.55	46.347293448	4.6347293448e+1
335.56	46.348674682	4.6348674682e+1
335.57	46.350055915	4.6350055915e+1
335.58	46.351437149	4.6351437149e+1
335.59	46.352818382	4.6352818382e+1
335.6	46.354199616	4.6354199616e+1
335.61	46.35558085	4.635558085e+1
335.62	46.356962083	4.6356962083e+1
335.63	46.358343317	4.6358343317e+1
335.64	46.35972455	4.635972455e+1
335.65	46.361105784	4.6361105784e+1
335.66	46.362487018	4.6362487018e+1
335.67	46.363868251	4.6363868251e+1
335.68	46.365249485	4.6365249485e+1

335.69	46.366630718	4.6366630718e+1
335.7	46.368011952	4.6368011952e+1
335.71	46.369393186	4.6369393186e+1
335.72	46.370774419	4.6370774419e+1
335.73	46.372155653	4.6372155653e+1
335.74	46.373536886	4.6373536886e+1
335.75	46.37491812	4.637491812e+1
335.76	46.376299354	4.6376299354e+1
335.77	46.377680587	4.6377680587e+1
335.78	46.379061821	4.6379061821e+1
335.79	46.380443054	4.6380443054e+1
335.8	46.381824288	4.6381824288e+1
335.81	46.383205522	4.6383205522e+1
335.82	46.384586755	4.6384586755e+1
335.83	46.385967989	4.6385967989e+1
335.84	46.387349222	4.6387349222e+1
335.85	46.388730456	4.6388730456e+1
335.86	46.39011169	4.639011169e+1
335.87	46.391492923	4.6391492923e+1
335.88	46.392874157	4.6392874157e+1
335.89	46.39425539	4.639425539e+1
335.9	46.395636624	4.6395636624e+1
335.91	46.397017858	4.6397017858e+1
335.92	46.398399091	4.6398399091e+1
335.93	46.399780325	4.6399780325e+1
335.94	46.401161558	4.6401161558e+1
335.95	46.402542792	4.6402542792e+1
335.96	46.403924026	4.6403924026e+1
335.97	46.405305259	4.6405305259e+1
335.98	46.406686493	4.6406686493e+1
335.99	46.408067726	4.6408067726e+1
336	46.40944896	4.640944896e+1
336.01	46.410830194	4.6410830194e+1
336.02	46.412211427	4.6412211427e+1
336.03	46.413592661	4.6413592661e+1
336.04	46.414973894	4.6414973894e+1
336.05	46.416355128	4.6416355128e+1
336.06	46.417736362	4.6417736362e+1

336.07	46.419117595	4.6419117595e+1
336.08	46.420498829	4.6420498829e+1
336.09	46.421880062	4.6421880062e+1
336.1	46.423261296	4.6423261296e+1
336.11	46.42464253	4.642464253e+1
336.12	46.426023763	4.6426023763e+1
336.13	46.427404997	4.6427404997e+1
336.14	46.42878623	4.642878623e+1
336.15	46.430167464	4.6430167464e+1
336.16	46.431548698	4.6431548698e+1
336.17	46.432929931	4.6432929931e+1
336.18	46.434311165	4.6434311165e+1
336.19	46.435692398	4.6435692398e+1
336.2	46.437073632	4.6437073632e+1
336.21	46.438454866	4.6438454866e+1
336.22	46.439836099	4.6439836099e+1
336.23	46.441217333	4.6441217333e+1
336.24	46.442598566	4.6442598566e+1
336.25	46.4439798	4.64439798e+1
336.26	46.445361034	4.6445361034e+1
336.27	46.446742267	4.6446742267e+1
336.28	46.448123501	4.6448123501e+1
336.29	46.449504734	4.6449504734e+1
336.3	46.450885968	4.6450885968e+1
336.31	46.452267202	4.6452267202e+1
336.32	46.453648435	4.6453648435e+1
336.33	46.455029669	4.6455029669e+1
336.34	46.456410902	4.6456410902e+1
336.35	46.457792136	4.6457792136e+1
336.36	46.45917337	4.645917337e+1
336.37	46.460554603	4.6460554603e+1
336.38	46.461935837	4.6461935837e+1
336.39	46.46331707	4.646331707e+1
336.4	46.464698304	4.6464698304e+1
336.41	46.466079538	4.6466079538e+1
336.42	46.467460771	4.6467460771e+1
336.43	46.468842005	4.6468842005e+1
336.44	46.470223238	4.6470223238e+1

336.45	46.471604472	4.6471604472e+1
336.46	46.472985706	4.6472985706e+1
336.47	46.474366939	4.6474366939e+1
336.48	46.475748173	4.6475748173e+1
336.49	46.477129406	4.6477129406e+1
336.5	46.47851064	4.647851064e+1
336.51	46.479891874	4.6479891874e+1
336.52	46.481273107	4.6481273107e+1
336.53	46.482654341	4.6482654341e+1
336.54	46.484035574	4.6484035574e+1
336.55	46.485416808	4.6485416808e+1
336.56	46.486798042	4.6486798042e+1
336.57	46.488179275	4.6488179275e+1
336.58	46.489560509	4.6489560509e+1
336.59	46.490941742	4.6490941742e+1
336.6	46.492322976	4.6492322976e+1
336.61	46.49370421	4.649370421e+1
336.62	46.495085443	4.6495085443e+1
336.63	46.496466677	4.6496466677e+1
336.64	46.49784791	4.649784791e+1
336.65	46.499229144	4.6499229144e+1
336.66	46.500610378	4.6500610378e+1
336.67	46.501991611	4.6501991611e+1
336.68	46.503372845	4.6503372845e+1
336.69	46.504754078	4.6504754078e+1
336.7	46.506135312	4.6506135312e+1
336.71	46.507516546	4.6507516546e+1
336.72	46.508897779	4.6508897779e+1
336.73	46.510279013	4.6510279013e+1
336.74	46.511660246	4.6511660246e+1
336.75	46.51304148	4.651304148e+1
336.76	46.514422714	4.6514422714e+1
336.77	46.515803947	4.6515803947e+1
336.78	46.517185181	4.6517185181e+1
336.79	46.518566414	4.6518566414e+1
336.8	46.519947648	4.6519947648e+1
336.81	46.521328882	4.6521328882e+1
336.82	46.522710115	4.6522710115e+1

336.83	46.524091349	4.6524091349e+1
336.84	46.525472582	4.6525472582e+1
336.85	46.526853816	4.6526853816e+1
336.86	46.52823505	4.652823505e+1
336.87	46.529616283	4.6529616283e+1
336.88	46.530997517	4.6530997517e+1
336.89	46.53237875	4.653237875e+1
336.9	46.533759984	4.6533759984e+1
336.91	46.535141218	4.6535141218e+1
336.92	46.536522451	4.6536522451e+1
336.93	46.537903685	4.6537903685e+1
336.94	46.539284918	4.6539284918e+1
336.95	46.540666152	4.6540666152e+1
336.96	46.542047386	4.6542047386e+1
336.97	46.543428619	4.6543428619e+1
336.98	46.544809853	4.6544809853e+1
336.99	46.546191086	4.6546191086e+1
337	46.54757232	4.654757232e+1
337.01	46.548953554	4.6548953554e+1
337.02	46.550334787	4.6550334787e+1
337.03	46.551716021	4.6551716021e+1
337.04	46.553097254	4.6553097254e+1
337.05	46.554478488	4.6554478488e+1
337.06	46.555859722	4.6555859722e+1
337.07	46.557240955	4.6557240955e+1
337.08	46.558622189	4.6558622189e+1
337.09	46.560003422	4.6560003422e+1
337.1	46.561384656	4.6561384656e+1
337.11	46.56276589	4.656276589e+1
337.12	46.564147123	4.6564147123e+1
337.13	46.565528357	4.6565528357e+1
337.14	46.56690959	4.656690959e+1
337.15	46.568290824	4.6568290824e+1
337.16	46.569672058	4.6569672058e+1
337.17	46.571053291	4.6571053291e+1
337.18	46.572434525	4.6572434525e+1
337.19	46.573815758	4.6573815758e+1
337.2	46.575196992	4.6575196992e+1

337.21	46.576578226	4.6576578226e+1
337.22	46.577959459	4.6577959459e+1
337.23	46.579340693	4.6579340693e+1
337.24	46.580721926	4.6580721926e+1
337.25	46.58210316	4.658210316e+1
337.26	46.583484394	4.6583484394e+1
337.27	46.584865627	4.6584865627e+1
337.28	46.586246861	4.6586246861e+1
337.29	46.587628094	4.6587628094e+1
337.3	46.589009328	4.6589009328e+1
337.31	46.590390562	4.6590390562e+1
337.32	46.591771795	4.6591771795e+1
337.33	46.593153029	4.6593153029e+1
337.34	46.594534262	4.6594534262e+1
337.35	46.595915496	4.6595915496e+1
337.36	46.59729673	4.659729673e+1
337.37	46.598677963	4.6598677963e+1
337.38	46.600059197	4.6600059197e+1
337.39	46.60144043	4.660144043e+1
337.4	46.602821664	4.6602821664e+1
337.41	46.604202898	4.6604202898e+1
337.42	46.605584131	4.6605584131e+1
337.43	46.606965365	4.6606965365e+1
337.44	46.608346598	4.6608346598e+1
337.45	46.609727832	4.6609727832e+1
337.46	46.611109066	4.6611109066e+1
337.47	46.612490299	4.6612490299e+1
337.48	46.613871533	4.6613871533e+1
337.49	46.615252766	4.6615252766e+1
337.5	46.616634	4.6616634e+1
337.51	46.618015234	4.6618015234e+1
337.52	46.619396467	4.6619396467e+1
337.53	46.620777701	4.6620777701e+1
337.54	46.622158934	4.6622158934e+1
337.55	46.623540168	4.6623540168e+1
337.56	46.624921402	4.6624921402e+1
337.57	46.626302635	4.6626302635e+1
337.58	46.627683869	4.6627683869e+1

337.59	46.629065102	4.6629065102e+1
337.6	46.630446336	4.6630446336e+1
337.61	46.63182757	4.663182757e+1
337.62	46.633208803	4.6633208803e+1
337.63	46.634590037	4.6634590037e+1
337.64	46.63597127	4.663597127e+1
337.65	46.637352504	4.6637352504e+1
337.66	46.638733738	4.66387333738e+1
337.67	46.640114971	4.6640114971e+1
337.68	46.641496205	4.6641496205e+1
337.69	46.642877438	4.6642877438e+1
337.7	46.644258672	4.6644258672e+1
337.71	46.645639906	4.6645639906e+1
337.72	46.647021139	4.6647021139e+1
337.73	46.648402373	4.6648402373e+1
337.74	46.649783606	4.6649783606e+1
337.75	46.65116484	4.665116484e+1
337.76	46.652546074	4.6652546074e+1
337.77	46.653927307	4.6653927307e+1
337.78	46.655308541	4.6655308541e+1
337.79	46.656689774	4.6656689774e+1
337.8	46.658071008	4.6658071008e+1
337.81	46.659452242	4.6659452242e+1
337.82	46.660833475	4.6660833475e+1
337.83	46.662214709	4.6662214709e+1
337.84	46.663595942	4.6663595942e+1
337.85	46.664977176	4.6664977176e+1
337.86	46.66635841	4.666635841e+1
337.87	46.667739643	4.6667739643e+1
337.88	46.669120877	4.6669120877e+1
337.89	46.67050211	4.667050211e+1
337.9	46.671883344	4.6671883344e+1
337.91	46.673264578	4.6673264578e+1
337.92	46.674645811	4.6674645811e+1
337.93	46.676027045	4.6676027045e+1
337.94	46.677408278	4.6677408278e+1
337.95	46.678789512	4.6678789512e+1
337.96	46.680170746	4.6680170746e+1

337.97	46.681551979	4.6681551979e+1
337.98	46.682933213	4.6682933213e+1
337.99	46.684314446	4.6684314446e+1
338	46.68569568	4.668569568e+1
338.01	46.687076914	4.6687076914e+1
338.02	46.688458147	4.6688458147e+1
338.03	46.689839381	4.6689839381e+1
338.04	46.691220614	4.6691220614e+1
338.05	46.692601848	4.6692601848e+1
338.06	46.693983082	4.6693983082e+1
338.07	46.695364315	4.6695364315e+1
338.08	46.696745549	4.6696745549e+1
338.09	46.698126782	4.6698126782e+1
338.1	46.699508016	4.6699508016e+1
338.11	46.70088925	4.670088925e+1
338.12	46.702270483	4.6702270483e+1
338.13	46.703651717	4.6703651717e+1
338.14	46.70503295	4.670503295e+1
338.15	46.706414184	4.6706414184e+1
338.16	46.707795418	4.6707795418e+1
338.17	46.709176651	4.6709176651e+1
338.18	46.710557885	4.6710557885e+1
338.19	46.711939118	4.6711939118e+1
338.2	46.713320352	4.6713320352e+1
338.21	46.714701586	4.6714701586e+1
338.22	46.716082819	4.6716082819e+1
338.23	46.717464053	4.6717464053e+1
338.24	46.718845286	4.6718845286e+1
338.25	46.72022652	4.672022652e+1
338.26	46.721607754	4.6721607754e+1
338.27	46.722988987	4.6722988987e+1
338.28	46.724370221	4.6724370221e+1
338.29	46.725751454	4.6725751454e+1
338.3	46.727132688	4.6727132688e+1
338.31	46.728513922	4.6728513922e+1
338.32	46.729895155	4.6729895155e+1
338.33	46.731276389	4.6731276389e+1
338.34	46.732657622	4.6732657622e+1

338.35	46.734038856	4.6734038856e+1
338.36	46.73542009	4.673542009e+1
338.37	46.736801323	4.6736801323e+1
338.38	46.738182557	4.6738182557e+1
338.39	46.73956379	4.673956379e+1
338.4	46.740945024	4.6740945024e+1
338.41	46.742326258	4.6742326258e+1
338.42	46.743707491	4.6743707491e+1
338.43	46.745088725	4.6745088725e+1
338.44	46.746469958	4.6746469958e+1
338.45	46.747851192	4.6747851192e+1
338.46	46.749232426	4.6749232426e+1
338.47	46.750613659	4.6750613659e+1
338.48	46.751994893	4.6751994893e+1
338.49	46.753376126	4.6753376126e+1
338.5	46.75475736	4.675475736e+1
338.51	46.756138594	4.6756138594e+1
338.52	46.757519827	4.6757519827e+1
338.53	46.758901061	4.6758901061e+1
338.54	46.760282294	4.6760282294e+1
338.55	46.761663528	4.6761663528e+1
338.56	46.763044762	4.6763044762e+1
338.57	46.764425995	4.6764425995e+1
338.58	46.765807229	4.6765807229e+1
338.59	46.767188462	4.6767188462e+1
338.6	46.768569696	4.6768569696e+1
338.61	46.76995093	4.676995093e+1
338.62	46.771332163	4.6771332163e+1
338.63	46.772713397	4.6772713397e+1
338.64	46.77409463	4.677409463e+1
338.65	46.775475864	4.6775475864e+1
338.66	46.776857098	4.6776857098e+1
338.67	46.778238331	4.6778238331e+1
338.68	46.779619565	4.6779619565e+1
338.69	46.781000798	4.6781000798e+1
338.7	46.782382032	4.6782382032e+1
338.71	46.783763266	4.6783763266e+1
338.72	46.785144499	4.6785144499e+1

338.73	46.786525733	4.6786525733e+1
338.74	46.787906966	4.6787906966e+1
338.75	46.7892882	4.67892882e+1
338.76	46.790669434	4.6790669434e+1
338.77	46.792050667	4.6792050667e+1
338.78	46.793431901	4.6793431901e+1
338.79	46.794813134	4.6794813134e+1
338.8	46.796194368	4.6796194368e+1
338.81	46.797575602	4.6797575602e+1
338.82	46.798956835	4.6798956835e+1
338.83	46.800338069	4.6800338069e+1
338.84	46.801719302	4.6801719302e+1
338.85	46.803100536	4.6803100536e+1
338.86	46.80448177	4.680448177e+1
338.87	46.805863003	4.6805863003e+1
338.88	46.807244237	4.6807244237e+1
338.89	46.80862547	4.680862547e+1
338.9	46.810006704	4.6810006704e+1
338.91	46.811387938	4.6811387938e+1
338.92	46.812769171	4.6812769171e+1
338.93	46.814150405	4.6814150405e+1
338.94	46.815531638	4.6815531638e+1
338.95	46.816912872	4.6816912872e+1
338.96	46.818294106	4.6818294106e+1
338.97	46.819675339	4.6819675339e+1
338.98	46.821056573	4.6821056573e+1
338.99	46.822437806	4.6822437806e+1
339	46.82381904	4.682381904e+1
339.01	46.825200274	4.6825200274e+1
339.02	46.826581507	4.6826581507e+1
339.03	46.827962741	4.6827962741e+1
339.04	46.829343974	4.6829343974e+1
339.05	46.830725208	4.6830725208e+1
339.06	46.832106442	4.6832106442e+1
339.07	46.833487675	4.6833487675e+1
339.08	46.834868909	4.6834868909e+1
339.09	46.836250142	4.6836250142e+1
339.1	46.837631376	4.6837631376e+1

339.11	46.83901261	4.683901261e+1
339.12	46.840393843	4.6840393843e+1
339.13	46.841775077	4.6841775077e+1
339.14	46.84315631	4.684315631e+1
339.15	46.844537544	4.6844537544e+1
339.16	46.845918778	4.6845918778e+1
339.17	46.847300011	4.6847300011e+1
339.18	46.848681245	4.6848681245e+1
339.19	46.850062478	4.6850062478e+1
339.2	46.851443712	4.6851443712e+1
339.21	46.852824946	4.6852824946e+1
339.22	46.854206179	4.6854206179e+1
339.23	46.855587413	4.6855587413e+1
339.24	46.856968646	4.6856968646e+1
339.25	46.85834988	4.685834988e+1
339.26	46.859731114	4.6859731114e+1
339.27	46.861112347	4.6861112347e+1
339.28	46.862493581	4.6862493581e+1
339.29	46.863874814	4.6863874814e+1
339.3	46.865256048	4.6865256048e+1
339.31	46.866637282	4.6866637282e+1
339.32	46.868018515	4.6868018515e+1
339.33	46.869399749	4.6869399749e+1
339.34	46.870780982	4.6870780982e+1
339.35	46.872162216	4.6872162216e+1
339.36	46.87354345	4.687354345e+1
339.37	46.874924683	4.6874924683e+1
339.38	46.876305917	4.6876305917e+1
339.39	46.87768715	4.687768715e+1
339.4	46.879068384	4.6879068384e+1
339.41	46.880449618	4.6880449618e+1
339.42	46.881830851	4.6881830851e+1
339.43	46.883212085	4.6883212085e+1
339.44	46.884593318	4.6884593318e+1
339.45	46.885974552	4.6885974552e+1
339.46	46.887355786	4.6887355786e+1
339.47	46.888737019	4.6888737019e+1
339.48	46.890118253	4.6890118253e+1

339.49	46.891499486	4.6891499486e+1
339.5	46.89288072	4.689288072e+1
339.51	46.894261954	4.6894261954e+1
339.52	46.895643187	4.6895643187e+1
339.53	46.897024421	4.6897024421e+1
339.54	46.898405654	4.6898405654e+1
339.55	46.899786888	4.6899786888e+1
339.56	46.901168122	4.6901168122e+1
339.57	46.902549355	4.6902549355e+1
339.58	46.903930589	4.6903930589e+1
339.59	46.905311822	4.6905311822e+1
339.6	46.906693056	4.6906693056e+1
339.61	46.90807429	4.690807429e+1
339.62	46.909455523	4.6909455523e+1
339.63	46.910836757	4.6910836757e+1
339.64	46.91221799	4.691221799e+1
339.65	46.913599224	4.6913599224e+1
339.66	46.914980458	4.6914980458e+1
339.67	46.916361691	4.6916361691e+1
339.68	46.917742925	4.6917742925e+1
339.69	46.919124158	4.6919124158e+1
339.7	46.920505392	4.6920505392e+1
339.71	46.921886626	4.6921886626e+1
339.72	46.923267859	4.6923267859e+1
339.73	46.924649093	4.6924649093e+1
339.74	46.926030326	4.6926030326e+1
339.75	46.92741156	4.692741156e+1
339.76	46.928792794	4.6928792794e+1
339.77	46.930174027	4.6930174027e+1
339.78	46.931555261	4.6931555261e+1
339.79	46.932936494	4.6932936494e+1
339.8	46.934317728	4.6934317728e+1
339.81	46.935698962	4.6935698962e+1
339.82	46.937080195	4.6937080195e+1
339.83	46.938461429	4.6938461429e+1
339.84	46.939842662	4.6939842662e+1
339.85	46.941223896	4.6941223896e+1
339.86	46.94260513	4.694260513e+1

339.87	46.943986363	4.6943986363e+1
339.88	46.945367597	4.6945367597e+1
339.89	46.94674883	4.694674883e+1
339.9	46.948130064	4.6948130064e+1
339.91	46.949511298	4.6949511298e+1
339.92	46.950892531	4.6950892531e+1
339.93	46.952273765	4.6952273765e+1
339.94	46.953654998	4.6953654998e+1
339.95	46.955036232	4.6955036232e+1
339.96	46.956417466	4.6956417466e+1
339.97	46.957798699	4.6957798699e+1
339.98	46.959179933	4.6959179933e+1
339.99	46.960561166	4.6960561166e+1
340	46.9619424	4.69619424e+1
340.01	46.963323634	4.6963323634e+1
340.02	46.964704867	4.6964704867e+1
340.03	46.966086101	4.6966086101e+1
340.04	46.967467334	4.6967467334e+1
340.05	46.968848568	4.6968848568e+1
340.06	46.970229802	4.6970229802e+1
340.07	46.971611035	4.6971611035e+1
340.08	46.972992269	4.6972992269e+1
340.09	46.974373502	4.6974373502e+1
340.1	46.975754736	4.6975754736e+1
340.11	46.97713597	4.697713597e+1
340.12	46.978517203	4.6978517203e+1
340.13	46.979898437	4.6979898437e+1
340.14	46.98127967	4.698127967e+1
340.15	46.982660904	4.6982660904e+1
340.16	46.984042138	4.6984042138e+1
340.17	46.985423371	4.6985423371e+1
340.18	46.986804605	4.6986804605e+1
340.19	46.988185838	4.6988185838e+1
340.2	46.989567072	4.6989567072e+1
340.21	46.990948306	4.6990948306e+1
340.22	46.992329539	4.6992329539e+1
340.23	46.993710773	4.6993710773e+1
340.24	46.995092006	4.6995092006e+1

340.25	46.99647324	4.699647324e+1
340.26	46.997854474	4.6997854474e+1
340.27	46.999235707	4.6999235707e+1
340.28	47.000616941	4.7000616941e+1
340.29	47.001998174	4.7001998174e+1
340.3	47.003379408	4.7003379408e+1
340.31	47.004760642	4.7004760642e+1
340.32	47.006141875	4.7006141875e+1
340.33	47.007523109	4.7007523109e+1
340.34	47.008904342	4.7008904342e+1
340.35	47.010285576	4.7010285576e+1
340.36	47.01166681	4.701166681e+1
340.37	47.013048043	4.7013048043e+1
340.38	47.014429277	4.7014429277e+1
340.39	47.01581051	4.701581051e+1
340.4	47.017191744	4.7017191744e+1
340.41	47.018572978	4.7018572978e+1
340.42	47.019954211	4.7019954211e+1
340.43	47.021335445	4.7021335445e+1
340.44	47.022716678	4.7022716678e+1
340.45	47.024097912	4.7024097912e+1
340.46	47.025479146	4.7025479146e+1
340.47	47.026860379	4.7026860379e+1
340.48	47.028241613	4.7028241613e+1
340.49	47.029622846	4.7029622846e+1
340.5	47.03100408	4.703100408e+1
340.51	47.032385314	4.7032385314e+1
340.52	47.033766547	4.7033766547e+1
340.53	47.035147781	4.7035147781e+1
340.54	47.036529014	4.7036529014e+1
340.55	47.037910248	4.7037910248e+1
340.56	47.039291482	4.7039291482e+1
340.57	47.040672715	4.7040672715e+1
340.58	47.042053949	4.7042053949e+1
340.59	47.043435182	4.7043435182e+1
340.6	47.044816416	4.7044816416e+1
340.61	47.04619765	4.704619765e+1
340.62	47.047578883	4.7047578883e+1

340.63	47.048960117	4.7048960117e+1
340.64	47.05034135	4.705034135e+1
340.65	47.051722584	4.7051722584e+1
340.66	47.053103818	4.7053103818e+1
340.67	47.054485051	4.7054485051e+1
340.68	47.055866285	4.7055866285e+1
340.69	47.057247518	4.7057247518e+1
340.7	47.058628752	4.7058628752e+1
340.71	47.060009986	4.7060009986e+1
340.72	47.061391219	4.7061391219e+1
340.73	47.062772453	4.7062772453e+1
340.74	47.064153686	4.7064153686e+1
340.75	47.06553492	4.706553492e+1
340.76	47.066916154	4.7066916154e+1
340.77	47.068297387	4.7068297387e+1
340.78	47.069678621	4.7069678621e+1
340.79	47.071059854	4.7071059854e+1
340.8	47.072441088	4.7072441088e+1
340.81	47.073822322	4.7073822322e+1
340.82	47.075203555	4.7075203555e+1
340.83	47.076584789	4.7076584789e+1
340.84	47.077966022	4.7077966022e+1
340.85	47.079347256	4.7079347256e+1
340.86	47.08072849	4.708072849e+1
340.87	47.082109723	4.7082109723e+1
340.88	47.083490957	4.7083490957e+1
340.89	47.08487219	4.708487219e+1
340.9	47.086253424	4.7086253424e+1
340.91	47.087634658	4.7087634658e+1
340.92	47.089015891	4.7089015891e+1
340.93	47.090397125	4.7090397125e+1
340.94	47.091778358	4.7091778358e+1
340.95	47.093159592	4.7093159592e+1
340.96	47.094540826	4.7094540826e+1
340.97	47.095922059	4.7095922059e+1
340.98	47.097303293	4.7097303293e+1
340.99	47.098684526	4.7098684526e+1
341	47.10006576	4.710006576e+1

341.01	47.101446994	4.7101446994e+1
341.02	47.102828227	4.7102828227e+1
341.03	47.104209461	4.7104209461e+1
341.04	47.105590694	4.7105590694e+1
341.05	47.106971928	4.7106971928e+1
341.06	47.108353162	4.7108353162e+1
341.07	47.109734395	4.7109734395e+1
341.08	47.111115629	4.7111115629e+1
341.09	47.112496862	4.7112496862e+1
341.1	47.113878096	4.7113878096e+1
341.11	47.11525933	4.711525933e+1
341.12	47.116640563	4.7116640563e+1
341.13	47.118021797	4.7118021797e+1
341.14	47.11940303	4.711940303e+1
341.15	47.120784264	4.7120784264e+1
341.16	47.122165498	4.7122165498e+1
341.17	47.123546731	4.7123546731e+1
341.18	47.124927965	4.7124927965e+1
341.19	47.126309198	4.7126309198e+1
341.2	47.127690432	4.7127690432e+1
341.21	47.129071666	4.7129071666e+1
341.22	47.130452899	4.7130452899e+1
341.23	47.131834133	4.7131834133e+1
341.24	47.133215366	4.7133215366e+1
341.25	47.1345966	4.71345966e+1
341.26	47.135977834	4.7135977834e+1
341.27	47.137359067	4.7137359067e+1
341.28	47.138740301	4.7138740301e+1
341.29	47.140121534	4.7140121534e+1
341.3	47.141502768	4.7141502768e+1
341.31	47.142884002	4.7142884002e+1
341.32	47.144265235	4.7144265235e+1
341.33	47.145646469	4.7145646469e+1
341.34	47.147027702	4.7147027702e+1
341.35	47.148408936	4.7148408936e+1
341.36	47.14979017	4.714979017e+1
341.37	47.151171403	4.7151171403e+1
341.38	47.152552637	4.7152552637e+1

341.39	47.15393387	4.715393387e+1
341.4	47.155315104	4.7155315104e+1
341.41	47.156696338	4.7156696338e+1
341.42	47.158077571	4.7158077571e+1
341.43	47.159458805	4.7159458805e+1
341.44	47.160840038	4.7160840038e+1
341.45	47.162221272	4.7162221272e+1
341.46	47.163602506	4.7163602506e+1
341.47	47.164983739	4.7164983739e+1
341.48	47.166364973	4.7166364973e+1
341.49	47.167746206	4.7167746206e+1
341.5	47.16912744	4.716912744e+1
341.51	47.170508674	4.7170508674e+1
341.52	47.171889907	4.7171889907e+1
341.53	47.173271141	4.7173271141e+1
341.54	47.174652374	4.7174652374e+1
341.55	47.176033608	4.7176033608e+1
341.56	47.177414842	4.7177414842e+1
341.57	47.178796075	4.7178796075e+1
341.58	47.180177309	4.7180177309e+1
341.59	47.181558542	4.7181558542e+1
341.6	47.182939776	4.7182939776e+1
341.61	47.18432101	4.718432101e+1
341.62	47.185702243	4.7185702243e+1
341.63	47.187083477	4.7187083477e+1
341.64	47.18846471	4.718846471e+1
341.65	47.189845944	4.7189845944e+1
341.66	47.191227178	4.7191227178e+1
341.67	47.192608411	4.7192608411e+1
341.68	47.193989645	4.7193989645e+1
341.69	47.195370878	4.7195370878e+1
341.7	47.196752112	4.7196752112e+1
341.71	47.198133346	4.7198133346e+1
341.72	47.199514579	4.7199514579e+1
341.73	47.200895813	4.7200895813e+1
341.74	47.202277046	4.7202277046e+1
341.75	47.20365828	4.720365828e+1
341.76	47.205039514	4.7205039514e+1

341.77	47.206420747	4.7206420747e+1
341.78	47.207801981	4.7207801981e+1
341.79	47.209183214	4.7209183214e+1
341.8	47.210564448	4.7210564448e+1
341.81	47.211945682	4.7211945682e+1
341.82	47.213326915	4.7213326915e+1
341.83	47.214708149	4.7214708149e+1
341.84	47.216089382	4.7216089382e+1
341.85	47.217470616	4.7217470616e+1
341.86	47.21885185	4.721885185e+1
341.87	47.220233083	4.7220233083e+1
341.88	47.221614317	4.7221614317e+1
341.89	47.22299555	4.722299555e+1
341.9	47.224376784	4.7224376784e+1
341.91	47.225758018	4.7225758018e+1
341.92	47.227139251	4.7227139251e+1
341.93	47.228520485	4.7228520485e+1
341.94	47.229901718	4.7229901718e+1
341.95	47.231282952	4.7231282952e+1
341.96	47.232664186	4.7232664186e+1
341.97	47.234045419	4.7234045419e+1
341.98	47.235426653	4.7235426653e+1
341.99	47.236807886	4.7236807886e+1
342	47.23818912	4.723818912e+1
342.01	47.239570354	4.7239570354e+1
342.02	47.240951587	4.7240951587e+1
342.03	47.242332821	4.7242332821e+1
342.04	47.243714054	4.7243714054e+1
342.05	47.245095288	4.7245095288e+1
342.06	47.246476522	4.7246476522e+1
342.07	47.247857755	4.7247857755e+1
342.08	47.249238989	4.7249238989e+1
342.09	47.250620222	4.7250620222e+1
342.1	47.252001456	4.7252001456e+1
342.11	47.25338269	4.725338269e+1
342.12	47.254763923	4.7254763923e+1
342.13	47.256145157	4.7256145157e+1
342.14	47.25752639	4.725752639e+1

342.15	47.258907624	4.7258907624e+1
342.16	47.260288858	4.7260288858e+1
342.17	47.261670091	4.7261670091e+1
342.18	47.263051325	4.7263051325e+1
342.19	47.264432558	4.7264432558e+1
342.2	47.265813792	4.7265813792e+1
342.21	47.267195026	4.7267195026e+1
342.22	47.268576259	4.7268576259e+1
342.23	47.269957493	4.7269957493e+1
342.24	47.271338726	4.7271338726e+1
342.25	47.27271996	4.727271996e+1
342.26	47.274101194	4.7274101194e+1
342.27	47.275482427	4.7275482427e+1
342.28	47.276863661	4.7276863661e+1
342.29	47.278244894	4.7278244894e+1
342.3	47.279626128	4.7279626128e+1
342.31	47.281007362	4.7281007362e+1
342.32	47.282388595	4.7282388595e+1
342.33	47.283769829	4.7283769829e+1
342.34	47.285151062	4.7285151062e+1
342.35	47.286532296	4.7286532296e+1
342.36	47.28791353	4.728791353e+1
342.37	47.289294763	4.7289294763e+1
342.38	47.290675997	4.7290675997e+1
342.39	47.29205723	4.729205723e+1
342.4	47.293438464	4.7293438464e+1
342.41	47.294819698	4.7294819698e+1
342.42	47.296200931	4.7296200931e+1
342.43	47.297582165	4.7297582165e+1
342.44	47.298963398	4.7298963398e+1
342.45	47.300344632	4.7300344632e+1
342.46	47.301725866	4.7301725866e+1
342.47	47.303107099	4.7303107099e+1
342.48	47.304488333	4.7304488333e+1
342.49	47.305869566	4.7305869566e+1
342.5	47.3072508	4.73072508e+1
342.51	47.308632034	4.7308632034e+1
342.52	47.310013267	4.7310013267e+1

342.53	47.311394501	4.7311394501e+1
342.54	47.312775734	4.7312775734e+1
342.55	47.314156968	4.7314156968e+1
342.56	47.315538202	4.7315538202e+1
342.57	47.316919435	4.7316919435e+1
342.58	47.318300669	4.7318300669e+1
342.59	47.319681902	4.7319681902e+1
342.6	47.321063136	4.7321063136e+1
342.61	47.32244437	4.732244437e+1
342.62	47.323825603	4.7323825603e+1
342.63	47.325206837	4.7325206837e+1
342.64	47.32658807	4.732658807e+1
342.65	47.327969304	4.7327969304e+1
342.66	47.329350538	4.7329350538e+1
342.67	47.330731771	4.7330731771e+1
342.68	47.332113005	4.7332113005e+1
342.69	47.333494238	4.7333494238e+1
342.7	47.334875472	4.7334875472e+1
342.71	47.336256706	4.7336256706e+1
342.72	47.337637939	4.7337637939e+1
342.73	47.339019173	4.7339019173e+1
342.74	47.340400406	4.7340400406e+1
342.75	47.34178164	4.734178164e+1
342.76	47.343162874	4.7343162874e+1
342.77	47.344544107	4.7344544107e+1
342.78	47.345925341	4.7345925341e+1
342.79	47.347306574	4.7347306574e+1
342.8	47.348687808	4.7348687808e+1
342.81	47.350069042	4.7350069042e+1
342.82	47.351450275	4.7351450275e+1
342.83	47.352831509	4.7352831509e+1
342.84	47.354212742	4.7354212742e+1
342.85	47.355593976	4.7355593976e+1
342.86	47.35697521	4.735697521e+1
342.87	47.358356443	4.7358356443e+1
342.88	47.359737677	4.7359737677e+1
342.89	47.36111891	4.736111891e+1
342.9	47.362500144	4.7362500144e+1

342.91	47.363881378	4.7363881378e+1
342.92	47.365262611	4.7365262611e+1
342.93	47.366643845	4.7366643845e+1
342.94	47.368025078	4.7368025078e+1
342.95	47.369406312	4.7369406312e+1
342.96	47.370787546	4.7370787546e+1
342.97	47.372168779	4.7372168779e+1
342.98	47.373550013	4.7373550013e+1
342.99	47.374931246	4.7374931246e+1
343	47.37631248	4.737631248e+1
343.01	47.377693714	4.7377693714e+1
343.02	47.379074947	4.7379074947e+1
343.03	47.380456181	4.7380456181e+1
343.04	47.381837414	4.7381837414e+1
343.05	47.383218648	4.7383218648e+1
343.06	47.384599882	4.7384599882e+1
343.07	47.385981115	4.7385981115e+1
343.08	47.387362349	4.7387362349e+1
343.09	47.388743582	4.7388743582e+1
343.1	47.390124816	4.7390124816e+1
343.11	47.39150605	4.739150605e+1
343.12	47.392887283	4.7392887283e+1
343.13	47.394268517	4.7394268517e+1
343.14	47.39564975	4.739564975e+1
343.15	47.397030984	4.7397030984e+1
343.16	47.398412218	4.7398412218e+1
343.17	47.399793451	4.7399793451e+1
343.18	47.401174685	4.7401174685e+1
343.19	47.402555918	4.7402555918e+1
343.2	47.403937152	4.7403937152e+1
343.21	47.405318386	4.7405318386e+1
343.22	47.406699619	4.7406699619e+1
343.23	47.408080853	4.7408080853e+1
343.24	47.409462086	4.7409462086e+1
343.25	47.41084332	4.741084332e+1
343.26	47.412224554	4.7412224554e+1
343.27	47.413605787	4.7413605787e+1
343.28	47.414987021	4.7414987021e+1

343.29	47.416368254	4.7416368254e+1
343.3	47.417749488	4.7417749488e+1
343.31	47.419130722	4.7419130722e+1
343.32	47.420511955	4.7420511955e+1
343.33	47.421893189	4.7421893189e+1
343.34	47.423274422	4.7423274422e+1
343.35	47.424655656	4.7424655656e+1
343.36	47.42603689	4.742603689e+1
343.37	47.427418123	4.7427418123e+1
343.38	47.428799357	4.7428799357e+1
343.39	47.43018059	4.743018059e+1
343.4	47.431561824	4.7431561824e+1
343.41	47.432943058	4.7432943058e+1
343.42	47.434324291	4.7434324291e+1
343.43	47.435705525	4.7435705525e+1
343.44	47.437086758	4.7437086758e+1
343.45	47.438467992	4.7438467992e+1
343.46	47.439849226	4.7439849226e+1
343.47	47.441230459	4.7441230459e+1
343.48	47.442611693	4.7442611693e+1
343.49	47.443992926	4.7443992926e+1
343.5	47.44537416	4.744537416e+1
343.51	47.446755394	4.7446755394e+1
343.52	47.448136627	4.7448136627e+1
343.53	47.449517861	4.7449517861e+1
343.54	47.450899094	4.7450899094e+1
343.55	47.452280328	4.7452280328e+1
343.56	47.453661562	4.7453661562e+1
343.57	47.455042795	4.7455042795e+1
343.58	47.456424029	4.7456424029e+1
343.59	47.457805262	4.7457805262e+1
343.6	47.459186496	4.7459186496e+1
343.61	47.46056773	4.746056773e+1
343.62	47.461948963	4.7461948963e+1
343.63	47.463330197	4.7463330197e+1
343.64	47.46471143	4.746471143e+1
343.65	47.466092664	4.7466092664e+1
343.66	47.467473898	4.7467473898e+1

343.67	47.468855131	4.7468855131e+1
343.68	47.470236365	4.7470236365e+1
343.69	47.471617598	4.7471617598e+1
343.7	47.472998832	4.7472998832e+1
343.71	47.474380066	4.7474380066e+1
343.72	47.475761299	4.7475761299e+1
343.73	47.477142533	4.7477142533e+1
343.74	47.478523766	4.7478523766e+1
343.75	47.479905	4.7479905e+1
343.76	47.481286234	4.7481286234e+1
343.77	47.482667467	4.7482667467e+1
343.78	47.484048701	4.7484048701e+1
343.79	47.485429934	4.7485429934e+1
343.8	47.486811168	4.7486811168e+1
343.81	47.488192402	4.7488192402e+1
343.82	47.489573635	4.7489573635e+1
343.83	47.490954869	4.7490954869e+1
343.84	47.492336102	4.7492336102e+1
343.85	47.493717336	4.7493717336e+1
343.86	47.49509857	4.749509857e+1
343.87	47.496479803	4.7496479803e+1
343.88	47.497861037	4.7497861037e+1
343.89	47.49924227	4.749924227e+1
343.9	47.500623504	4.7500623504e+1
343.91	47.502004738	4.7502004738e+1
343.92	47.503385971	4.7503385971e+1
343.93	47.504767205	4.7504767205e+1
343.94	47.506148438	4.7506148438e+1
343.95	47.507529672	4.7507529672e+1
343.96	47.508910906	4.7508910906e+1
343.97	47.510292139	4.7510292139e+1
343.98	47.511673373	4.7511673373e+1
343.99	47.513054606	4.7513054606e+1
344	47.51443584	4.751443584e+1
344.01	47.515817074	4.7515817074e+1
344.02	47.517198307	4.7517198307e+1
344.03	47.518579541	4.7518579541e+1
344.04	47.519960774	4.7519960774e+1

344.05	47.521342008	4.7521342008e+1
344.06	47.522723242	4.7522723242e+1
344.07	47.524104475	4.7524104475e+1
344.08	47.525485709	4.7525485709e+1
344.09	47.526866942	4.7526866942e+1
344.1	47.528248176	4.7528248176e+1
344.11	47.52962941	4.752962941e+1
344.12	47.531010643	4.7531010643e+1
344.13	47.532391877	4.7532391877e+1
344.14	47.53377311	4.753377311e+1
344.15	47.535154344	4.7535154344e+1
344.16	47.536535578	4.7536535578e+1
344.17	47.537916811	4.7537916811e+1
344.18	47.539298045	4.7539298045e+1
344.19	47.540679278	4.7540679278e+1
344.2	47.542060512	4.7542060512e+1
344.21	47.543441746	4.7543441746e+1
344.22	47.544822979	4.7544822979e+1
344.23	47.546204213	4.7546204213e+1
344.24	47.547585446	4.7547585446e+1
344.25	47.54896668	4.754896668e+1
344.26	47.550347914	4.7550347914e+1
344.27	47.551729147	4.7551729147e+1
344.28	47.553110381	4.7553110381e+1
344.29	47.554491614	4.7554491614e+1
344.3	47.555872848	4.7555872848e+1
344.31	47.557254082	4.7557254082e+1
344.32	47.558635315	4.7558635315e+1
344.33	47.560016549	4.7560016549e+1
344.34	47.561397782	4.7561397782e+1
344.35	47.562779016	4.7562779016e+1
344.36	47.56416025	4.756416025e+1
344.37	47.565541483	4.7565541483e+1
344.38	47.566922717	4.7566922717e+1
344.39	47.56830395	4.756830395e+1
344.4	47.569685184	4.7569685184e+1
344.41	47.571066418	4.7571066418e+1
344.42	47.572447651	4.7572447651e+1

344.43	47.573828885	4.7573828885e+1
344.44	47.575210118	4.7575210118e+1
344.45	47.576591352	4.7576591352e+1
344.46	47.577972586	4.7577972586e+1
344.47	47.579353819	4.7579353819e+1
344.48	47.580735053	4.7580735053e+1
344.49	47.582116286	4.7582116286e+1
344.5	47.58349752	4.758349752e+1
344.51	47.584878754	4.7584878754e+1
344.52	47.586259987	4.7586259987e+1
344.53	47.587641221	4.7587641221e+1
344.54	47.589022454	4.7589022454e+1
344.55	47.590403688	4.7590403688e+1
344.56	47.591784922	4.7591784922e+1
344.57	47.593166155	4.7593166155e+1
344.58	47.594547389	4.7594547389e+1
344.59	47.595928622	4.7595928622e+1
344.6	47.597309856	4.7597309856e+1
344.61	47.59869109	4.759869109e+1
344.62	47.600072323	4.7600072323e+1
344.63	47.601453557	4.7601453557e+1
344.64	47.60283479	4.760283479e+1
344.65	47.604216024	4.7604216024e+1
344.66	47.605597258	4.7605597258e+1
344.67	47.606978491	4.7606978491e+1
344.68	47.608359725	4.7608359725e+1
344.69	47.609740958	4.7609740958e+1
344.7	47.611122192	4.7611122192e+1
344.71	47.612503426	4.7612503426e+1
344.72	47.613884659	4.7613884659e+1
344.73	47.615265893	4.7615265893e+1
344.74	47.616647126	4.7616647126e+1
344.75	47.61802836	4.761802836e+1
344.76	47.619409594	4.7619409594e+1
344.77	47.620790827	4.7620790827e+1
344.78	47.622172061	4.7622172061e+1
344.79	47.623553294	4.7623553294e+1
344.8	47.624934528	4.7624934528e+1

344.81	47.626315762	4.7626315762e+1
344.82	47.627696995	4.7627696995e+1
344.83	47.629078229	4.7629078229e+1
344.84	47.630459462	4.7630459462e+1
344.85	47.631840696	4.7631840696e+1
344.86	47.63322193	4.763322193e+1
344.87	47.634603163	4.7634603163e+1
344.88	47.635984397	4.7635984397e+1
344.89	47.63736563	4.763736563e+1
344.9	47.638746864	4.7638746864e+1
344.91	47.640128098	4.7640128098e+1
344.92	47.641509331	4.7641509331e+1
344.93	47.642890565	4.7642890565e+1
344.94	47.644271798	4.7644271798e+1
344.95	47.645653032	4.7645653032e+1
344.96	47.647034266	4.7647034266e+1
344.97	47.648415499	4.7648415499e+1
344.98	47.649796733	4.7649796733e+1
344.99	47.651177966	4.7651177966e+1
345	47.6525592	4.76525592e+1
345.01	47.653940434	4.7653940434e+1
345.02	47.655321667	4.7655321667e+1
345.03	47.656702901	4.7656702901e+1
345.04	47.658084134	4.7658084134e+1
345.05	47.659465368	4.7659465368e+1
345.06	47.660846602	4.7660846602e+1
345.07	47.662227835	4.7662227835e+1
345.08	47.663609069	4.7663609069e+1
345.09	47.664990302	4.7664990302e+1
345.1	47.666371536	4.7666371536e+1
345.11	47.66775277	4.766775277e+1
345.12	47.669134003	4.7669134003e+1
345.13	47.670515237	4.7670515237e+1
345.14	47.67189647	4.767189647e+1
345.15	47.673277704	4.7673277704e+1
345.16	47.674658938	4.7674658938e+1
345.17	47.676040171	4.7676040171e+1
345.18	47.677421405	4.7677421405e+1

345.19	47.678802638	4.7678802638e+1
345.2	47.680183872	4.7680183872e+1
345.21	47.681565106	4.7681565106e+1
345.22	47.682946339	4.7682946339e+1
345.23	47.684327573	4.7684327573e+1
345.24	47.685708806	4.7685708806e+1
345.25	47.68709004	4.768709004e+1
345.26	47.688471274	4.7688471274e+1
345.27	47.689852507	4.7689852507e+1
345.28	47.691233741	4.7691233741e+1
345.29	47.692614974	4.7692614974e+1
345.3	47.693996208	4.7693996208e+1
345.31	47.695377442	4.7695377442e+1
345.32	47.696758675	4.7696758675e+1
345.33	47.698139909	4.7698139909e+1
345.34	47.699521142	4.7699521142e+1
345.35	47.700902376	4.7700902376e+1
345.36	47.70228361	4.770228361e+1
345.37	47.703664843	4.7703664843e+1
345.38	47.705046077	4.7705046077e+1
345.39	47.70642731	4.770642731e+1
345.4	47.707808544	4.7707808544e+1
345.41	47.709189778	4.7709189778e+1
345.42	47.710571011	4.7710571011e+1
345.43	47.711952245	4.7711952245e+1
345.44	47.713333478	4.7713333478e+1
345.45	47.714714712	4.7714714712e+1
345.46	47.716095946	4.7716095946e+1
345.47	47.717477179	4.7717477179e+1
345.48	47.718858413	4.7718858413e+1
345.49	47.720239646	4.7720239646e+1
345.5	47.72162088	4.772162088e+1
345.51	47.723002114	4.7723002114e+1
345.52	47.724383347	4.7724383347e+1
345.53	47.725764581	4.7725764581e+1
345.54	47.727145814	4.7727145814e+1
345.55	47.728527048	4.7728527048e+1
345.56	47.729908282	4.7729908282e+1

345.57	47.731289515	4.7731289515e+1
345.58	47.732670749	4.7732670749e+1
345.59	47.734051982	4.7734051982e+1
345.6	47.735433216	4.7735433216e+1
345.61	47.73681445	4.773681445e+1
345.62	47.738195683	4.7738195683e+1
345.63	47.739576917	4.7739576917e+1
345.64	47.74095815	4.774095815e+1
345.65	47.742339384	4.7742339384e+1
345.66	47.743720618	4.7743720618e+1
345.67	47.745101851	4.7745101851e+1
345.68	47.746483085	4.7746483085e+1
345.69	47.747864318	4.7747864318e+1
345.7	47.749245552	4.7749245552e+1
345.71	47.750626786	4.7750626786e+1
345.72	47.752008019	4.7752008019e+1
345.73	47.753389253	4.7753389253e+1
345.74	47.754770486	4.7754770486e+1
345.75	47.75615172	4.775615172e+1
345.76	47.757532954	4.7757532954e+1
345.77	47.758914187	4.7758914187e+1
345.78	47.760295421	4.7760295421e+1
345.79	47.761676654	4.7761676654e+1
345.8	47.763057888	4.7763057888e+1
345.81	47.764439122	4.7764439122e+1
345.82	47.765820355	4.7765820355e+1
345.83	47.767201589	4.7767201589e+1
345.84	47.768582822	4.7768582822e+1
345.85	47.769964056	4.7769964056e+1
345.86	47.77134529	4.777134529e+1
345.87	47.772726523	4.7772726523e+1
345.88	47.774107757	4.7774107757e+1
345.89	47.77548899	4.777548899e+1
345.9	47.776870224	4.7776870224e+1
345.91	47.778251458	4.7778251458e+1
345.92	47.779632691	4.7779632691e+1
345.93	47.781013925	4.7781013925e+1
345.94	47.782395158	4.7782395158e+1

345.95	47.783776392	4.7783776392e+1
345.96	47.785157626	4.7785157626e+1
345.97	47.786538859	4.7786538859e+1
345.98	47.787920093	4.7787920093e+1
345.99	47.789301326	4.7789301326e+1
346	47.79068256	4.779068256e+1
346.01	47.792063794	4.7792063794e+1
346.02	47.793445027	4.7793445027e+1
346.03	47.794826261	4.7794826261e+1
346.04	47.796207494	4.7796207494e+1
346.05	47.797588728	4.7797588728e+1
346.06	47.798969962	4.7798969962e+1
346.07	47.800351195	4.7800351195e+1
346.08	47.801732429	4.7801732429e+1
346.09	47.803113662	4.7803113662e+1
346.1	47.804494896	4.7804494896e+1
346.11	47.80587613	4.780587613e+1
346.12	47.807257363	4.7807257363e+1
346.13	47.808638597	4.7808638597e+1
346.14	47.81001983	4.781001983e+1
346.15	47.811401064	4.7811401064e+1
346.16	47.812782298	4.7812782298e+1
346.17	47.814163531	4.7814163531e+1
346.18	47.815544765	4.7815544765e+1
346.19	47.816925998	4.7816925998e+1
346.2	47.818307232	4.7818307232e+1
346.21	47.819688466	4.7819688466e+1
346.22	47.821069699	4.7821069699e+1
346.23	47.822450933	4.7822450933e+1
346.24	47.823832166	4.7823832166e+1
346.25	47.8252134	4.78252134e+1
346.26	47.826594634	4.7826594634e+1
346.27	47.827975867	4.7827975867e+1
346.28	47.829357101	4.7829357101e+1
346.29	47.830738334	4.7830738334e+1
346.3	47.832119568	4.7832119568e+1
346.31	47.833500802	4.7833500802e+1
346.32	47.834882035	4.7834882035e+1

346.33	47.836263269	4.7836263269e+1
346.34	47.837644502	4.7837644502e+1
346.35	47.839025736	4.7839025736e+1
346.36	47.84040697	4.784040697e+1
346.37	47.841788203	4.7841788203e+1
346.38	47.843169437	4.7843169437e+1
346.39	47.84455067	4.784455067e+1
346.4	47.845931904	4.7845931904e+1
346.41	47.847313138	4.7847313138e+1
346.42	47.848694371	4.7848694371e+1
346.43	47.850075605	4.7850075605e+1
346.44	47.851456838	4.7851456838e+1
346.45	47.852838072	4.7852838072e+1
346.46	47.854219306	4.7854219306e+1
346.47	47.855600539	4.7855600539e+1
346.48	47.856981773	4.7856981773e+1
346.49	47.858363006	4.7858363006e+1
346.5	47.85974424	4.785974424e+1
346.51	47.861125474	4.7861125474e+1
346.52	47.862506707	4.7862506707e+1
346.53	47.863887941	4.7863887941e+1
346.54	47.865269174	4.7865269174e+1
346.55	47.866650408	4.7866650408e+1
346.56	47.868031642	4.7868031642e+1
346.57	47.869412875	4.7869412875e+1
346.58	47.870794109	4.7870794109e+1
346.59	47.872175342	4.7872175342e+1
346.6	47.873556576	4.7873556576e+1
346.61	47.87493781	4.787493781e+1
346.62	47.876319043	4.7876319043e+1
346.63	47.877700277	4.7877700277e+1
346.64	47.87908151	4.787908151e+1
346.65	47.880462744	4.7880462744e+1
346.66	47.881843978	4.7881843978e+1
346.67	47.883225211	4.7883225211e+1
346.68	47.884606445	4.7884606445e+1
346.69	47.885987678	4.7885987678e+1
346.7	47.887368912	4.7887368912e+1

346.71	47.888750146	4.7888750146e+1
346.72	47.890131379	4.7890131379e+1
346.73	47.891512613	4.7891512613e+1
346.74	47.892893846	4.7892893846e+1
346.75	47.89427508	4.789427508e+1
346.76	47.895656314	4.7895656314e+1
346.77	47.897037547	4.7897037547e+1
346.78	47.898418781	4.7898418781e+1
346.79	47.899800014	4.7899800014e+1
346.8	47.901181248	4.7901181248e+1
346.81	47.902562482	4.7902562482e+1
346.82	47.903943715	4.7903943715e+1
346.83	47.905324949	4.7905324949e+1
346.84	47.906706182	4.7906706182e+1
346.85	47.908087416	4.7908087416e+1
346.86	47.90946865	4.790946865e+1
346.87	47.910849883	4.7910849883e+1
346.88	47.912231117	4.7912231117e+1
346.89	47.91361235	4.791361235e+1
346.9	47.914993584	4.7914993584e+1
346.91	47.916374818	4.7916374818e+1
346.92	47.917756051	4.7917756051e+1
346.93	47.919137285	4.7919137285e+1
346.94	47.920518518	4.7920518518e+1
346.95	47.921899752	4.7921899752e+1
346.96	47.923280986	4.7923280986e+1
346.97	47.924662219	4.7924662219e+1
346.98	47.926043453	4.7926043453e+1
346.99	47.927424686	4.7927424686e+1
347	47.92880592	4.792880592e+1
347.01	47.930187154	4.7930187154e+1
347.02	47.931568387	4.7931568387e+1
347.03	47.932949621	4.7932949621e+1
347.04	47.934330854	4.7934330854e+1
347.05	47.935712088	4.7935712088e+1
347.06	47.937093322	4.7937093322e+1
347.07	47.938474555	4.7938474555e+1
347.08	47.939855789	4.7939855789e+1

347.09	47.941237022	4.7941237022e+1
347.1	47.942618256	4.7942618256e+1
347.11	47.94399949	4.794399949e+1
347.12	47.945380723	4.7945380723e+1
347.13	47.946761957	4.7946761957e+1
347.14	47.94814319	4.794814319e+1
347.15	47.949524424	4.7949524424e+1
347.16	47.950905658	4.7950905658e+1
347.17	47.952286891	4.7952286891e+1
347.18	47.953668125	4.7953668125e+1
347.19	47.955049358	4.7955049358e+1
347.2	47.956430592	4.7956430592e+1
347.21	47.957811826	4.7957811826e+1
347.22	47.959193059	4.7959193059e+1
347.23	47.960574293	4.7960574293e+1
347.24	47.961955526	4.7961955526e+1
347.25	47.96333676	4.796333676e+1
347.26	47.964717994	4.7964717994e+1
347.27	47.966099227	4.7966099227e+1
347.28	47.967480461	4.7967480461e+1
347.29	47.968861694	4.7968861694e+1
347.3	47.970242928	4.7970242928e+1
347.31	47.971624162	4.7971624162e+1
347.32	47.973005395	4.7973005395e+1
347.33	47.974386629	4.7974386629e+1
347.34	47.975767862	4.7975767862e+1
347.35	47.977149096	4.7977149096e+1
347.36	47.97853033	4.797853033e+1
347.37	47.979911563	4.7979911563e+1
347.38	47.981292797	4.7981292797e+1
347.39	47.98267403	4.798267403e+1
347.4	47.984055264	4.7984055264e+1
347.41	47.985436498	4.7985436498e+1
347.42	47.986817731	4.7986817731e+1
347.43	47.988198965	4.7988198965e+1
347.44	47.989580198	4.7989580198e+1
347.45	47.990961432	4.7990961432e+1
347.46	47.992342666	4.7992342666e+1

347.47	47.993723899	4.7993723899e+1
347.48	47.995105133	4.7995105133e+1
347.49	47.996486366	4.7996486366e+1
347.5	47.9978676	4.79978676e+1
347.51	47.999248834	4.7999248834e+1
347.52	48.000630067	4.8000630067e+1
347.53	48.002011301	4.8002011301e+1
347.54	48.003392534	4.8003392534e+1
347.55	48.004773768	4.8004773768e+1
347.56	48.006155002	4.8006155002e+1
347.57	48.007536235	4.8007536235e+1
347.58	48.008917469	4.8008917469e+1
347.59	48.010298702	4.8010298702e+1
347.6	48.011679936	4.8011679936e+1
347.61	48.01306117	4.801306117e+1
347.62	48.014442403	4.8014442403e+1
347.63	48.015823637	4.8015823637e+1
347.64	48.01720487	4.801720487e+1
347.65	48.018586104	4.8018586104e+1
347.66	48.019967338	4.8019967338e+1
347.67	48.021348571	4.8021348571e+1
347.68	48.022729805	4.8022729805e+1
347.69	48.024111038	4.8024111038e+1
347.7	48.025492272	4.8025492272e+1
347.71	48.026873506	4.8026873506e+1
347.72	48.028254739	4.8028254739e+1
347.73	48.029635973	4.8029635973e+1
347.74	48.031017206	4.8031017206e+1
347.75	48.03239844	4.803239844e+1
347.76	48.033779674	4.8033779674e+1
347.77	48.035160907	4.8035160907e+1
347.78	48.036542141	4.8036542141e+1
347.79	48.037923374	4.8037923374e+1
347.8	48.039304608	4.8039304608e+1
347.81	48.040685842	4.8040685842e+1
347.82	48.042067075	4.8042067075e+1
347.83	48.043448309	4.8043448309e+1
347.84	48.044829542	4.8044829542e+1

347.85	48.046210776	4.8046210776e+1
347.86	48.04759201	4.804759201e+1
347.87	48.048973243	4.8048973243e+1
347.88	48.050354477	4.8050354477e+1
347.89	48.05173571	4.805173571e+1
347.9	48.053116944	4.8053116944e+1
347.91	48.054498178	4.8054498178e+1
347.92	48.055879411	4.8055879411e+1
347.93	48.057260645	4.8057260645e+1
347.94	48.058641878	4.8058641878e+1
347.95	48.060023112	4.8060023112e+1
347.96	48.061404346	4.8061404346e+1
347.97	48.062785579	4.8062785579e+1
347.98	48.064166813	4.8064166813e+1
347.99	48.065548046	4.8065548046e+1
348	48.06692928	4.806692928e+1
348.01	48.068310514	4.8068310514e+1
348.02	48.069691747	4.8069691747e+1
348.03	48.071072981	4.8071072981e+1
348.04	48.072454214	4.8072454214e+1
348.05	48.073835448	4.8073835448e+1
348.06	48.075216682	4.8075216682e+1
348.07	48.076597915	4.8076597915e+1
348.08	48.077979149	4.8077979149e+1
348.09	48.079360382	4.8079360382e+1
348.1	48.080741616	4.8080741616e+1
348.11	48.08212285	4.808212285e+1
348.12	48.083504083	4.8083504083e+1
348.13	48.084885317	4.8084885317e+1
348.14	48.08626655	4.808626655e+1
348.15	48.087647784	4.8087647784e+1
348.16	48.089029018	4.8089029018e+1
348.17	48.090410251	4.8090410251e+1
348.18	48.091791485	4.8091791485e+1
348.19	48.093172718	4.8093172718e+1
348.2	48.094553952	4.8094553952e+1
348.21	48.095935186	4.8095935186e+1
348.22	48.097316419	4.8097316419e+1

348.23	48.098697653	4.8098697653e+1
348.24	48.100078886	4.8100078886e+1
348.25	48.10146012	4.810146012e+1
348.26	48.102841354	4.8102841354e+1
348.27	48.104222587	4.8104222587e+1
348.28	48.105603821	4.8105603821e+1
348.29	48.106985054	4.8106985054e+1
348.3	48.108366288	4.8108366288e+1
348.31	48.109747522	4.8109747522e+1
348.32	48.111128755	4.8111128755e+1
348.33	48.112509989	4.8112509989e+1
348.34	48.113891222	4.8113891222e+1
348.35	48.115272456	4.8115272456e+1
348.36	48.11665369	4.811665369e+1
348.37	48.118034923	4.8118034923e+1
348.38	48.119416157	4.8119416157e+1
348.39	48.12079739	4.812079739e+1
348.4	48.122178624	4.8122178624e+1
348.41	48.123559858	4.8123559858e+1
348.42	48.124941091	4.8124941091e+1
348.43	48.126322325	4.8126322325e+1
348.44	48.127703558	4.8127703558e+1
348.45	48.129084792	4.8129084792e+1
348.46	48.130466026	4.8130466026e+1
348.47	48.131847259	4.8131847259e+1
348.48	48.133228493	4.8133228493e+1
348.49	48.134609726	4.8134609726e+1
348.5	48.13599096	4.813599096e+1
348.51	48.137372194	4.8137372194e+1
348.52	48.138753427	4.8138753427e+1
348.53	48.140134661	4.8140134661e+1
348.54	48.141515894	4.8141515894e+1
348.55	48.142897128	4.8142897128e+1
348.56	48.144278362	4.8144278362e+1
348.57	48.145659595	4.8145659595e+1
348.58	48.147040829	4.8147040829e+1
348.59	48.148422062	4.8148422062e+1
348.6	48.149803296	4.8149803296e+1

348.61	48.15118453	4.815118453e+1
348.62	48.152565763	4.8152565763e+1
348.63	48.153946997	4.8153946997e+1
348.64	48.15532823	4.815532823e+1
348.65	48.156709464	4.8156709464e+1
348.66	48.158090698	4.8158090698e+1
348.67	48.159471931	4.8159471931e+1
348.68	48.160853165	4.8160853165e+1
348.69	48.162234398	4.8162234398e+1
348.7	48.163615632	4.8163615632e+1
348.71	48.164996866	4.8164996866e+1
348.72	48.166378099	4.8166378099e+1
348.73	48.167759333	4.8167759333e+1
348.74	48.169140566	4.8169140566e+1
348.75	48.1705218	4.81705218e+1
348.76	48.171903034	4.8171903034e+1
348.77	48.173284267	4.8173284267e+1
348.78	48.174665501	4.8174665501e+1
348.79	48.176046734	4.8176046734e+1
348.8	48.177427968	4.8177427968e+1
348.81	48.178809202	4.8178809202e+1
348.82	48.180190435	4.8180190435e+1
348.83	48.181571669	4.8181571669e+1
348.84	48.182952902	4.8182952902e+1
348.85	48.184334136	4.8184334136e+1
348.86	48.18571537	4.818571537e+1
348.87	48.187096603	4.8187096603e+1
348.88	48.188477837	4.8188477837e+1
348.89	48.18985907	4.818985907e+1
348.9	48.191240304	4.8191240304e+1
348.91	48.192621538	4.8192621538e+1
348.92	48.194002771	4.8194002771e+1
348.93	48.195384005	4.8195384005e+1
348.94	48.196765238	4.8196765238e+1
348.95	48.198146472	4.8198146472e+1
348.96	48.199527706	4.8199527706e+1
348.97	48.200908939	4.8200908939e+1
348.98	48.202290173	4.8202290173e+1

348.99	48.203671406	4.8203671406e+1
349	48.20505264	4.820505264e+1
349.01	48.206433874	4.8206433874e+1
349.02	48.207815107	4.8207815107e+1
349.03	48.209196341	4.8209196341e+1
349.04	48.210577574	4.8210577574e+1
349.05	48.211958808	4.8211958808e+1
349.06	48.213340042	4.8213340042e+1
349.07	48.214721275	4.8214721275e+1
349.08	48.216102509	4.8216102509e+1
349.09	48.217483742	4.8217483742e+1
349.1	48.218864976	4.8218864976e+1
349.11	48.22024621	4.822024621e+1
349.12	48.221627443	4.8221627443e+1
349.13	48.223008677	4.8223008677e+1
349.14	48.22438991	4.822438991e+1
349.15	48.225771144	4.8225771144e+1
349.16	48.227152378	4.8227152378e+1
349.17	48.228533611	4.8228533611e+1
349.18	48.229914845	4.8229914845e+1
349.19	48.231296078	4.8231296078e+1
349.2	48.232677312	4.8232677312e+1
349.21	48.234058546	4.8234058546e+1
349.22	48.235439779	4.8235439779e+1
349.23	48.236821013	4.8236821013e+1
349.24	48.238202246	4.8238202246e+1
349.25	48.23958348	4.823958348e+1
349.26	48.240964714	4.8240964714e+1
349.27	48.242345947	4.8242345947e+1
349.28	48.243727181	4.8243727181e+1
349.29	48.245108414	4.8245108414e+1
349.3	48.246489648	4.8246489648e+1
349.31	48.247870882	4.8247870882e+1
349.32	48.249252115	4.8249252115e+1
349.33	48.250633349	4.8250633349e+1
349.34	48.252014582	4.8252014582e+1
349.35	48.253395816	4.8253395816e+1
349.36	48.25477705	4.825477705e+1

349.37	48.256158283	4.8256158283e+1
349.38	48.257539517	4.8257539517e+1
349.39	48.25892075	4.825892075e+1
349.4	48.260301984	4.8260301984e+1
349.41	48.261683218	4.8261683218e+1
349.42	48.263064451	4.8263064451e+1
349.43	48.264445685	4.8264445685e+1
349.44	48.265826918	4.8265826918e+1
349.45	48.267208152	4.8267208152e+1
349.46	48.268589386	4.8268589386e+1
349.47	48.269970619	4.8269970619e+1
349.48	48.271351853	4.8271351853e+1
349.49	48.272733086	4.8272733086e+1
349.5	48.27411432	4.827411432e+1
349.51	48.275495554	4.8275495554e+1
349.52	48.276876787	4.8276876787e+1
349.53	48.278258021	4.8278258021e+1
349.54	48.279639254	4.8279639254e+1
349.55	48.281020488	4.8281020488e+1
349.56	48.282401722	4.8282401722e+1
349.57	48.283782955	4.8283782955e+1
349.58	48.285164189	4.8285164189e+1
349.59	48.286545422	4.8286545422e+1
349.6	48.287926656	4.8287926656e+1
349.61	48.28930789	4.828930789e+1
349.62	48.290689123	4.8290689123e+1
349.63	48.292070357	4.8292070357e+1
349.64	48.29345159	4.829345159e+1
349.65	48.294832824	4.8294832824e+1
349.66	48.296214058	4.8296214058e+1
349.67	48.297595291	4.8297595291e+1
349.68	48.298976525	4.8298976525e+1
349.69	48.300357758	4.8300357758e+1
349.7	48.301738992	4.8301738992e+1
349.71	48.303120226	4.8303120226e+1
349.72	48.304501459	4.8304501459e+1
349.73	48.305882693	4.8305882693e+1
349.74	48.307263926	4.8307263926e+1

349.75	48.30864516	4.830864516e+1
349.76	48.310026394	4.8310026394e+1
349.77	48.311407627	4.8311407627e+1
349.78	48.312788861	4.8312788861e+1
349.79	48.314170094	4.8314170094e+1
349.8	48.315551328	4.8315551328e+1
349.81	48.316932562	4.8316932562e+1
349.82	48.318313795	4.8318313795e+1
349.83	48.319695029	4.8319695029e+1
349.84	48.321076262	4.8321076262e+1
349.85	48.322457496	4.8322457496e+1
349.86	48.32383873	4.832383873e+1
349.87	48.325219963	4.8325219963e+1
349.88	48.326601197	4.8326601197e+1
349.89	48.32798243	4.832798243e+1
349.9	48.329363664	4.8329363664e+1
349.91	48.330744898	4.8330744898e+1
349.92	48.332126131	4.8332126131e+1
349.93	48.333507365	4.8333507365e+1
349.94	48.334888598	4.8334888598e+1
349.95	48.336269832	4.8336269832e+1
349.96	48.337651066	4.8337651066e+1
349.97	48.339032299	4.8339032299e+1
349.98	48.340413533	4.8340413533e+1
349.99	48.341794766	4.8341794766e+1
350	48.343176	4.8343176e+1
350.01	48.344557234	4.8344557234e+1
350.02	48.345938467	4.8345938467e+1
350.03	48.347319701	4.8347319701e+1
350.04	48.348700934	4.8348700934e+1
350.05	48.350082168	4.8350082168e+1
350.06	48.351463402	4.8351463402e+1
350.07	48.352844635	4.8352844635e+1
350.08	48.354225869	4.8354225869e+1
350.09	48.355607102	4.8355607102e+1
350.1	48.356988336	4.8356988336e+1
350.11	48.35836957	4.835836957e+1
350.12	48.359750803	4.8359750803e+1

350.13	48.361132037	4.8361132037e+1
350.14	48.36251327	4.836251327e+1
350.15	48.363894504	4.8363894504e+1
350.16	48.365275738	4.8365275738e+1
350.17	48.366656971	4.8366656971e+1
350.18	48.368038205	4.8368038205e+1
350.19	48.369419438	4.8369419438e+1
350.2	48.370800672	4.8370800672e+1
350.21	48.372181906	4.8372181906e+1
350.22	48.373563139	4.8373563139e+1
350.23	48.374944373	4.8374944373e+1
350.24	48.376325606	4.8376325606e+1
350.25	48.37770684	4.837770684e+1
350.26	48.379088074	4.8379088074e+1
350.27	48.380469307	4.8380469307e+1
350.28	48.381850541	4.8381850541e+1
350.29	48.383231774	4.8383231774e+1
350.3	48.384613008	4.8384613008e+1
350.31	48.385994242	4.8385994242e+1
350.32	48.387375475	4.8387375475e+1
350.33	48.388756709	4.8388756709e+1
350.34	48.390137942	4.8390137942e+1
350.35	48.391519176	4.8391519176e+1
350.36	48.39290041	4.839290041e+1
350.37	48.394281643	4.8394281643e+1
350.38	48.395662877	4.8395662877e+1
350.39	48.39704411	4.839704411e+1
350.4	48.398425344	4.8398425344e+1
350.41	48.399806578	4.8399806578e+1
350.42	48.401187811	4.8401187811e+1
350.43	48.402569045	4.8402569045e+1
350.44	48.403950278	4.8403950278e+1
350.45	48.405331512	4.8405331512e+1
350.46	48.406712746	4.8406712746e+1
350.47	48.408093979	4.8408093979e+1
350.48	48.409475213	4.8409475213e+1
350.49	48.410856446	4.8410856446e+1
350.5	48.41223768	4.841223768e+1

350.51	48.413618914	4.8413618914e+1
350.52	48.415000147	4.8415000147e+1
350.53	48.416381381	4.8416381381e+1
350.54	48.417762614	4.8417762614e+1
350.55	48.419143848	4.8419143848e+1
350.56	48.420525082	4.8420525082e+1
350.57	48.421906315	4.8421906315e+1
350.58	48.423287549	4.8423287549e+1
350.59	48.424668782	4.8424668782e+1
350.6	48.426050016	4.8426050016e+1
350.61	48.42743125	4.842743125e+1
350.62	48.428812483	4.8428812483e+1
350.63	48.430193717	4.8430193717e+1
350.64	48.43157495	4.843157495e+1
350.65	48.432956184	4.8432956184e+1
350.66	48.434337418	4.8434337418e+1
350.67	48.435718651	4.8435718651e+1
350.68	48.437099885	4.8437099885e+1
350.69	48.438481118	4.8438481118e+1
350.7	48.439862352	4.8439862352e+1
350.71	48.441243586	4.8441243586e+1
350.72	48.442624819	4.8442624819e+1
350.73	48.444006053	4.8444006053e+1
350.74	48.445387286	4.8445387286e+1
350.75	48.44676852	4.844676852e+1
350.76	48.448149754	4.8448149754e+1
350.77	48.449530987	4.8449530987e+1
350.78	48.450912221	4.8450912221e+1
350.79	48.452293454	4.8452293454e+1
350.8	48.453674688	4.8453674688e+1
350.81	48.455055922	4.8455055922e+1
350.82	48.456437155	4.8456437155e+1
350.83	48.457818389	4.8457818389e+1
350.84	48.459199622	4.8459199622e+1
350.85	48.460580856	4.8460580856e+1
350.86	48.46196209	4.846196209e+1
350.87	48.463343323	4.8463343323e+1
350.88	48.464724557	4.8464724557e+1

350.89	48.46610579	4.846610579e+1
350.9	48.467487024	4.8467487024e+1
350.91	48.468868258	4.8468868258e+1
350.92	48.470249491	4.8470249491e+1
350.93	48.471630725	4.8471630725e+1
350.94	48.473011958	4.8473011958e+1
350.95	48.474393192	4.8474393192e+1
350.96	48.475774426	4.8475774426e+1
350.97	48.477155659	4.8477155659e+1
350.98	48.478536893	4.8478536893e+1
350.99	48.479918126	4.8479918126e+1
351	48.48129936	4.848129936e+1
351.01	48.482680594	4.8482680594e+1
351.02	48.484061827	4.8484061827e+1
351.03	48.485443061	4.8485443061e+1
351.04	48.486824294	4.8486824294e+1
351.05	48.488205528	4.8488205528e+1
351.06	48.489586762	4.8489586762e+1
351.07	48.490967995	4.8490967995e+1
351.08	48.492349229	4.8492349229e+1
351.09	48.493730462	4.8493730462e+1
351.1	48.495111696	4.8495111696e+1
351.11	48.49649293	4.849649293e+1
351.12	48.497874163	4.8497874163e+1
351.13	48.499255397	4.8499255397e+1
351.14	48.50063663	4.850063663e+1
351.15	48.502017864	4.8502017864e+1
351.16	48.503399098	4.8503399098e+1
351.17	48.504780331	4.8504780331e+1
351.18	48.506161565	4.8506161565e+1
351.19	48.507542798	4.8507542798e+1
351.2	48.508924032	4.8508924032e+1
351.21	48.510305266	4.8510305266e+1
351.22	48.511686499	4.8511686499e+1
351.23	48.513067733	4.8513067733e+1
351.24	48.514448966	4.8514448966e+1
351.25	48.5158302	4.85158302e+1
351.26	48.517211434	4.8517211434e+1

351.27	48.518592667	4.8518592667e+1
351.28	48.519973901	4.8519973901e+1
351.29	48.521355134	4.8521355134e+1
351.3	48.522736368	4.8522736368e+1
351.31	48.524117602	4.8524117602e+1
351.32	48.525498835	4.8525498835e+1
351.33	48.526880069	4.8526880069e+1
351.34	48.528261302	4.8528261302e+1
351.35	48.529642536	4.8529642536e+1
351.36	48.53102377	4.853102377e+1
351.37	48.532405003	4.8532405003e+1
351.38	48.533786237	4.8533786237e+1
351.39	48.53516747	4.853516747e+1
351.4	48.536548704	4.8536548704e+1
351.41	48.537929938	4.8537929938e+1
351.42	48.539311171	4.8539311171e+1
351.43	48.540692405	4.8540692405e+1
351.44	48.542073638	4.8542073638e+1
351.45	48.543454872	4.8543454872e+1
351.46	48.544836106	4.8544836106e+1
351.47	48.546217339	4.8546217339e+1
351.48	48.547598573	4.8547598573e+1
351.49	48.548979806	4.8548979806e+1
351.5	48.55036104	4.855036104e+1
351.51	48.551742274	4.8551742274e+1
351.52	48.553123507	4.8553123507e+1
351.53	48.554504741	4.8554504741e+1
351.54	48.555885974	4.8555885974e+1
351.55	48.557267208	4.8557267208e+1
351.56	48.558648442	4.8558648442e+1
351.57	48.560029675	4.8560029675e+1
351.58	48.561410909	4.8561410909e+1
351.59	48.562792142	4.8562792142e+1
351.6	48.564173376	4.8564173376e+1
351.61	48.56555461	4.856555461e+1
351.62	48.566935843	4.8566935843e+1
351.63	48.568317077	4.8568317077e+1
351.64	48.56969831	4.856969831e+1

351.65	48.571079544	4.8571079544e+1
351.66	48.572460778	4.8572460778e+1
351.67	48.573842011	4.8573842011e+1
351.68	48.575223245	4.8575223245e+1
351.69	48.576604478	4.8576604478e+1
351.7	48.577985712	4.8577985712e+1
351.71	48.579366946	4.8579366946e+1
351.72	48.580748179	4.8580748179e+1
351.73	48.582129413	4.8582129413e+1
351.74	48.583510646	4.8583510646e+1
351.75	48.58489188	4.858489188e+1
351.76	48.586273114	4.8586273114e+1
351.77	48.587654347	4.8587654347e+1
351.78	48.589035581	4.8589035581e+1
351.79	48.590416814	4.8590416814e+1
351.8	48.591798048	4.8591798048e+1
351.81	48.593179282	4.8593179282e+1
351.82	48.594560515	4.8594560515e+1
351.83	48.595941749	4.8595941749e+1
351.84	48.597322982	4.8597322982e+1
351.85	48.598704216	4.8598704216e+1
351.86	48.60008545	4.860008545e+1
351.87	48.601466683	4.8601466683e+1
351.88	48.602847917	4.8602847917e+1
351.89	48.60422915	4.860422915e+1
351.9	48.605610384	4.8605610384e+1
351.91	48.606991618	4.8606991618e+1
351.92	48.608372851	4.8608372851e+1
351.93	48.609754085	4.8609754085e+1
351.94	48.611135318	4.8611135318e+1
351.95	48.612516552	4.8612516552e+1
351.96	48.613897786	4.8613897786e+1
351.97	48.615279019	4.8615279019e+1
351.98	48.616660253	4.8616660253e+1
351.99	48.618041486	4.8618041486e+1
352	48.61942272	4.861942272e+1
352.01	48.620803954	4.8620803954e+1
352.02	48.622185187	4.8622185187e+1

352.03	48.623566421	4.8623566421e+1
352.04	48.624947654	4.8624947654e+1
352.05	48.626328888	4.8626328888e+1
352.06	48.627710122	4.8627710122e+1
352.07	48.629091355	4.8629091355e+1
352.08	48.630472589	4.8630472589e+1
352.09	48.631853822	4.8631853822e+1
352.1	48.633235056	4.8633235056e+1
352.11	48.63461629	4.863461629e+1
352.12	48.635997523	4.8635997523e+1
352.13	48.637378757	4.8637378757e+1
352.14	48.63875999	4.863875999e+1
352.15	48.640141224	4.8640141224e+1
352.16	48.641522458	4.8641522458e+1
352.17	48.642903691	4.8642903691e+1
352.18	48.644284925	4.8644284925e+1
352.19	48.645666158	4.8645666158e+1
352.2	48.647047392	4.8647047392e+1
352.21	48.648428626	4.8648428626e+1
352.22	48.649809859	4.8649809859e+1
352.23	48.651191093	4.8651191093e+1
352.24	48.652572326	4.8652572326e+1
352.25	48.65395356	4.865395356e+1
352.26	48.655334794	4.8655334794e+1
352.27	48.656716027	4.8656716027e+1
352.28	48.658097261	4.8658097261e+1
352.29	48.659478494	4.8659478494e+1
352.3	48.660859728	4.8660859728e+1
352.31	48.662240962	4.8662240962e+1
352.32	48.663622195	4.8663622195e+1
352.33	48.665003429	4.8665003429e+1
352.34	48.666384662	4.8666384662e+1
352.35	48.667765896	4.8667765896e+1
352.36	48.66914713	4.866914713e+1
352.37	48.670528363	4.8670528363e+1
352.38	48.671909597	4.8671909597e+1
352.39	48.67329083	4.867329083e+1
352.4	48.674672064	4.8674672064e+1

352.41	48.676053298	4.8676053298e+1
352.42	48.677434531	4.8677434531e+1
352.43	48.678815765	4.8678815765e+1
352.44	48.680196998	4.8680196998e+1
352.45	48.681578232	4.8681578232e+1
352.46	48.682959466	4.8682959466e+1
352.47	48.684340699	4.8684340699e+1
352.48	48.685721933	4.8685721933e+1
352.49	48.687103166	4.8687103166e+1
352.5	48.6884844	4.86884844e+1
352.51	48.689865634	4.8689865634e+1
352.52	48.691246867	4.8691246867e+1
352.53	48.692628101	4.8692628101e+1
352.54	48.694009334	4.8694009334e+1
352.55	48.695390568	4.8695390568e+1
352.56	48.696771802	4.8696771802e+1
352.57	48.698153035	4.8698153035e+1
352.58	48.699534269	4.8699534269e+1
352.59	48.700915502	4.8700915502e+1
352.6	48.702296736	4.8702296736e+1
352.61	48.70367797	4.870367797e+1
352.62	48.705059203	4.8705059203e+1
352.63	48.706440437	4.8706440437e+1
352.64	48.70782167	4.870782167e+1
352.65	48.709202904	4.8709202904e+1
352.66	48.710584138	4.8710584138e+1
352.67	48.711965371	4.8711965371e+1
352.68	48.713346605	4.8713346605e+1
352.69	48.714727838	4.8714727838e+1
352.7	48.716109072	4.8716109072e+1
352.71	48.717490306	4.8717490306e+1
352.72	48.718871539	4.8718871539e+1
352.73	48.720252773	4.8720252773e+1
352.74	48.721634006	4.8721634006e+1
352.75	48.72301524	4.872301524e+1
352.76	48.724396474	4.8724396474e+1
352.77	48.725777707	4.8725777707e+1
352.78	48.727158941	4.8727158941e+1

352.79	48.728540174	4.8728540174e+1
352.8	48.729921408	4.8729921408e+1
352.81	48.731302642	4.8731302642e+1
352.82	48.732683875	4.8732683875e+1
352.83	48.734065109	4.8734065109e+1
352.84	48.735446342	4.8735446342e+1
352.85	48.736827576	4.8736827576e+1
352.86	48.73820881	4.873820881e+1
352.87	48.739590043	4.8739590043e+1
352.88	48.740971277	4.8740971277e+1
352.89	48.74235251	4.874235251e+1
352.9	48.743733744	4.8743733744e+1
352.91	48.745114978	4.8745114978e+1
352.92	48.746496211	4.8746496211e+1
352.93	48.747877445	4.8747877445e+1
352.94	48.749258678	4.8749258678e+1
352.95	48.750639912	4.8750639912e+1
352.96	48.752021146	4.8752021146e+1
352.97	48.753402379	4.8753402379e+1
352.98	48.754783613	4.8754783613e+1
352.99	48.756164846	4.8756164846e+1
353	48.75754608	4.875754608e+1
353.01	48.758927314	4.8758927314e+1
353.02	48.760308547	4.8760308547e+1
353.03	48.761689781	4.8761689781e+1
353.04	48.763071014	4.8763071014e+1
353.05	48.764452248	4.8764452248e+1
353.06	48.765833482	4.8765833482e+1
353.07	48.767214715	4.8767214715e+1
353.08	48.768595949	4.8768595949e+1
353.09	48.769977182	4.8769977182e+1
353.1	48.771358416	4.8771358416e+1
353.11	48.77273965	4.877273965e+1
353.12	48.774120883	4.8774120883e+1
353.13	48.775502117	4.8775502117e+1
353.14	48.77688335	4.877688335e+1
353.15	48.778264584	4.8778264584e+1
353.16	48.779645818	4.8779645818e+1

353.17	48.781027051	4.8781027051e+1
353.18	48.782408285	4.8782408285e+1
353.19	48.783789518	4.8783789518e+1
353.2	48.785170752	4.8785170752e+1
353.21	48.786551986	4.8786551986e+1
353.22	48.787933219	4.8787933219e+1
353.23	48.789314453	4.8789314453e+1
353.24	48.790695686	4.8790695686e+1
353.25	48.79207692	4.879207692e+1
353.26	48.793458154	4.8793458154e+1
353.27	48.794839387	4.8794839387e+1
353.28	48.796220621	4.8796220621e+1
353.29	48.797601854	4.8797601854e+1
353.3	48.798983088	4.8798983088e+1
353.31	48.800364322	4.8800364322e+1
353.32	48.801745555	4.8801745555e+1
353.33	48.803126789	4.8803126789e+1
353.34	48.804508022	4.8804508022e+1
353.35	48.805889256	4.8805889256e+1
353.36	48.80727049	4.880727049e+1
353.37	48.808651723	4.8808651723e+1
353.38	48.810032957	4.8810032957e+1
353.39	48.81141419	4.881141419e+1
353.4	48.812795424	4.8812795424e+1
353.41	48.814176658	4.8814176658e+1
353.42	48.815557891	4.8815557891e+1
353.43	48.816939125	4.8816939125e+1
353.44	48.818320358	4.8818320358e+1
353.45	48.819701592	4.8819701592e+1
353.46	48.821082826	4.8821082826e+1
353.47	48.822464059	4.8822464059e+1
353.48	48.823845293	4.8823845293e+1
353.49	48.825226526	4.8825226526e+1
353.5	48.82660776	4.882660776e+1
353.51	48.827988994	4.8827988994e+1
353.52	48.829370227	4.8829370227e+1
353.53	48.830751461	4.8830751461e+1
353.54	48.832132694	4.8832132694e+1

353.55	48.833513928	4.8833513928e+1
353.56	48.834895162	4.8834895162e+1
353.57	48.836276395	4.8836276395e+1
353.58	48.837657629	4.8837657629e+1
353.59	48.839038862	4.8839038862e+1
353.6	48.840420096	4.8840420096e+1
353.61	48.84180133	4.884180133e+1
353.62	48.843182563	4.8843182563e+1
353.63	48.844563797	4.8844563797e+1
353.64	48.84594503	4.884594503e+1
353.65	48.847326264	4.8847326264e+1
353.66	48.848707498	4.8848707498e+1
353.67	48.850088731	4.8850088731e+1
353.68	48.851469965	4.8851469965e+1
353.69	48.852851198	4.8852851198e+1
353.7	48.854232432	4.8854232432e+1
353.71	48.855613666	4.8855613666e+1
353.72	48.856994899	4.8856994899e+1
353.73	48.858376133	4.8858376133e+1
353.74	48.859757366	4.8859757366e+1
353.75	48.8611386	4.88611386e+1
353.76	48.862519834	4.8862519834e+1
353.77	48.863901067	4.8863901067e+1
353.78	48.865282301	4.8865282301e+1
353.79	48.866663534	4.8866663534e+1
353.8	48.868044768	4.8868044768e+1
353.81	48.869426002	4.8869426002e+1
353.82	48.870807235	4.8870807235e+1
353.83	48.872188469	4.8872188469e+1
353.84	48.873569702	4.8873569702e+1
353.85	48.874950936	4.8874950936e+1
353.86	48.87633217	4.887633217e+1
353.87	48.877713403	4.8877713403e+1
353.88	48.879094637	4.8879094637e+1
353.89	48.88047587	4.888047587e+1
353.9	48.881857104	4.8881857104e+1
353.91	48.883238338	4.8883238338e+1
353.92	48.884619571	4.8884619571e+1

353.93	48.886000805	4.8886000805e+1
353.94	48.887382038	4.8887382038e+1
353.95	48.888763272	4.8888763272e+1
353.96	48.890144506	4.8890144506e+1
353.97	48.891525739	4.8891525739e+1
353.98	48.892906973	4.8892906973e+1
353.99	48.894288206	4.8894288206e+1
354	48.89566944	4.889566944e+1
354.01	48.897050674	4.8897050674e+1
354.02	48.898431907	4.8898431907e+1
354.03	48.899813141	4.8899813141e+1
354.04	48.901194374	4.8901194374e+1
354.05	48.902575608	4.8902575608e+1
354.06	48.903956842	4.8903956842e+1
354.07	48.905338075	4.8905338075e+1
354.08	48.906719309	4.8906719309e+1
354.09	48.908100542	4.8908100542e+1
354.1	48.909481776	4.8909481776e+1
354.11	48.91086301	4.891086301e+1
354.12	48.912244243	4.8912244243e+1
354.13	48.913625477	4.8913625477e+1
354.14	48.91500671	4.891500671e+1
354.15	48.916387944	4.8916387944e+1
354.16	48.917769178	4.8917769178e+1
354.17	48.919150411	4.8919150411e+1
354.18	48.920531645	4.8920531645e+1
354.19	48.921912878	4.8921912878e+1
354.2	48.923294112	4.8923294112e+1
354.21	48.924675346	4.8924675346e+1
354.22	48.926056579	4.8926056579e+1
354.23	48.927437813	4.8927437813e+1
354.24	48.928819046	4.8928819046e+1
354.25	48.93020028	4.893020028e+1
354.26	48.931581514	4.8931581514e+1
354.27	48.932962747	4.8932962747e+1
354.28	48.934343981	4.8934343981e+1
354.29	48.935725214	4.8935725214e+1
354.3	48.937106448	4.8937106448e+1

354.31	48.938487682	4.8938487682e+1
354.32	48.939868915	4.8939868915e+1
354.33	48.941250149	4.8941250149e+1
354.34	48.942631382	4.8942631382e+1
354.35	48.944012616	4.8944012616e+1
354.36	48.94539385	4.894539385e+1
354.37	48.946775083	4.8946775083e+1
354.38	48.948156317	4.8948156317e+1
354.39	48.94953755	4.894953755e+1
354.4	48.950918784	4.8950918784e+1
354.41	48.952300018	4.8952300018e+1
354.42	48.953681251	4.8953681251e+1
354.43	48.955062485	4.8955062485e+1
354.44	48.956443718	4.8956443718e+1
354.45	48.957824952	4.8957824952e+1
354.46	48.959206186	4.8959206186e+1
354.47	48.960587419	4.8960587419e+1
354.48	48.961968653	4.8961968653e+1
354.49	48.963349886	4.8963349886e+1
354.5	48.96473112	4.896473112e+1
354.51	48.966112354	4.8966112354e+1
354.52	48.967493587	4.8967493587e+1
354.53	48.968874821	4.8968874821e+1
354.54	48.970256054	4.8970256054e+1
354.55	48.971637288	4.8971637288e+1
354.56	48.973018522	4.8973018522e+1
354.57	48.974399755	4.8974399755e+1
354.58	48.975780989	4.8975780989e+1
354.59	48.977162222	4.8977162222e+1
354.6	48.978543456	4.8978543456e+1
354.61	48.97992469	4.897992469e+1
354.62	48.981305923	4.8981305923e+1
354.63	48.982687157	4.8982687157e+1
354.64	48.98406839	4.898406839e+1
354.65	48.985449624	4.8985449624e+1
354.66	48.986830858	4.8986830858e+1
354.67	48.988212091	4.8988212091e+1
354.68	48.989593325	4.8989593325e+1

354.69	48.990974558	4.8990974558e+1
354.7	48.992355792	4.8992355792e+1
354.71	48.993737026	4.8993737026e+1
354.72	48.995118259	4.8995118259e+1
354.73	48.996499493	4.8996499493e+1
354.74	48.997880726	4.8997880726e+1
354.75	48.99926196	4.899926196e+1
354.76	49.000643194	4.9000643194e+1
354.77	49.002024427	4.9002024427e+1
354.78	49.003405661	4.9003405661e+1
354.79	49.004786894	4.9004786894e+1
354.8	49.006168128	4.9006168128e+1
354.81	49.007549362	4.9007549362e+1
354.82	49.008930595	4.9008930595e+1
354.83	49.010311829	4.9010311829e+1
354.84	49.011693062	4.9011693062e+1
354.85	49.013074296	4.9013074296e+1
354.86	49.01445553	4.901445553e+1
354.87	49.015836763	4.9015836763e+1
354.88	49.017217997	4.9017217997e+1
354.89	49.01859923	4.901859923e+1
354.9	49.019980464	4.9019980464e+1
354.91	49.021361698	4.9021361698e+1
354.92	49.022742931	4.9022742931e+1
354.93	49.024124165	4.9024124165e+1
354.94	49.025505398	4.9025505398e+1
354.95	49.026886632	4.9026886632e+1
354.96	49.028267866	4.9028267866e+1
354.97	49.029649099	4.9029649099e+1
354.98	49.031030333	4.9031030333e+1
354.99	49.032411566	4.9032411566e+1
355	49.0337928	4.90337928e+1
355.01	49.035174034	4.9035174034e+1
355.02	49.036555267	4.9036555267e+1
355.03	49.037936501	4.9037936501e+1
355.04	49.039317734	4.9039317734e+1
355.05	49.040698968	4.9040698968e+1
355.06	49.042080202	4.9042080202e+1

355.07	49.043461435	4.9043461435e+1
355.08	49.044842669	4.9044842669e+1
355.09	49.046223902	4.9046223902e+1
355.1	49.047605136	4.9047605136e+1
355.11	49.04898637	4.904898637e+1
355.12	49.050367603	4.9050367603e+1
355.13	49.051748837	4.9051748837e+1
355.14	49.05313007	4.905313007e+1
355.15	49.054511304	4.9054511304e+1
355.16	49.055892538	4.9055892538e+1
355.17	49.057273771	4.9057273771e+1
355.18	49.058655005	4.9058655005e+1
355.19	49.060036238	4.9060036238e+1
355.2	49.061417472	4.9061417472e+1
355.21	49.062798706	4.9062798706e+1
355.22	49.064179939	4.9064179939e+1
355.23	49.065561173	4.9065561173e+1
355.24	49.066942406	4.9066942406e+1
355.25	49.06832364	4.906832364e+1
355.26	49.069704874	4.9069704874e+1
355.27	49.071086107	4.9071086107e+1
355.28	49.072467341	4.9072467341e+1
355.29	49.073848574	4.9073848574e+1
355.3	49.075229808	4.9075229808e+1
355.31	49.076611042	4.9076611042e+1
355.32	49.077992275	4.9077992275e+1
355.33	49.079373509	4.9079373509e+1
355.34	49.080754742	4.9080754742e+1
355.35	49.082135976	4.9082135976e+1
355.36	49.08351721	4.908351721e+1
355.37	49.084898443	4.9084898443e+1
355.38	49.086279677	4.9086279677e+1
355.39	49.08766091	4.908766091e+1
355.4	49.089042144	4.9089042144e+1
355.41	49.090423378	4.9090423378e+1
355.42	49.091804611	4.9091804611e+1
355.43	49.093185845	4.9093185845e+1
355.44	49.094567078	4.9094567078e+1

355.45	49.095948312	4.9095948312e+1
355.46	49.097329546	4.9097329546e+1
355.47	49.098710779	4.9098710779e+1
355.48	49.100092013	4.9100092013e+1
355.49	49.101473246	4.9101473246e+1
355.5	49.10285448	4.910285448e+1
355.51	49.104235714	4.9104235714e+1
355.52	49.105616947	4.9105616947e+1
355.53	49.106998181	4.9106998181e+1
355.54	49.108379414	4.9108379414e+1
355.55	49.109760648	4.9109760648e+1
355.56	49.111141882	4.9111141882e+1
355.57	49.112523115	4.9112523115e+1
355.58	49.113904349	4.9113904349e+1
355.59	49.115285582	4.9115285582e+1
355.6	49.116666816	4.9116666816e+1
355.61	49.11804805	4.911804805e+1
355.62	49.119429283	4.9119429283e+1
355.63	49.120810517	4.9120810517e+1
355.64	49.12219175	4.912219175e+1
355.65	49.123572984	4.9123572984e+1
355.66	49.124954218	4.9124954218e+1
355.67	49.126335451	4.9126335451e+1
355.68	49.127716685	4.9127716685e+1
355.69	49.129097918	4.9129097918e+1
355.7	49.130479152	4.9130479152e+1
355.71	49.131860386	4.9131860386e+1
355.72	49.133241619	4.9133241619e+1
355.73	49.134622853	4.9134622853e+1
355.74	49.136004086	4.9136004086e+1
355.75	49.13738532	4.913738532e+1
355.76	49.138766554	4.9138766554e+1
355.77	49.140147787	4.9140147787e+1
355.78	49.141529021	4.9141529021e+1
355.79	49.142910254	4.9142910254e+1
355.8	49.144291488	4.9144291488e+1
355.81	49.145672722	4.9145672722e+1
355.82	49.147053955	4.9147053955e+1

355.83	49.148435189	4.9148435189e+1
355.84	49.149816422	4.9149816422e+1
355.85	49.151197656	4.9151197656e+1
355.86	49.15257889	4.915257889e+1
355.87	49.153960123	4.9153960123e+1
355.88	49.155341357	4.9155341357e+1
355.89	49.15672259	4.915672259e+1
355.9	49.158103824	4.9158103824e+1
355.91	49.159485058	4.9159485058e+1
355.92	49.160866291	4.9160866291e+1
355.93	49.162247525	4.9162247525e+1
355.94	49.163628758	4.9163628758e+1
355.95	49.165009992	4.9165009992e+1
355.96	49.166391226	4.9166391226e+1
355.97	49.167772459	4.9167772459e+1
355.98	49.169153693	4.9169153693e+1
355.99	49.170534926	4.9170534926e+1
356	49.17191616	4.917191616e+1
356.01	49.173297394	4.9173297394e+1
356.02	49.174678627	4.9174678627e+1
356.03	49.176059861	4.9176059861e+1
356.04	49.177441094	4.9177441094e+1
356.05	49.178822328	4.9178822328e+1
356.06	49.180203562	4.9180203562e+1
356.07	49.181584795	4.9181584795e+1
356.08	49.182966029	4.9182966029e+1
356.09	49.184347262	4.9184347262e+1
356.1	49.185728496	4.9185728496e+1
356.11	49.18710973	4.918710973e+1
356.12	49.188490963	4.9188490963e+1
356.13	49.189872197	4.9189872197e+1
356.14	49.19125343	4.919125343e+1
356.15	49.192634664	4.9192634664e+1
356.16	49.194015898	4.9194015898e+1
356.17	49.195397131	4.9195397131e+1
356.18	49.196778365	4.9196778365e+1
356.19	49.198159598	4.9198159598e+1
356.2	49.199540832	4.9199540832e+1

356.21	49.200922066	4.9200922066e+1
356.22	49.202303299	4.9202303299e+1
356.23	49.203684533	4.9203684533e+1
356.24	49.205065766	4.9205065766e+1
356.25	49.206447	4.9206447e+1
356.26	49.207828234	4.9207828234e+1
356.27	49.209209467	4.9209209467e+1
356.28	49.210590701	4.9210590701e+1
356.29	49.211971934	4.9211971934e+1
356.3	49.213353168	4.9213353168e+1
356.31	49.214734402	4.9214734402e+1
356.32	49.216115635	4.9216115635e+1
356.33	49.217496869	4.9217496869e+1
356.34	49.218878102	4.9218878102e+1
356.35	49.220259336	4.9220259336e+1
356.36	49.22164057	4.922164057e+1
356.37	49.223021803	4.9223021803e+1
356.38	49.224403037	4.9224403037e+1
356.39	49.22578427	4.922578427e+1
356.4	49.227165504	4.9227165504e+1
356.41	49.228546738	4.9228546738e+1
356.42	49.229927971	4.9229927971e+1
356.43	49.231309205	4.9231309205e+1
356.44	49.232690438	4.9232690438e+1
356.45	49.234071672	4.9234071672e+1
356.46	49.235452906	4.9235452906e+1
356.47	49.236834139	4.9236834139e+1
356.48	49.238215373	4.9238215373e+1
356.49	49.239596606	4.9239596606e+1
356.5	49.24097784	4.924097784e+1
356.51	49.242359074	4.9242359074e+1
356.52	49.243740307	4.9243740307e+1
356.53	49.245121541	4.9245121541e+1
356.54	49.246502774	4.9246502774e+1
356.55	49.247884008	4.9247884008e+1
356.56	49.249265242	4.9249265242e+1
356.57	49.250646475	4.9250646475e+1
356.58	49.252027709	4.9252027709e+1

356.59	49.253408942	4.9253408942e+1
356.6	49.254790176	4.9254790176e+1
356.61	49.25617141	4.925617141e+1
356.62	49.257552643	4.9257552643e+1
356.63	49.258933877	4.9258933877e+1
356.64	49.26031511	4.926031511e+1
356.65	49.261696344	4.9261696344e+1
356.66	49.263077578	4.9263077578e+1
356.67	49.264458811	4.9264458811e+1
356.68	49.265840045	4.9265840045e+1
356.69	49.267221278	4.9267221278e+1
356.7	49.268602512	4.9268602512e+1
356.71	49.269983746	4.9269983746e+1
356.72	49.271364979	4.9271364979e+1
356.73	49.272746213	4.9272746213e+1
356.74	49.274127446	4.9274127446e+1
356.75	49.27550868	4.927550868e+1
356.76	49.276889914	4.9276889914e+1
356.77	49.278271147	4.9278271147e+1
356.78	49.279652381	4.9279652381e+1
356.79	49.281033614	4.9281033614e+1
356.8	49.282414848	4.9282414848e+1
356.81	49.283796082	4.9283796082e+1
356.82	49.285177315	4.9285177315e+1
356.83	49.286558549	4.9286558549e+1
356.84	49.287939782	4.9287939782e+1
356.85	49.289321016	4.9289321016e+1
356.86	49.29070225	4.929070225e+1
356.87	49.292083483	4.9292083483e+1
356.88	49.293464717	4.9293464717e+1
356.89	49.29484595	4.929484595e+1
356.9	49.296227184	4.9296227184e+1
356.91	49.297608418	4.9297608418e+1
356.92	49.298989651	4.9298989651e+1
356.93	49.300370885	4.9300370885e+1
356.94	49.301752118	4.9301752118e+1
356.95	49.303133352	4.9303133352e+1
356.96	49.304514586	4.9304514586e+1

356.97	49.305895819	4.9305895819e+1
356.98	49.307277053	4.9307277053e+1
356.99	49.308658286	4.9308658286e+1
357	49.31003952	4.931003952e+1
357.01	49.311420754	4.9311420754e+1
357.02	49.312801987	4.9312801987e+1
357.03	49.314183221	4.9314183221e+1
357.04	49.315564454	4.9315564454e+1
357.05	49.316945688	4.9316945688e+1
357.06	49.318326922	4.9318326922e+1
357.07	49.319708155	4.9319708155e+1
357.08	49.321089389	4.9321089389e+1
357.09	49.322470622	4.9322470622e+1
357.1	49.323851856	4.9323851856e+1
357.11	49.32523309	4.932523309e+1
357.12	49.326614323	4.9326614323e+1
357.13	49.327995557	4.9327995557e+1
357.14	49.32937679	4.932937679e+1
357.15	49.330758024	4.9330758024e+1
357.16	49.332139258	4.9332139258e+1
357.17	49.333520491	4.9333520491e+1
357.18	49.334901725	4.9334901725e+1
357.19	49.336282958	4.9336282958e+1
357.2	49.337664192	4.9337664192e+1
357.21	49.339045426	4.9339045426e+1
357.22	49.340426659	4.9340426659e+1
357.23	49.341807893	4.9341807893e+1
357.24	49.343189126	4.9343189126e+1
357.25	49.34457036	4.934457036e+1
357.26	49.345951594	4.9345951594e+1
357.27	49.347332827	4.9347332827e+1
357.28	49.348714061	4.9348714061e+1
357.29	49.350095294	4.9350095294e+1
357.3	49.351476528	4.9351476528e+1
357.31	49.352857762	4.9352857762e+1
357.32	49.354238995	4.9354238995e+1
357.33	49.355620229	4.9355620229e+1
357.34	49.357001462	4.9357001462e+1

357.35	49.358382696	4.9358382696e+1
357.36	49.35976393	4.935976393e+1
357.37	49.361145163	4.9361145163e+1
357.38	49.362526397	4.9362526397e+1
357.39	49.36390763	4.936390763e+1
357.4	49.365288864	4.9365288864e+1
357.41	49.366670098	4.9366670098e+1
357.42	49.368051331	4.9368051331e+1
357.43	49.369432565	4.9369432565e+1
357.44	49.370813798	4.9370813798e+1
357.45	49.372195032	4.9372195032e+1
357.46	49.373576266	4.9373576266e+1
357.47	49.374957499	4.9374957499e+1
357.48	49.376338733	4.9376338733e+1
357.49	49.377719966	4.9377719966e+1
357.5	49.3791012	4.93791012e+1
357.51	49.380482434	4.9380482434e+1
357.52	49.381863667	4.9381863667e+1
357.53	49.383244901	4.9383244901e+1
357.54	49.384626134	4.9384626134e+1
357.55	49.386007368	4.9386007368e+1
357.56	49.387388602	4.9387388602e+1
357.57	49.388769835	4.9388769835e+1
357.58	49.390151069	4.9390151069e+1
357.59	49.391532302	4.9391532302e+1
357.6	49.392913536	4.9392913536e+1
357.61	49.39429477	4.939429477e+1
357.62	49.395676003	4.9395676003e+1
357.63	49.397057237	4.9397057237e+1
357.64	49.39843847	4.939843847e+1
357.65	49.399819704	4.9399819704e+1
357.66	49.401200938	4.9401200938e+1
357.67	49.402582171	4.9402582171e+1
357.68	49.403963405	4.9403963405e+1
357.69	49.405344638	4.9405344638e+1
357.7	49.406725872	4.9406725872e+1
357.71	49.408107106	4.9408107106e+1
357.72	49.409488339	4.9409488339e+1

357.73	49.410869573	4.9410869573e+1
357.74	49.412250806	4.9412250806e+1
357.75	49.41363204	4.941363204e+1
357.76	49.415013274	4.9415013274e+1
357.77	49.416394507	4.9416394507e+1
357.78	49.417775741	4.9417775741e+1
357.79	49.419156974	4.9419156974e+1
357.8	49.420538208	4.9420538208e+1
357.81	49.421919442	4.9421919442e+1
357.82	49.423300675	4.9423300675e+1
357.83	49.424681909	4.9424681909e+1
357.84	49.426063142	4.9426063142e+1
357.85	49.427444376	4.9427444376e+1
357.86	49.42882561	4.942882561e+1
357.87	49.430206843	4.9430206843e+1
357.88	49.431588077	4.9431588077e+1
357.89	49.43296931	4.943296931e+1
357.9	49.434350544	4.9434350544e+1
357.91	49.435731778	4.9435731778e+1
357.92	49.437113011	4.9437113011e+1
357.93	49.438494245	4.9438494245e+1
357.94	49.439875478	4.9439875478e+1
357.95	49.441256712	4.9441256712e+1
357.96	49.442637946	4.9442637946e+1
357.97	49.444019179	4.9444019179e+1
357.98	49.445400413	4.9445400413e+1
357.99	49.446781646	4.9446781646e+1
358	49.44816288	4.944816288e+1
358.01	49.449544114	4.9449544114e+1
358.02	49.450925347	4.9450925347e+1
358.03	49.452306581	4.9452306581e+1
358.04	49.453687814	4.9453687814e+1
358.05	49.455069048	4.9455069048e+1
358.06	49.456450282	4.9456450282e+1
358.07	49.457831515	4.9457831515e+1
358.08	49.459212749	4.9459212749e+1
358.09	49.460593982	4.9460593982e+1
358.1	49.461975216	4.9461975216e+1

358.11	49.46335645	4.946335645e+1
358.12	49.464737683	4.9464737683e+1
358.13	49.466118917	4.9466118917e+1
358.14	49.46750015	4.946750015e+1
358.15	49.468881384	4.9468881384e+1
358.16	49.470262618	4.9470262618e+1
358.17	49.471643851	4.9471643851e+1
358.18	49.473025085	4.9473025085e+1
358.19	49.474406318	4.9474406318e+1
358.2	49.475787552	4.9475787552e+1
358.21	49.477168786	4.9477168786e+1
358.22	49.478550019	4.9478550019e+1
358.23	49.479931253	4.9479931253e+1
358.24	49.481312486	4.9481312486e+1
358.25	49.48269372	4.948269372e+1
358.26	49.484074954	4.9484074954e+1
358.27	49.485456187	4.9485456187e+1
358.28	49.486837421	4.9486837421e+1
358.29	49.488218654	4.9488218654e+1
358.3	49.489599888	4.9489599888e+1
358.31	49.490981122	4.9490981122e+1
358.32	49.492362355	4.9492362355e+1
358.33	49.493743589	4.9493743589e+1
358.34	49.495124822	4.9495124822e+1
358.35	49.496506056	4.9496506056e+1
358.36	49.49788729	4.949788729e+1
358.37	49.499268523	4.9499268523e+1
358.38	49.500649757	4.9500649757e+1
358.39	49.50203099	4.950203099e+1
358.4	49.503412224	4.9503412224e+1
358.41	49.504793458	4.9504793458e+1
358.42	49.506174691	4.9506174691e+1
358.43	49.507555925	4.9507555925e+1
358.44	49.508937158	4.9508937158e+1
358.45	49.510318392	4.9510318392e+1
358.46	49.511699626	4.9511699626e+1
358.47	49.513080859	4.9513080859e+1
358.48	49.514462093	4.9514462093e+1

358.49	49.515843326	4.9515843326e+1
358.5	49.51722456	4.951722456e+1
358.51	49.518605794	4.9518605794e+1
358.52	49.519987027	4.9519987027e+1
358.53	49.521368261	4.9521368261e+1
358.54	49.522749494	4.9522749494e+1
358.55	49.524130728	4.9524130728e+1
358.56	49.525511962	4.9525511962e+1
358.57	49.526893195	4.9526893195e+1
358.58	49.528274429	4.9528274429e+1
358.59	49.529655662	4.9529655662e+1
358.6	49.531036896	4.9531036896e+1
358.61	49.53241813	4.953241813e+1
358.62	49.533799363	4.9533799363e+1
358.63	49.535180597	4.9535180597e+1
358.64	49.53656183	4.953656183e+1
358.65	49.537943064	4.9537943064e+1
358.66	49.539324298	4.9539324298e+1
358.67	49.540705531	4.9540705531e+1
358.68	49.542086765	4.9542086765e+1
358.69	49.543467998	4.9543467998e+1
358.7	49.544849232	4.9544849232e+1
358.71	49.546230466	4.9546230466e+1
358.72	49.547611699	4.9547611699e+1
358.73	49.548992933	4.9548992933e+1
358.74	49.550374166	4.9550374166e+1
358.75	49.5517554	4.95517554e+1
358.76	49.553136634	4.9553136634e+1
358.77	49.554517867	4.9554517867e+1
358.78	49.555899101	4.9555899101e+1
358.79	49.557280334	4.9557280334e+1
358.8	49.558661568	4.9558661568e+1
358.81	49.560042802	4.9560042802e+1
358.82	49.561424035	4.9561424035e+1
358.83	49.562805269	4.9562805269e+1
358.84	49.564186502	4.9564186502e+1
358.85	49.565567736	4.9565567736e+1
358.86	49.56694897	4.956694897e+1

358.87	49.568330203	4.9568330203e+1
358.88	49.569711437	4.9569711437e+1
358.89	49.57109267	4.957109267e+1
358.9	49.572473904	4.9572473904e+1
358.91	49.573855138	4.9573855138e+1
358.92	49.575236371	4.9575236371e+1
358.93	49.576617605	4.9576617605e+1
358.94	49.577998838	4.9577998838e+1
358.95	49.579380072	4.9579380072e+1
358.96	49.580761306	4.9580761306e+1
358.97	49.582142539	4.9582142539e+1
358.98	49.583523773	4.9583523773e+1
358.99	49.584905006	4.9584905006e+1
359	49.58628624	4.958628624e+1
359.01	49.587667474	4.9587667474e+1
359.02	49.589048707	4.9589048707e+1
359.03	49.590429941	4.9590429941e+1
359.04	49.591811174	4.9591811174e+1
359.05	49.593192408	4.9593192408e+1
359.06	49.594573642	4.9594573642e+1
359.07	49.595954875	4.9595954875e+1
359.08	49.597336109	4.9597336109e+1
359.09	49.598717342	4.9598717342e+1
359.1	49.600098576	4.9600098576e+1
359.11	49.60147981	4.960147981e+1
359.12	49.602861043	4.9602861043e+1
359.13	49.604242277	4.9604242277e+1
359.14	49.60562351	4.960562351e+1
359.15	49.607004744	4.9607004744e+1
359.16	49.608385978	4.9608385978e+1
359.17	49.609767211	4.9609767211e+1
359.18	49.611148445	4.9611148445e+1
359.19	49.612529678	4.9612529678e+1
359.2	49.613910912	4.9613910912e+1
359.21	49.615292146	4.9615292146e+1
359.22	49.616673379	4.9616673379e+1
359.23	49.618054613	4.9618054613e+1
359.24	49.619435846	4.9619435846e+1

359.25	49.62081708	4.962081708e+1
359.26	49.622198314	4.9622198314e+1
359.27	49.623579547	4.9623579547e+1
359.28	49.624960781	4.9624960781e+1
359.29	49.626342014	4.9626342014e+1
359.3	49.627723248	4.9627723248e+1
359.31	49.629104482	4.9629104482e+1
359.32	49.630485715	4.9630485715e+1
359.33	49.631866949	4.9631866949e+1
359.34	49.633248182	4.9633248182e+1
359.35	49.634629416	4.9634629416e+1
359.36	49.63601065	4.963601065e+1
359.37	49.637391883	4.9637391883e+1
359.38	49.638773117	4.9638773117e+1
359.39	49.64015435	4.964015435e+1
359.4	49.641535584	4.9641535584e+1
359.41	49.642916818	4.9642916818e+1
359.42	49.644298051	4.9644298051e+1
359.43	49.645679285	4.9645679285e+1
359.44	49.647060518	4.9647060518e+1
359.45	49.648441752	4.9648441752e+1
359.46	49.649822986	4.9649822986e+1
359.47	49.651204219	4.9651204219e+1
359.48	49.652585453	4.9652585453e+1
359.49	49.653966686	4.9653966686e+1
359.5	49.65534792	4.965534792e+1
359.51	49.656729154	4.9656729154e+1
359.52	49.658110387	4.9658110387e+1
359.53	49.659491621	4.9659491621e+1
359.54	49.660872854	4.9660872854e+1
359.55	49.662254088	4.9662254088e+1
359.56	49.663635322	4.9663635322e+1
359.57	49.665016555	4.9665016555e+1
359.58	49.666397789	4.9666397789e+1
359.59	49.667779022	4.9667779022e+1
359.6	49.669160256	4.9669160256e+1
359.61	49.67054149	4.967054149e+1
359.62	49.671922723	4.9671922723e+1

359.63	49.673303957	4.9673303957e+1
359.64	49.67468519	4.967468519e+1
359.65	49.676066424	4.9676066424e+1
359.66	49.677447658	4.9677447658e+1
359.67	49.678828891	4.9678828891e+1
359.68	49.680210125	4.9680210125e+1
359.69	49.681591358	4.9681591358e+1
359.7	49.682972592	4.9682972592e+1
359.71	49.684353826	4.9684353826e+1
359.72	49.685735059	4.9685735059e+1
359.73	49.687116293	4.9687116293e+1
359.74	49.688497526	4.9688497526e+1
359.75	49.68987876	4.968987876e+1
359.76	49.691259994	4.9691259994e+1
359.77	49.692641227	4.9692641227e+1
359.78	49.694022461	4.9694022461e+1
359.79	49.695403694	4.9695403694e+1
359.8	49.696784928	4.9696784928e+1
359.81	49.698166162	4.9698166162e+1
359.82	49.699547395	4.9699547395e+1
359.83	49.700928629	4.9700928629e+1
359.84	49.702309862	4.9702309862e+1
359.85	49.703691096	4.9703691096e+1
359.86	49.70507233	4.970507233e+1
359.87	49.706453563	4.9706453563e+1
359.88	49.707834797	4.9707834797e+1
359.89	49.70921603	4.970921603e+1
359.9	49.710597264	4.9710597264e+1
359.91	49.711978498	4.9711978498e+1
359.92	49.713359731	4.9713359731e+1
359.93	49.714740965	4.9714740965e+1
359.94	49.716122198	4.9716122198e+1
359.95	49.717503432	4.9717503432e+1
359.96	49.718884666	4.9718884666e+1
359.97	49.720265899	4.9720265899e+1
359.98	49.721647133	4.9721647133e+1
359.99	49.723028366	4.9723028366e+1
360	49.7244096	4.97244096e+1

360.01	49.725790834	4.9725790834e+1
360.02	49.727172067	4.9727172067e+1
360.03	49.728553301	4.9728553301e+1
360.04	49.729934534	4.9729934534e+1
360.05	49.731315768	4.9731315768e+1
360.06	49.732697002	4.9732697002e+1
360.07	49.734078235	4.9734078235e+1
360.08	49.735459469	4.9735459469e+1
360.09	49.736840702	4.9736840702e+1
360.1	49.738221936	4.9738221936e+1
360.11	49.73960317	4.973960317e+1
360.12	49.740984403	4.9740984403e+1
360.13	49.742365637	4.9742365637e+1
360.14	49.74374687	4.974374687e+1
360.15	49.745128104	4.9745128104e+1
360.16	49.746509338	4.9746509338e+1
360.17	49.747890571	4.9747890571e+1
360.18	49.749271805	4.9749271805e+1
360.19	49.750653038	4.9750653038e+1
360.2	49.752034272	4.9752034272e+1
360.21	49.753415506	4.9753415506e+1
360.22	49.754796739	4.9754796739e+1
360.23	49.756177973	4.9756177973e+1
360.24	49.757559206	4.9757559206e+1
360.25	49.75894044	4.975894044e+1
360.26	49.760321674	4.9760321674e+1
360.27	49.761702907	4.9761702907e+1
360.28	49.763084141	4.9763084141e+1
360.29	49.764465374	4.9764465374e+1
360.3	49.765846608	4.9765846608e+1
360.31	49.767227842	4.9767227842e+1
360.32	49.768609075	4.9768609075e+1
360.33	49.769990309	4.9769990309e+1
360.34	49.771371542	4.9771371542e+1
360.35	49.772752776	4.9772752776e+1
360.36	49.77413401	4.977413401e+1
360.37	49.775515243	4.9775515243e+1
360.38	49.776896477	4.9776896477e+1

360.39	49.77827771	4.977827771e+1
360.4	49.779658944	4.9779658944e+1
360.41	49.781040178	4.9781040178e+1
360.42	49.782421411	4.9782421411e+1
360.43	49.783802645	4.9783802645e+1
360.44	49.785183878	4.9785183878e+1
360.45	49.786565112	4.9786565112e+1
360.46	49.787946346	4.9787946346e+1
360.47	49.789327579	4.9789327579e+1
360.48	49.790708813	4.9790708813e+1
360.49	49.792090046	4.9792090046e+1
360.5	49.79347128	4.979347128e+1
360.51	49.794852514	4.9794852514e+1
360.52	49.796233747	4.9796233747e+1
360.53	49.797614981	4.9797614981e+1
360.54	49.798996214	4.9798996214e+1
360.55	49.800377448	4.9800377448e+1
360.56	49.801758682	4.9801758682e+1
360.57	49.803139915	4.9803139915e+1
360.58	49.804521149	4.9804521149e+1
360.59	49.805902382	4.9805902382e+1
360.6	49.807283616	4.9807283616e+1
360.61	49.80866485	4.980866485e+1
360.62	49.810046083	4.9810046083e+1
360.63	49.811427317	4.9811427317e+1
360.64	49.81280855	4.981280855e+1
360.65	49.814189784	4.9814189784e+1
360.66	49.815571018	4.9815571018e+1
360.67	49.816952251	4.9816952251e+1
360.68	49.818333485	4.9818333485e+1
360.69	49.819714718	4.9819714718e+1
360.7	49.821095952	4.9821095952e+1
360.71	49.822477186	4.9822477186e+1
360.72	49.823858419	4.9823858419e+1
360.73	49.825239653	4.9825239653e+1
360.74	49.826620886	4.9826620886e+1
360.75	49.82800212	4.982800212e+1
360.76	49.829383354	4.9829383354e+1

360.77	49.830764587	4.9830764587e+1
360.78	49.832145821	4.9832145821e+1
360.79	49.833527054	4.9833527054e+1
360.8	49.834908288	4.9834908288e+1
360.81	49.836289522	4.9836289522e+1
360.82	49.837670755	4.9837670755e+1
360.83	49.839051989	4.9839051989e+1
360.84	49.840433222	4.9840433222e+1
360.85	49.841814456	4.9841814456e+1
360.86	49.84319569	4.984319569e+1
360.87	49.844576923	4.9844576923e+1
360.88	49.845958157	4.9845958157e+1
360.89	49.84733939	4.984733939e+1
360.9	49.848720624	4.9848720624e+1
360.91	49.850101858	4.9850101858e+1
360.92	49.851483091	4.9851483091e+1
360.93	49.852864325	4.9852864325e+1
360.94	49.854245558	4.9854245558e+1
360.95	49.855626792	4.9855626792e+1
360.96	49.857008026	4.9857008026e+1
360.97	49.858389259	4.9858389259e+1
360.98	49.859770493	4.9859770493e+1
360.99	49.861151726	4.9861151726e+1
361	49.86253296	4.986253296e+1
361.01	49.863914194	4.9863914194e+1
361.02	49.865295427	4.9865295427e+1
361.03	49.866676661	4.9866676661e+1
361.04	49.868057894	4.9868057894e+1
361.05	49.869439128	4.9869439128e+1
361.06	49.870820362	4.9870820362e+1
361.07	49.872201595	4.9872201595e+1
361.08	49.873582829	4.9873582829e+1
361.09	49.874964062	4.9874964062e+1
361.1	49.876345296	4.9876345296e+1
361.11	49.87772653	4.987772653e+1
361.12	49.879107763	4.9879107763e+1
361.13	49.880488997	4.9880488997e+1
361.14	49.88187023	4.988187023e+1

361.15	49.883251464	4.9883251464e+1
361.16	49.884632698	4.9884632698e+1
361.17	49.886013931	4.9886013931e+1
361.18	49.887395165	4.9887395165e+1
361.19	49.888776398	4.9888776398e+1
361.2	49.890157632	4.9890157632e+1
361.21	49.891538866	4.9891538866e+1
361.22	49.892920099	4.9892920099e+1
361.23	49.894301333	4.9894301333e+1
361.24	49.895682566	4.9895682566e+1
361.25	49.8970638	4.98970638e+1
361.26	49.898445034	4.9898445034e+1
361.27	49.899826267	4.9899826267e+1
361.28	49.901207501	4.9901207501e+1
361.29	49.902588734	4.9902588734e+1
361.3	49.903969968	4.9903969968e+1
361.31	49.905351202	4.9905351202e+1
361.32	49.906732435	4.9906732435e+1
361.33	49.908113669	4.9908113669e+1
361.34	49.909494902	4.9909494902e+1
361.35	49.910876136	4.9910876136e+1
361.36	49.91225737	4.991225737e+1
361.37	49.913638603	4.9913638603e+1
361.38	49.915019837	4.9915019837e+1
361.39	49.91640107	4.991640107e+1
361.4	49.917782304	4.9917782304e+1
361.41	49.919163538	4.9919163538e+1
361.42	49.920544771	4.9920544771e+1
361.43	49.921926005	4.9921926005e+1
361.44	49.923307238	4.9923307238e+1
361.45	49.924688472	4.9924688472e+1
361.46	49.926069706	4.9926069706e+1
361.47	49.927450939	4.9927450939e+1
361.48	49.928832173	4.9928832173e+1
361.49	49.930213406	4.9930213406e+1
361.5	49.93159464	4.993159464e+1
361.51	49.932975874	4.9932975874e+1
361.52	49.934357107	4.9934357107e+1

361.53	49.935738341	4.9935738341e+1
361.54	49.937119574	4.9937119574e+1
361.55	49.938500808	4.9938500808e+1
361.56	49.939882042	4.9939882042e+1
361.57	49.941263275	4.9941263275e+1
361.58	49.942644509	4.9942644509e+1
361.59	49.944025742	4.9944025742e+1
361.6	49.945406976	4.9945406976e+1
361.61	49.94678821	4.994678821e+1
361.62	49.948169443	4.9948169443e+1
361.63	49.949550677	4.9949550677e+1
361.64	49.95093191	4.995093191e+1
361.65	49.952313144	4.9952313144e+1
361.66	49.953694378	4.9953694378e+1
361.67	49.955075611	4.9955075611e+1
361.68	49.956456845	4.9956456845e+1
361.69	49.957838078	4.9957838078e+1
361.7	49.959219312	4.9959219312e+1
361.71	49.960600546	4.9960600546e+1
361.72	49.961981779	4.9961981779e+1
361.73	49.963363013	4.9963363013e+1
361.74	49.964744246	4.9964744246e+1
361.75	49.96612548	4.996612548e+1
361.76	49.967506714	4.9967506714e+1
361.77	49.968887947	4.9968887947e+1
361.78	49.970269181	4.9970269181e+1
361.79	49.971650414	4.9971650414e+1
361.8	49.973031648	4.9973031648e+1
361.81	49.974412882	4.9974412882e+1
361.82	49.975794115	4.9975794115e+1
361.83	49.977175349	4.9977175349e+1
361.84	49.978556582	4.9978556582e+1
361.85	49.979937816	4.9979937816e+1
361.86	49.98131905	4.998131905e+1
361.87	49.982700283	4.9982700283e+1
361.88	49.984081517	4.9984081517e+1
361.89	49.98546275	4.998546275e+1
361.9	49.986843984	4.9986843984e+1

361.91	49.988225218	4.9988225218e+1
361.92	49.989606451	4.9989606451e+1
361.93	49.990987685	4.9990987685e+1
361.94	49.992368918	4.9992368918e+1
361.95	49.993750152	4.9993750152e+1
361.96	49.995131386	4.9995131386e+1
361.97	49.996512619	4.9996512619e+1
361.98	49.997893853	4.9997893853e+1
361.99	49.999275086	4.9999275086e+1
362	50.00065632	5.000065632e+1
362.01	50.002037554	5.0002037554e+1
362.02	50.003418787	5.0003418787e+1
362.03	50.004800021	5.0004800021e+1
362.04	50.006181254	5.0006181254e+1
362.05	50.007562488	5.0007562488e+1
362.06	50.008943722	5.0008943722e+1
362.07	50.010324955	5.0010324955e+1
362.08	50.011706189	5.0011706189e+1
362.09	50.013087422	5.0013087422e+1
362.1	50.014468656	5.0014468656e+1
362.11	50.01584989	5.001584989e+1
362.12	50.017231123	5.0017231123e+1
362.13	50.018612357	5.0018612357e+1
362.14	50.01999359	5.001999359e+1
362.15	50.021374824	5.0021374824e+1
362.16	50.022756058	5.0022756058e+1
362.17	50.024137291	5.0024137291e+1
362.18	50.025518525	5.0025518525e+1
362.19	50.026899758	5.0026899758e+1
362.2	50.028280992	5.0028280992e+1
362.21	50.029662226	5.0029662226e+1
362.22	50.031043459	5.0031043459e+1
362.23	50.032424693	5.0032424693e+1
362.24	50.033805926	5.0033805926e+1
362.25	50.03518716	5.003518716e+1
362.26	50.036568394	5.0036568394e+1
362.27	50.037949627	5.0037949627e+1
362.28	50.039330861	5.0039330861e+1

362.29	50.040712094	5.0040712094e+1
362.3	50.042093328	5.0042093328e+1
362.31	50.043474562	5.0043474562e+1
362.32	50.044855795	5.0044855795e+1
362.33	50.046237029	5.0046237029e+1
362.34	50.047618262	5.0047618262e+1
362.35	50.048999496	5.0048999496e+1
362.36	50.05038073	5.005038073e+1
362.37	50.051761963	5.0051761963e+1
362.38	50.053143197	5.0053143197e+1
362.39	50.05452443	5.005452443e+1
362.4	50.055905664	5.0055905664e+1
362.41	50.057286898	5.0057286898e+1
362.42	50.058668131	5.0058668131e+1
362.43	50.060049365	5.0060049365e+1
362.44	50.061430598	5.0061430598e+1
362.45	50.062811832	5.0062811832e+1
362.46	50.064193066	5.0064193066e+1
362.47	50.065574299	5.0065574299e+1
362.48	50.066955533	5.0066955533e+1
362.49	50.068336766	5.0068336766e+1
362.5	50.069718	5.0069718e+1
362.51	50.071099234	5.0071099234e+1
362.52	50.072480467	5.0072480467e+1
362.53	50.073861701	5.0073861701e+1
362.54	50.075242934	5.0075242934e+1
362.55	50.076624168	5.0076624168e+1
362.56	50.078005402	5.0078005402e+1
362.57	50.079386635	5.0079386635e+1
362.58	50.080767869	5.0080767869e+1
362.59	50.082149102	5.0082149102e+1
362.6	50.083530336	5.0083530336e+1
362.61	50.08491157	5.008491157e+1
362.62	50.086292803	5.0086292803e+1
362.63	50.087674037	5.0087674037e+1
362.64	50.08905527	5.008905527e+1
362.65	50.090436504	5.0090436504e+1
362.66	50.091817738	5.0091817738e+1

362.67	50.093198971	5.0093198971e+1
362.68	50.094580205	5.0094580205e+1
362.69	50.095961438	5.0095961438e+1
362.7	50.097342672	5.0097342672e+1
362.71	50.098723906	5.0098723906e+1
362.72	50.100105139	5.0100105139e+1
362.73	50.101486373	5.0101486373e+1
362.74	50.102867606	5.0102867606e+1
362.75	50.10424884	5.010424884e+1
362.76	50.105630074	5.0105630074e+1
362.77	50.107011307	5.0107011307e+1
362.78	50.108392541	5.0108392541e+1
362.79	50.109773774	5.0109773774e+1
362.8	50.111155008	5.0111155008e+1
362.81	50.112536242	5.0112536242e+1
362.82	50.113917475	5.0113917475e+1
362.83	50.115298709	5.0115298709e+1
362.84	50.116679942	5.0116679942e+1
362.85	50.118061176	5.0118061176e+1
362.86	50.11944241	5.011944241e+1
362.87	50.120823643	5.0120823643e+1
362.88	50.122204877	5.0122204877e+1
362.89	50.12358611	5.012358611e+1
362.9	50.124967344	5.0124967344e+1
362.91	50.126348578	5.0126348578e+1
362.92	50.127729811	5.0127729811e+1
362.93	50.129111045	5.0129111045e+1
362.94	50.130492278	5.0130492278e+1
362.95	50.131873512	5.0131873512e+1
362.96	50.133254746	5.0133254746e+1
362.97	50.134635979	5.0134635979e+1
362.98	50.136017213	5.0136017213e+1
362.99	50.137398446	5.0137398446e+1
363	50.13877968	5.013877968e+1
363.01	50.140160914	5.0140160914e+1
363.02	50.141542147	5.0141542147e+1
363.03	50.142923381	5.0142923381e+1
363.04	50.144304614	5.0144304614e+1

363.05	50.145685848	5.0145685848e+1
363.06	50.147067082	5.0147067082e+1
363.07	50.148448315	5.0148448315e+1
363.08	50.149829549	5.0149829549e+1
363.09	50.151210782	5.0151210782e+1
363.1	50.152592016	5.0152592016e+1
363.11	50.15397325	5.015397325e+1
363.12	50.155354483	5.0155354483e+1
363.13	50.156735717	5.0156735717e+1
363.14	50.15811695	5.015811695e+1
363.15	50.159498184	5.0159498184e+1
363.16	50.160879418	5.0160879418e+1
363.17	50.162260651	5.0162260651e+1
363.18	50.163641885	5.0163641885e+1
363.19	50.165023118	5.0165023118e+1
363.2	50.166404352	5.0166404352e+1
363.21	50.167785586	5.0167785586e+1
363.22	50.169166819	5.0169166819e+1
363.23	50.170548053	5.0170548053e+1
363.24	50.171929286	5.0171929286e+1
363.25	50.17331052	5.017331052e+1
363.26	50.174691754	5.0174691754e+1
363.27	50.176072987	5.0176072987e+1
363.28	50.177454221	5.0177454221e+1
363.29	50.178835454	5.0178835454e+1
363.3	50.180216688	5.0180216688e+1
363.31	50.181597922	5.0181597922e+1
363.32	50.182979155	5.0182979155e+1
363.33	50.184360389	5.0184360389e+1
363.34	50.185741622	5.0185741622e+1
363.35	50.187122856	5.0187122856e+1
363.36	50.18850409	5.018850409e+1
363.37	50.189885323	5.0189885323e+1
363.38	50.191266557	5.0191266557e+1
363.39	50.19264779	5.019264779e+1
363.4	50.194029024	5.0194029024e+1
363.41	50.195410258	5.0195410258e+1
363.42	50.196791491	5.0196791491e+1

363.43	50.198172725	5.0198172725e+1
363.44	50.199553958	5.0199553958e+1
363.45	50.200935192	5.0200935192e+1
363.46	50.202316426	5.0202316426e+1
363.47	50.203697659	5.0203697659e+1
363.48	50.205078893	5.0205078893e+1
363.49	50.206460126	5.0206460126e+1
363.5	50.20784136	5.020784136e+1
363.51	50.209222594	5.0209222594e+1
363.52	50.210603827	5.0210603827e+1
363.53	50.211985061	5.0211985061e+1
363.54	50.213366294	5.0213366294e+1
363.55	50.214747528	5.0214747528e+1
363.56	50.216128762	5.0216128762e+1
363.57	50.217509995	5.0217509995e+1
363.58	50.218891229	5.0218891229e+1
363.59	50.220272462	5.0220272462e+1
363.6	50.221653696	5.0221653696e+1
363.61	50.22303493	5.022303493e+1
363.62	50.224416163	5.0224416163e+1
363.63	50.225797397	5.0225797397e+1
363.64	50.22717863	5.022717863e+1
363.65	50.228559864	5.0228559864e+1
363.66	50.229941098	5.0229941098e+1
363.67	50.231322331	5.0231322331e+1
363.68	50.232703565	5.0232703565e+1
363.69	50.234084798	5.0234084798e+1
363.7	50.235466032	5.0235466032e+1
363.71	50.236847266	5.0236847266e+1
363.72	50.238228499	5.0238228499e+1
363.73	50.239609733	5.0239609733e+1
363.74	50.240990966	5.0240990966e+1
363.75	50.2423722	5.02423722e+1
363.76	50.243753434	5.0243753434e+1
363.77	50.245134667	5.0245134667e+1
363.78	50.246515901	5.0246515901e+1
363.79	50.247897134	5.0247897134e+1
363.8	50.249278368	5.0249278368e+1

363.81	50.250659602	5.0250659602e+1
363.82	50.252040835	5.0252040835e+1
363.83	50.253422069	5.0253422069e+1
363.84	50.254803302	5.0254803302e+1
363.85	50.256184536	5.0256184536e+1
363.86	50.25756577	5.025756577e+1
363.87	50.258947003	5.0258947003e+1
363.88	50.260328237	5.0260328237e+1
363.89	50.26170947	5.026170947e+1
363.9	50.263090704	5.0263090704e+1
363.91	50.264471938	5.0264471938e+1
363.92	50.265853171	5.0265853171e+1
363.93	50.267234405	5.0267234405e+1
363.94	50.268615638	5.0268615638e+1
363.95	50.269996872	5.0269996872e+1
363.96	50.271378106	5.0271378106e+1
363.97	50.272759339	5.0272759339e+1
363.98	50.274140573	5.0274140573e+1
363.99	50.275521806	5.0275521806e+1
364	50.27690304	5.027690304e+1
364.01	50.278284274	5.0278284274e+1
364.02	50.279665507	5.0279665507e+1
364.03	50.281046741	5.0281046741e+1
364.04	50.282427974	5.0282427974e+1
364.05	50.283809208	5.0283809208e+1
364.06	50.285190442	5.0285190442e+1
364.07	50.286571675	5.0286571675e+1
364.08	50.287952909	5.0287952909e+1
364.09	50.289334142	5.0289334142e+1
364.1	50.290715376	5.0290715376e+1
364.11	50.29209661	5.029209661e+1
364.12	50.293477843	5.0293477843e+1
364.13	50.294859077	5.0294859077e+1
364.14	50.29624031	5.029624031e+1
364.15	50.297621544	5.0297621544e+1
364.16	50.299002778	5.0299002778e+1
364.17	50.300384011	5.0300384011e+1
364.18	50.301765245	5.0301765245e+1

364.19	50.303146478	5.0303146478e+1
364.2	50.304527712	5.0304527712e+1
364.21	50.305908946	5.0305908946e+1
364.22	50.307290179	5.0307290179e+1
364.23	50.308671413	5.0308671413e+1
364.24	50.310052646	5.0310052646e+1
364.25	50.31143388	5.031143388e+1
364.26	50.312815114	5.0312815114e+1
364.27	50.314196347	5.0314196347e+1
364.28	50.315577581	5.0315577581e+1
364.29	50.316958814	5.0316958814e+1
364.3	50.318340048	5.0318340048e+1
364.31	50.319721282	5.0319721282e+1
364.32	50.321102515	5.0321102515e+1
364.33	50.322483749	5.0322483749e+1
364.34	50.323864982	5.0323864982e+1
364.35	50.325246216	5.0325246216e+1
364.36	50.32662745	5.032662745e+1
364.37	50.328008683	5.0328008683e+1
364.38	50.329389917	5.0329389917e+1
364.39	50.33077115	5.033077115e+1
364.4	50.332152384	5.0332152384e+1
364.41	50.333533618	5.0333533618e+1
364.42	50.334914851	5.0334914851e+1
364.43	50.336296085	5.0336296085e+1
364.44	50.337677318	5.0337677318e+1
364.45	50.339058552	5.0339058552e+1
364.46	50.340439786	5.0340439786e+1
364.47	50.341821019	5.0341821019e+1
364.48	50.343202253	5.0343202253e+1
364.49	50.344583486	5.0344583486e+1
364.5	50.34596472	5.034596472e+1
364.51	50.347345954	5.0347345954e+1
364.52	50.348727187	5.0348727187e+1
364.53	50.350108421	5.0350108421e+1
364.54	50.351489654	5.0351489654e+1
364.55	50.352870888	5.0352870888e+1
364.56	50.354252122	5.0354252122e+1

364.57	50.355633355	5.0355633355e+1
364.58	50.357014589	5.0357014589e+1
364.59	50.358395822	5.0358395822e+1
364.6	50.359777056	5.0359777056e+1
364.61	50.36115829	5.036115829e+1
364.62	50.362539523	5.0362539523e+1
364.63	50.363920757	5.0363920757e+1
364.64	50.36530199	5.036530199e+1
364.65	50.366683224	5.0366683224e+1
364.66	50.368064458	5.0368064458e+1
364.67	50.369445691	5.0369445691e+1
364.68	50.370826925	5.0370826925e+1
364.69	50.372208158	5.0372208158e+1
364.7	50.373589392	5.0373589392e+1
364.71	50.374970626	5.0374970626e+1
364.72	50.376351859	5.0376351859e+1
364.73	50.377733093	5.0377733093e+1
364.74	50.379114326	5.0379114326e+1
364.75	50.38049556	5.038049556e+1
364.76	50.381876794	5.0381876794e+1
364.77	50.383258027	5.0383258027e+1
364.78	50.384639261	5.0384639261e+1
364.79	50.386020494	5.0386020494e+1
364.8	50.387401728	5.0387401728e+1
364.81	50.388782962	5.0388782962e+1
364.82	50.390164195	5.0390164195e+1
364.83	50.391545429	5.0391545429e+1
364.84	50.392926662	5.0392926662e+1
364.85	50.394307896	5.0394307896e+1
364.86	50.39568913	5.039568913e+1
364.87	50.397070363	5.0397070363e+1
364.88	50.398451597	5.0398451597e+1
364.89	50.39983283	5.039983283e+1
364.9	50.401214064	5.0401214064e+1
364.91	50.402595298	5.0402595298e+1
364.92	50.403976531	5.0403976531e+1
364.93	50.405357765	5.0405357765e+1
364.94	50.406738998	5.0406738998e+1

364.95	50.408120232	5.0408120232e+1
364.96	50.409501466	5.0409501466e+1
364.97	50.410882699	5.0410882699e+1
364.98	50.412263933	5.0412263933e+1
364.99	50.413645166	5.0413645166e+1
365	50.4150264	5.04150264e+1
365.01	50.416407634	5.0416407634e+1
365.02	50.417788867	5.0417788867e+1
365.03	50.419170101	5.0419170101e+1
365.04	50.420551334	5.0420551334e+1
365.05	50.421932568	5.0421932568e+1
365.06	50.423313802	5.0423313802e+1
365.07	50.424695035	5.0424695035e+1
365.08	50.426076269	5.0426076269e+1
365.09	50.427457502	5.0427457502e+1
365.1	50.428838736	5.0428838736e+1
365.11	50.43021997	5.043021997e+1
365.12	50.431601203	5.0431601203e+1
365.13	50.432982437	5.0432982437e+1
365.14	50.43436367	5.043436367e+1
365.15	50.435744904	5.0435744904e+1
365.16	50.437126138	5.0437126138e+1
365.17	50.438507371	5.0438507371e+1
365.18	50.439888605	5.0439888605e+1
365.19	50.441269838	5.0441269838e+1
365.2	50.442651072	5.0442651072e+1
365.21	50.444032306	5.0444032306e+1
365.22	50.445413539	5.0445413539e+1
365.23	50.446794773	5.0446794773e+1
365.24	50.448176006	5.0448176006e+1
365.25	50.44955724	5.044955724e+1
365.26	50.450938474	5.0450938474e+1
365.27	50.452319707	5.0452319707e+1
365.28	50.453700941	5.0453700941e+1
365.29	50.455082174	5.0455082174e+1
365.3	50.456463408	5.0456463408e+1
365.31	50.457844642	5.0457844642e+1
365.32	50.459225875	5.0459225875e+1

365.33	50.460607109	5.0460607109e+1
365.34	50.461988342	5.0461988342e+1
365.35	50.463369576	5.0463369576e+1
365.36	50.46475081	5.046475081e+1
365.37	50.466132043	5.0466132043e+1
365.38	50.467513277	5.0467513277e+1
365.39	50.46889451	5.046889451e+1
365.4	50.470275744	5.0470275744e+1
365.41	50.471656978	5.0471656978e+1
365.42	50.473038211	5.0473038211e+1
365.43	50.474419445	5.0474419445e+1
365.44	50.475800678	5.0475800678e+1
365.45	50.477181912	5.0477181912e+1
365.46	50.478563146	5.0478563146e+1
365.47	50.479944379	5.0479944379e+1
365.48	50.481325613	5.0481325613e+1
365.49	50.482706846	5.0482706846e+1
365.5	50.48408808	5.048408808e+1
365.51	50.485469314	5.0485469314e+1
365.52	50.486850547	5.0486850547e+1
365.53	50.488231781	5.0488231781e+1
365.54	50.489613014	5.0489613014e+1
365.55	50.490994248	5.0490994248e+1
365.56	50.492375482	5.0492375482e+1
365.57	50.493756715	5.0493756715e+1
365.58	50.495137949	5.0495137949e+1
365.59	50.496519182	5.0496519182e+1
365.6	50.497900416	5.0497900416e+1
365.61	50.49928165	5.049928165e+1
365.62	50.500662883	5.0500662883e+1
365.63	50.502044117	5.0502044117e+1
365.64	50.50342535	5.050342535e+1
365.65	50.504806584	5.0504806584e+1
365.66	50.506187818	5.0506187818e+1
365.67	50.507569051	5.0507569051e+1
365.68	50.508950285	5.0508950285e+1
365.69	50.510331518	5.0510331518e+1
365.7	50.511712752	5.0511712752e+1

365.71	50.513093986	5.0513093986e+1
365.72	50.514475219	5.0514475219e+1
365.73	50.515856453	5.0515856453e+1
365.74	50.517237686	5.0517237686e+1
365.75	50.51861892	5.051861892e+1
365.76	50.520000154	5.0520000154e+1
365.77	50.521381387	5.0521381387e+1
365.78	50.522762621	5.0522762621e+1
365.79	50.524143854	5.0524143854e+1
365.8	50.525525088	5.0525525088e+1
365.81	50.526906322	5.0526906322e+1
365.82	50.528287555	5.0528287555e+1
365.83	50.529668789	5.0529668789e+1
365.84	50.531050022	5.0531050022e+1
365.85	50.532431256	5.0532431256e+1
365.86	50.53381249	5.053381249e+1
365.87	50.535193723	5.0535193723e+1
365.88	50.536574957	5.0536574957e+1
365.89	50.53795619	5.053795619e+1
365.9	50.539337424	5.0539337424e+1
365.91	50.540718658	5.0540718658e+1
365.92	50.542099891	5.0542099891e+1
365.93	50.543481125	5.0543481125e+1
365.94	50.544862358	5.0544862358e+1
365.95	50.546243592	5.0546243592e+1
365.96	50.547624826	5.0547624826e+1
365.97	50.549006059	5.0549006059e+1
365.98	50.550387293	5.0550387293e+1
365.99	50.551768526	5.0551768526e+1
366	50.55314976	5.055314976e+1
366.01	50.554530994	5.0554530994e+1
366.02	50.555912227	5.0555912227e+1
366.03	50.557293461	5.0557293461e+1
366.04	50.558674694	5.0558674694e+1
366.05	50.560055928	5.0560055928e+1
366.06	50.561437162	5.0561437162e+1
366.07	50.562818395	5.0562818395e+1
366.08	50.564199629	5.0564199629e+1

366.09	50.565580862	5.0565580862e+1
366.1	50.566962096	5.0566962096e+1
366.11	50.56834333	5.056834333e+1
366.12	50.569724563	5.0569724563e+1
366.13	50.571105797	5.0571105797e+1
366.14	50.57248703	5.057248703e+1
366.15	50.573868264	5.0573868264e+1
366.16	50.575249498	5.0575249498e+1
366.17	50.576630731	5.0576630731e+1
366.18	50.578011965	5.0578011965e+1
366.19	50.579393198	5.0579393198e+1
366.2	50.580774432	5.0580774432e+1
366.21	50.582155666	5.0582155666e+1
366.22	50.583536899	5.0583536899e+1
366.23	50.584918133	5.0584918133e+1
366.24	50.586299366	5.0586299366e+1
366.25	50.5876806	5.05876806e+1
366.26	50.589061834	5.0589061834e+1
366.27	50.590443067	5.0590443067e+1
366.28	50.591824301	5.0591824301e+1
366.29	50.593205534	5.0593205534e+1
366.3	50.594586768	5.0594586768e+1
366.31	50.595968002	5.0595968002e+1
366.32	50.597349235	5.0597349235e+1
366.33	50.598730469	5.0598730469e+1
366.34	50.600111702	5.0600111702e+1
366.35	50.601492936	5.0601492936e+1
366.36	50.60287417	5.060287417e+1
366.37	50.604255403	5.0604255403e+1
366.38	50.605636637	5.0605636637e+1
366.39	50.60701787	5.060701787e+1
366.4	50.608399104	5.0608399104e+1
366.41	50.609780338	5.0609780338e+1
366.42	50.611161571	5.0611161571e+1
366.43	50.612542805	5.0612542805e+1
366.44	50.613924038	5.0613924038e+1
366.45	50.615305272	5.0615305272e+1
366.46	50.616686506	5.0616686506e+1

366.47	50.618067739	5.0618067739e+1
366.48	50.619448973	5.0619448973e+1
366.49	50.620830206	5.0620830206e+1
366.5	50.62221144	5.062221144e+1
366.51	50.623592674	5.0623592674e+1
366.52	50.624973907	5.0624973907e+1
366.53	50.626355141	5.0626355141e+1
366.54	50.627736374	5.0627736374e+1
366.55	50.629117608	5.0629117608e+1
366.56	50.630498842	5.0630498842e+1
366.57	50.631880075	5.0631880075e+1
366.58	50.633261309	5.0633261309e+1
366.59	50.634642542	5.0634642542e+1
366.6	50.636023776	5.0636023776e+1
366.61	50.63740501	5.063740501e+1
366.62	50.638786243	5.0638786243e+1
366.63	50.640167477	5.0640167477e+1
366.64	50.64154871	5.064154871e+1
366.65	50.642929944	5.0642929944e+1
366.66	50.644311178	5.0644311178e+1
366.67	50.645692411	5.0645692411e+1
366.68	50.647073645	5.0647073645e+1
366.69	50.648454878	5.0648454878e+1
366.7	50.649836112	5.0649836112e+1
366.71	50.651217346	5.0651217346e+1
366.72	50.652598579	5.0652598579e+1
366.73	50.653979813	5.0653979813e+1
366.74	50.655361046	5.0655361046e+1
366.75	50.65674228	5.065674228e+1
366.76	50.658123514	5.0658123514e+1
366.77	50.659504747	5.0659504747e+1
366.78	50.660885981	5.0660885981e+1
366.79	50.662267214	5.0662267214e+1
366.8	50.663648448	5.0663648448e+1
366.81	50.665029682	5.0665029682e+1
366.82	50.666410915	5.0666410915e+1
366.83	50.667792149	5.0667792149e+1
366.84	50.669173382	5.0669173382e+1

366.85	50.670554616	5.0670554616e+1
366.86	50.67193585	5.067193585e+1
366.87	50.673317083	5.0673317083e+1
366.88	50.674698317	5.0674698317e+1
366.89	50.67607955	5.067607955e+1
366.9	50.677460784	5.0677460784e+1
366.91	50.678842018	5.0678842018e+1
366.92	50.680223251	5.0680223251e+1
366.93	50.681604485	5.0681604485e+1
366.94	50.682985718	5.0682985718e+1
366.95	50.684366952	5.0684366952e+1
366.96	50.685748186	5.0685748186e+1
366.97	50.687129419	5.0687129419e+1
366.98	50.688510653	5.0688510653e+1
366.99	50.689891886	5.0689891886e+1
367	50.69127312	5.069127312e+1
367.01	50.692654354	5.0692654354e+1
367.02	50.694035587	5.0694035587e+1
367.03	50.695416821	5.0695416821e+1
367.04	50.696798054	5.0696798054e+1
367.05	50.698179288	5.0698179288e+1
367.06	50.699560522	5.0699560522e+1
367.07	50.700941755	5.0700941755e+1
367.08	50.702322989	5.0702322989e+1
367.09	50.703704222	5.0703704222e+1
367.1	50.705085456	5.0705085456e+1
367.11	50.70646669	5.070646669e+1
367.12	50.707847923	5.0707847923e+1
367.13	50.709229157	5.0709229157e+1
367.14	50.71061039	5.071061039e+1
367.15	50.711991624	5.0711991624e+1
367.16	50.713372858	5.0713372858e+1
367.17	50.714754091	5.0714754091e+1
367.18	50.716135325	5.0716135325e+1
367.19	50.717516558	5.0717516558e+1
367.2	50.718897792	5.0718897792e+1
367.21	50.720279026	5.0720279026e+1
367.22	50.721660259	5.0721660259e+1

367.23	50.723041493	5.0723041493e+1
367.24	50.724422726	5.0724422726e+1
367.25	50.72580396	5.072580396e+1
367.26	50.727185194	5.0727185194e+1
367.27	50.728566427	5.0728566427e+1
367.28	50.729947661	5.0729947661e+1
367.29	50.731328894	5.0731328894e+1
367.3	50.732710128	5.0732710128e+1
367.31	50.734091362	5.0734091362e+1
367.32	50.735472595	5.0735472595e+1
367.33	50.736853829	5.0736853829e+1
367.34	50.738235062	5.0738235062e+1
367.35	50.739616296	5.0739616296e+1
367.36	50.74099753	5.074099753e+1
367.37	50.742378763	5.0742378763e+1
367.38	50.743759997	5.0743759997e+1
367.39	50.74514123	5.074514123e+1
367.4	50.746522464	5.0746522464e+1
367.41	50.747903698	5.0747903698e+1
367.42	50.749284931	5.0749284931e+1
367.43	50.750666165	5.0750666165e+1
367.44	50.752047398	5.0752047398e+1
367.45	50.753428632	5.0753428632e+1
367.46	50.754809866	5.0754809866e+1
367.47	50.756191099	5.0756191099e+1
367.48	50.757572333	5.0757572333e+1
367.49	50.758953566	5.0758953566e+1
367.5	50.7603348	5.07603348e+1
367.51	50.761716034	5.0761716034e+1
367.52	50.763097267	5.0763097267e+1
367.53	50.764478501	5.0764478501e+1
367.54	50.765859734	5.0765859734e+1
367.55	50.767240968	5.0767240968e+1
367.56	50.768622202	5.0768622202e+1
367.57	50.770003435	5.0770003435e+1
367.58	50.771384669	5.0771384669e+1
367.59	50.772765902	5.0772765902e+1
367.6	50.774147136	5.0774147136e+1

367.61	50.77552837	5.077552837e+1
367.62	50.776909603	5.0776909603e+1
367.63	50.778290837	5.0778290837e+1
367.64	50.77967207	5.077967207e+1
367.65	50.781053304	5.0781053304e+1
367.66	50.782434538	5.0782434538e+1
367.67	50.783815771	5.0783815771e+1
367.68	50.785197005	5.0785197005e+1
367.69	50.786578238	5.0786578238e+1
367.7	50.787959472	5.0787959472e+1
367.71	50.789340706	5.0789340706e+1
367.72	50.790721939	5.0790721939e+1
367.73	50.792103173	5.0792103173e+1
367.74	50.793484406	5.0793484406e+1
367.75	50.79486564	5.079486564e+1
367.76	50.796246874	5.0796246874e+1
367.77	50.797628107	5.0797628107e+1
367.78	50.799009341	5.0799009341e+1
367.79	50.800390574	5.0800390574e+1
367.8	50.801771808	5.0801771808e+1
367.81	50.803153042	5.0803153042e+1
367.82	50.804534275	5.0804534275e+1
367.83	50.805915509	5.0805915509e+1
367.84	50.807296742	5.0807296742e+1
367.85	50.808677976	5.0808677976e+1
367.86	50.81005921	5.081005921e+1
367.87	50.811440443	5.0811440443e+1
367.88	50.812821677	5.0812821677e+1
367.89	50.81420291	5.081420291e+1
367.9	50.815584144	5.0815584144e+1
367.91	50.816965378	5.0816965378e+1
367.92	50.818346611	5.0818346611e+1
367.93	50.819727845	5.0819727845e+1
367.94	50.821109078	5.0821109078e+1
367.95	50.822490312	5.0822490312e+1
367.96	50.823871546	5.0823871546e+1
367.97	50.825252779	5.0825252779e+1
367.98	50.826634013	5.0826634013e+1

367.99	50.828015246	5.0828015246e+1
368	50.82939648	5.082939648e+1
368.01	50.830777714	5.0830777714e+1
368.02	50.832158947	5.0832158947e+1
368.03	50.833540181	5.0833540181e+1
368.04	50.834921414	5.0834921414e+1
368.05	50.836302648	5.0836302648e+1
368.06	50.837683882	5.0837683882e+1
368.07	50.839065115	5.0839065115e+1
368.08	50.840446349	5.0840446349e+1
368.09	50.841827582	5.0841827582e+1
368.1	50.843208816	5.0843208816e+1
368.11	50.84459005	5.084459005e+1
368.12	50.845971283	5.0845971283e+1
368.13	50.847352517	5.0847352517e+1
368.14	50.84873375	5.084873375e+1
368.15	50.850114984	5.0850114984e+1
368.16	50.851496218	5.0851496218e+1
368.17	50.852877451	5.0852877451e+1
368.18	50.854258685	5.0854258685e+1
368.19	50.855639918	5.0855639918e+1
368.2	50.857021152	5.0857021152e+1
368.21	50.858402386	5.0858402386e+1
368.22	50.859783619	5.0859783619e+1
368.23	50.861164853	5.0861164853e+1
368.24	50.862546086	5.0862546086e+1
368.25	50.86392732	5.086392732e+1
368.26	50.865308554	5.0865308554e+1
368.27	50.866689787	5.0866689787e+1
368.28	50.868071021	5.0868071021e+1
368.29	50.869452254	5.0869452254e+1
368.3	50.870833488	5.0870833488e+1
368.31	50.872214722	5.0872214722e+1
368.32	50.873595955	5.0873595955e+1
368.33	50.874977189	5.0874977189e+1
368.34	50.876358422	5.0876358422e+1
368.35	50.877739656	5.0877739656e+1
368.36	50.87912089	5.087912089e+1

368.37	50.880502123	5.0880502123e+1
368.38	50.881883357	5.0881883357e+1
368.39	50.88326459	5.088326459e+1
368.4	50.884645824	5.0884645824e+1
368.41	50.886027058	5.0886027058e+1
368.42	50.887408291	5.0887408291e+1
368.43	50.888789525	5.0888789525e+1
368.44	50.890170758	5.0890170758e+1
368.45	50.891551992	5.0891551992e+1
368.46	50.892933226	5.0892933226e+1
368.47	50.894314459	5.0894314459e+1
368.48	50.895695693	5.0895695693e+1
368.49	50.897076926	5.0897076926e+1
368.5	50.89845816	5.089845816e+1
368.51	50.899839394	5.0899839394e+1
368.52	50.901220627	5.0901220627e+1
368.53	50.902601861	5.0902601861e+1
368.54	50.903983094	5.0903983094e+1
368.55	50.905364328	5.0905364328e+1
368.56	50.906745562	5.0906745562e+1
368.57	50.908126795	5.0908126795e+1
368.58	50.909508029	5.0909508029e+1
368.59	50.910889262	5.0910889262e+1
368.6	50.912270496	5.0912270496e+1
368.61	50.91365173	5.091365173e+1
368.62	50.915032963	5.0915032963e+1
368.63	50.916414197	5.0916414197e+1
368.64	50.91779543	5.091779543e+1
368.65	50.919176664	5.0919176664e+1
368.66	50.920557898	5.0920557898e+1
368.67	50.921939131	5.0921939131e+1
368.68	50.923320365	5.0923320365e+1
368.69	50.924701598	5.0924701598e+1
368.7	50.926082832	5.0926082832e+1
368.71	50.927464066	5.0927464066e+1
368.72	50.928845299	5.0928845299e+1
368.73	50.930226533	5.0930226533e+1
368.74	50.931607766	5.0931607766e+1

368.75	50.932989	5.0932989e+1
368.76	50.934370234	5.0934370234e+1
368.77	50.935751467	5.0935751467e+1
368.78	50.937132701	5.0937132701e+1
368.79	50.938513934	5.0938513934e+1
368.8	50.939895168	5.0939895168e+1
368.81	50.941276402	5.0941276402e+1
368.82	50.942657635	5.0942657635e+1
368.83	50.944038869	5.0944038869e+1
368.84	50.945420102	5.0945420102e+1
368.85	50.946801336	5.0946801336e+1
368.86	50.94818257	5.094818257e+1
368.87	50.949563803	5.0949563803e+1
368.88	50.950945037	5.0950945037e+1
368.89	50.95232627	5.095232627e+1
368.9	50.953707504	5.0953707504e+1
368.91	50.955088738	5.0955088738e+1
368.92	50.956469971	5.0956469971e+1
368.93	50.957851205	5.0957851205e+1
368.94	50.959232438	5.0959232438e+1
368.95	50.960613672	5.0960613672e+1
368.96	50.961994906	5.0961994906e+1
368.97	50.963376139	5.0963376139e+1
368.98	50.964757373	5.0964757373e+1
368.99	50.966138606	5.0966138606e+1
369	50.96751984	5.096751984e+1
369.01	50.968901074	5.0968901074e+1
369.02	50.970282307	5.0970282307e+1
369.03	50.971663541	5.0971663541e+1
369.04	50.973044774	5.0973044774e+1
369.05	50.974426008	5.0974426008e+1
369.06	50.975807242	5.0975807242e+1
369.07	50.977188475	5.0977188475e+1
369.08	50.978569709	5.0978569709e+1
369.09	50.979950942	5.0979950942e+1
369.1	50.981332176	5.0981332176e+1
369.11	50.98271341	5.098271341e+1
369.12	50.984094643	5.0984094643e+1

369.13	50.985475877	5.0985475877e+1
369.14	50.98685711	5.098685711e+1
369.15	50.988238344	5.0988238344e+1
369.16	50.989619578	5.0989619578e+1
369.17	50.991000811	5.0991000811e+1
369.18	50.992382045	5.0992382045e+1
369.19	50.993763278	5.0993763278e+1
369.2	50.995144512	5.0995144512e+1
369.21	50.996525746	5.0996525746e+1
369.22	50.997906979	5.0997906979e+1
369.23	50.999288213	5.0999288213e+1
369.24	51.000669446	5.1000669446e+1
369.25	51.00205068	5.100205068e+1
369.26	51.003431914	5.1003431914e+1
369.27	51.004813147	5.1004813147e+1
369.28	51.006194381	5.1006194381e+1
369.29	51.007575614	5.1007575614e+1
369.3	51.008956848	5.1008956848e+1
369.31	51.010338082	5.1010338082e+1
369.32	51.011719315	5.1011719315e+1
369.33	51.013100549	5.1013100549e+1
369.34	51.014481782	5.1014481782e+1
369.35	51.015863016	5.1015863016e+1
369.36	51.01724425	5.101724425e+1
369.37	51.018625483	5.1018625483e+1
369.38	51.020006717	5.1020006717e+1
369.39	51.02138795	5.102138795e+1
369.4	51.022769184	5.1022769184e+1
369.41	51.024150418	5.1024150418e+1
369.42	51.025531651	5.1025531651e+1
369.43	51.026912885	5.1026912885e+1
369.44	51.028294118	5.1028294118e+1
369.45	51.029675352	5.1029675352e+1
369.46	51.031056586	5.1031056586e+1
369.47	51.032437819	5.1032437819e+1
369.48	51.033819053	5.1033819053e+1
369.49	51.035200286	5.1035200286e+1
369.5	51.03658152	5.103658152e+1

369.51	51.037962754	5.1037962754e+1
369.52	51.039343987	5.1039343987e+1
369.53	51.040725221	5.1040725221e+1
369.54	51.042106454	5.1042106454e+1
369.55	51.043487688	5.1043487688e+1
369.56	51.044868922	5.1044868922e+1
369.57	51.046250155	5.1046250155e+1
369.58	51.047631389	5.1047631389e+1
369.59	51.049012622	5.1049012622e+1
369.6	51.050393856	5.1050393856e+1
369.61	51.05177509	5.105177509e+1
369.62	51.053156323	5.1053156323e+1
369.63	51.054537557	5.1054537557e+1
369.64	51.05591879	5.105591879e+1
369.65	51.057300024	5.1057300024e+1
369.66	51.058681258	5.1058681258e+1
369.67	51.060062491	5.1060062491e+1
369.68	51.061443725	5.1061443725e+1
369.69	51.062824958	5.1062824958e+1
369.7	51.064206192	5.1064206192e+1
369.71	51.065587426	5.1065587426e+1
369.72	51.066968659	5.1066968659e+1
369.73	51.068349893	5.1068349893e+1
369.74	51.069731126	5.1069731126e+1
369.75	51.07111236	5.107111236e+1
369.76	51.072493594	5.1072493594e+1
369.77	51.073874827	5.1073874827e+1
369.78	51.075256061	5.1075256061e+1
369.79	51.076637294	5.1076637294e+1
369.8	51.078018528	5.1078018528e+1
369.81	51.079399762	5.1079399762e+1
369.82	51.080780995	5.1080780995e+1
369.83	51.082162229	5.1082162229e+1
369.84	51.083543462	5.1083543462e+1
369.85	51.084924696	5.1084924696e+1
369.86	51.08630593	5.108630593e+1
369.87	51.087687163	5.1087687163e+1
369.88	51.089068397	5.1089068397e+1

369.89	51.09044963	5.109044963e+1
369.9	51.091830864	5.1091830864e+1
369.91	51.093212098	5.1093212098e+1
369.92	51.094593331	5.1094593331e+1
369.93	51.095974565	5.1095974565e+1
369.94	51.097355798	5.1097355798e+1
369.95	51.098737032	5.1098737032e+1
369.96	51.100118266	5.1100118266e+1
369.97	51.101499499	5.1101499499e+1
369.98	51.102880733	5.1102880733e+1
369.99	51.104261966	5.1104261966e+1
370	51.1056432	5.11056432e+1
370.01	51.107024434	5.1107024434e+1
370.02	51.108405667	5.1108405667e+1
370.03	51.109786901	5.1109786901e+1
370.04	51.111168134	5.1111168134e+1
370.05	51.112549368	5.1112549368e+1
370.06	51.113930602	5.1113930602e+1
370.07	51.115311835	5.1115311835e+1
370.08	51.116693069	5.1116693069e+1
370.09	51.118074302	5.1118074302e+1
370.1	51.119455536	5.1119455536e+1
370.11	51.12083677	5.112083677e+1
370.12	51.122218003	5.1122218003e+1
370.13	51.123599237	5.1123599237e+1
370.14	51.12498047	5.112498047e+1
370.15	51.126361704	5.1126361704e+1
370.16	51.127742938	5.1127742938e+1
370.17	51.129124171	5.1129124171e+1
370.18	51.130505405	5.1130505405e+1
370.19	51.131886638	5.1131886638e+1
370.2	51.133267872	5.1133267872e+1
370.21	51.134649106	5.1134649106e+1
370.22	51.136030339	5.1136030339e+1
370.23	51.137411573	5.1137411573e+1
370.24	51.138792806	5.1138792806e+1
370.25	51.14017404	5.114017404e+1
370.26	51.141555274	5.1141555274e+1

370.27	51.142936507	5.1142936507e+1
370.28	51.144317741	5.1144317741e+1
370.29	51.145698974	5.1145698974e+1
370.3	51.147080208	5.1147080208e+1
370.31	51.148461442	5.1148461442e+1
370.32	51.149842675	5.1149842675e+1
370.33	51.151223909	5.1151223909e+1
370.34	51.152605142	5.1152605142e+1
370.35	51.153986376	5.1153986376e+1
370.36	51.15536761	5.115536761e+1
370.37	51.156748843	5.1156748843e+1
370.38	51.158130077	5.1158130077e+1
370.39	51.15951131	5.115951131e+1
370.4	51.160892544	5.1160892544e+1
370.41	51.162273778	5.1162273778e+1
370.42	51.163655011	5.1163655011e+1
370.43	51.165036245	5.1165036245e+1
370.44	51.166417478	5.1166417478e+1
370.45	51.167798712	5.1167798712e+1
370.46	51.169179946	5.1169179946e+1
370.47	51.170561179	5.1170561179e+1
370.48	51.171942413	5.1171942413e+1
370.49	51.173323646	5.1173323646e+1
370.5	51.17470488	5.117470488e+1
370.51	51.176086114	5.1176086114e+1
370.52	51.177467347	5.1177467347e+1
370.53	51.178848581	5.1178848581e+1
370.54	51.180229814	5.1180229814e+1
370.55	51.181611048	5.1181611048e+1
370.56	51.182992282	5.1182992282e+1
370.57	51.184373515	5.1184373515e+1
370.58	51.185754749	5.1185754749e+1
370.59	51.187135982	5.1187135982e+1
370.6	51.188517216	5.1188517216e+1
370.61	51.18989845	5.118989845e+1
370.62	51.191279683	5.1191279683e+1
370.63	51.192660917	5.1192660917e+1
370.64	51.19404215	5.119404215e+1

370.65	51.195423384	5.1195423384e+1
370.66	51.196804618	5.1196804618e+1
370.67	51.198185851	5.1198185851e+1
370.68	51.199567085	5.1199567085e+1
370.69	51.200948318	5.1200948318e+1
370.7	51.202329552	5.1202329552e+1
370.71	51.203710786	5.1203710786e+1
370.72	51.205092019	5.1205092019e+1
370.73	51.206473253	5.1206473253e+1
370.74	51.207854486	5.1207854486e+1
370.75	51.20923572	5.120923572e+1
370.76	51.210616954	5.1210616954e+1
370.77	51.211998187	5.1211998187e+1
370.78	51.213379421	5.1213379421e+1
370.79	51.214760654	5.1214760654e+1
370.8	51.216141888	5.1216141888e+1
370.81	51.217523122	5.1217523122e+1
370.82	51.218904355	5.1218904355e+1
370.83	51.220285589	5.1220285589e+1
370.84	51.221666822	5.1221666822e+1
370.85	51.223048056	5.1223048056e+1
370.86	51.22442929	5.122442929e+1
370.87	51.225810523	5.1225810523e+1
370.88	51.227191757	5.1227191757e+1
370.89	51.22857299	5.122857299e+1
370.9	51.229954224	5.1229954224e+1
370.91	51.231335458	5.1231335458e+1
370.92	51.232716691	5.1232716691e+1
370.93	51.234097925	5.1234097925e+1
370.94	51.235479158	5.1235479158e+1
370.95	51.236860392	5.1236860392e+1
370.96	51.238241626	5.1238241626e+1
370.97	51.239622859	5.1239622859e+1
370.98	51.241004093	5.1241004093e+1
370.99	51.242385326	5.1242385326e+1
371	51.24376656	5.124376656e+1
371.01	51.245147794	5.1245147794e+1
371.02	51.246529027	5.1246529027e+1

371.03	51.247910261	5.1247910261e+1
371.04	51.249291494	5.1249291494e+1
371.05	51.250672728	5.1250672728e+1
371.06	51.252053962	5.1252053962e+1
371.07	51.253435195	5.1253435195e+1
371.08	51.254816429	5.1254816429e+1
371.09	51.256197662	5.1256197662e+1
371.1	51.257578896	5.1257578896e+1
371.11	51.25896013	5.125896013e+1
371.12	51.260341363	5.1260341363e+1
371.13	51.261722597	5.1261722597e+1
371.14	51.26310383	5.126310383e+1
371.15	51.264485064	5.1264485064e+1
371.16	51.265866298	5.1265866298e+1
371.17	51.267247531	5.1267247531e+1
371.18	51.268628765	5.1268628765e+1
371.19	51.270009998	5.1270009998e+1
371.2	51.271391232	5.1271391232e+1
371.21	51.272772466	5.1272772466e+1
371.22	51.274153699	5.1274153699e+1
371.23	51.275534933	5.1275534933e+1
371.24	51.276916166	5.1276916166e+1
371.25	51.2782974	5.12782974e+1
371.26	51.279678634	5.1279678634e+1
371.27	51.281059867	5.1281059867e+1
371.28	51.282441101	5.1282441101e+1
371.29	51.283822334	5.1283822334e+1
371.3	51.285203568	5.1285203568e+1
371.31	51.286584802	5.1286584802e+1
371.32	51.287966035	5.1287966035e+1
371.33	51.289347269	5.1289347269e+1
371.34	51.290728502	5.1290728502e+1
371.35	51.292109736	5.1292109736e+1
371.36	51.29349097	5.129349097e+1
371.37	51.294872203	5.1294872203e+1
371.38	51.296253437	5.1296253437e+1
371.39	51.29763467	5.129763467e+1
371.4	51.299015904	5.1299015904e+1

371.41	51.300397138	5.1300397138e+1
371.42	51.301778371	5.1301778371e+1
371.43	51.303159605	5.1303159605e+1
371.44	51.304540838	5.1304540838e+1
371.45	51.305922072	5.1305922072e+1
371.46	51.307303306	5.1307303306e+1
371.47	51.308684539	5.1308684539e+1
371.48	51.310065773	5.1310065773e+1
371.49	51.311447006	5.1311447006e+1
371.5	51.31282824	5.131282824e+1
371.51	51.314209474	5.1314209474e+1
371.52	51.315590707	5.1315590707e+1
371.53	51.316971941	5.1316971941e+1
371.54	51.318353174	5.1318353174e+1
371.55	51.319734408	5.1319734408e+1
371.56	51.321115642	5.1321115642e+1
371.57	51.322496875	5.1322496875e+1
371.58	51.323878109	5.1323878109e+1
371.59	51.325259342	5.1325259342e+1
371.6	51.326640576	5.1326640576e+1
371.61	51.32802181	5.132802181e+1
371.62	51.329403043	5.1329403043e+1
371.63	51.330784277	5.1330784277e+1
371.64	51.33216551	5.133216551e+1
371.65	51.333546744	5.1333546744e+1
371.66	51.334927978	5.1334927978e+1
371.67	51.336309211	5.1336309211e+1
371.68	51.337690445	5.1337690445e+1
371.69	51.339071678	5.1339071678e+1
371.7	51.340452912	5.1340452912e+1
371.71	51.341834146	5.1341834146e+1
371.72	51.343215379	5.1343215379e+1
371.73	51.344596613	5.1344596613e+1
371.74	51.345977846	5.1345977846e+1
371.75	51.34735908	5.134735908e+1
371.76	51.348740314	5.1348740314e+1
371.77	51.350121547	5.1350121547e+1
371.78	51.351502781	5.1351502781e+1

371.79	51.352884014	5.1352884014e+1
371.8	51.354265248	5.1354265248e+1
371.81	51.355646482	5.1355646482e+1
371.82	51.357027715	5.1357027715e+1
371.83	51.358408949	5.1358408949e+1
371.84	51.359790182	5.1359790182e+1
371.85	51.361171416	5.1361171416e+1
371.86	51.36255265	5.136255265e+1
371.87	51.363933883	5.1363933883e+1
371.88	51.365315117	5.1365315117e+1
371.89	51.36669635	5.136669635e+1
371.9	51.368077584	5.1368077584e+1
371.91	51.369458818	5.1369458818e+1
371.92	51.370840051	5.1370840051e+1
371.93	51.372221285	5.1372221285e+1
371.94	51.373602518	5.1373602518e+1
371.95	51.374983752	5.1374983752e+1
371.96	51.376364986	5.1376364986e+1
371.97	51.377746219	5.1377746219e+1
371.98	51.379127453	5.1379127453e+1
371.99	51.380508686	5.1380508686e+1
372	51.38188992	5.138188992e+1
372.01	51.383271154	5.1383271154e+1
372.02	51.384652387	5.1384652387e+1
372.03	51.386033621	5.1386033621e+1
372.04	51.387414854	5.1387414854e+1
372.05	51.388796088	5.1388796088e+1
372.06	51.390177322	5.1390177322e+1
372.07	51.391558555	5.1391558555e+1
372.08	51.392939789	5.1392939789e+1
372.09	51.394321022	5.1394321022e+1
372.1	51.395702256	5.1395702256e+1
372.11	51.39708349	5.139708349e+1
372.12	51.398464723	5.1398464723e+1
372.13	51.399845957	5.1399845957e+1
372.14	51.40122719	5.140122719e+1
372.15	51.402608424	5.1402608424e+1
372.16	51.403989658	5.1403989658e+1

372.17	51.405370891	5.1405370891e+1
372.18	51.406752125	5.1406752125e+1
372.19	51.408133358	5.1408133358e+1
372.2	51.409514592	5.1409514592e+1
372.21	51.410895826	5.1410895826e+1
372.22	51.412277059	5.1412277059e+1
372.23	51.413658293	5.1413658293e+1
372.24	51.415039526	5.1415039526e+1
372.25	51.41642076	5.141642076e+1
372.26	51.417801994	5.1417801994e+1
372.27	51.419183227	5.1419183227e+1
372.28	51.420564461	5.1420564461e+1
372.29	51.421945694	5.1421945694e+1
372.3	51.423326928	5.1423326928e+1
372.31	51.424708162	5.1424708162e+1
372.32	51.426089395	5.1426089395e+1
372.33	51.427470629	5.1427470629e+1
372.34	51.428851862	5.1428851862e+1
372.35	51.430233096	5.1430233096e+1
372.36	51.43161433	5.143161433e+1
372.37	51.432995563	5.1432995563e+1
372.38	51.434376797	5.1434376797e+1
372.39	51.43575803	5.143575803e+1
372.4	51.437139264	5.1437139264e+1
372.41	51.438520498	5.1438520498e+1
372.42	51.439901731	5.1439901731e+1
372.43	51.441282965	5.1441282965e+1
372.44	51.442664198	5.1442664198e+1
372.45	51.444045432	5.1444045432e+1
372.46	51.445426666	5.1445426666e+1
372.47	51.446807899	5.1446807899e+1
372.48	51.448189133	5.1448189133e+1
372.49	51.449570366	5.1449570366e+1
372.5	51.4509516	5.14509516e+1
372.51	51.452332834	5.1452332834e+1
372.52	51.453714067	5.1453714067e+1
372.53	51.455095301	5.1455095301e+1
372.54	51.456476534	5.1456476534e+1

372.55	51.457857768	5.1457857768e+1
372.56	51.459239002	5.1459239002e+1
372.57	51.460620235	5.1460620235e+1
372.58	51.462001469	5.1462001469e+1
372.59	51.463382702	5.1463382702e+1
372.6	51.464763936	5.1464763936e+1
372.61	51.46614517	5.146614517e+1
372.62	51.467526403	5.1467526403e+1
372.63	51.468907637	5.1468907637e+1
372.64	51.47028887	5.147028887e+1
372.65	51.471670104	5.1471670104e+1
372.66	51.473051338	5.1473051338e+1
372.67	51.474432571	5.1474432571e+1
372.68	51.475813805	5.1475813805e+1
372.69	51.477195038	5.1477195038e+1
372.7	51.478576272	5.1478576272e+1
372.71	51.479957506	5.1479957506e+1
372.72	51.481338739	5.1481338739e+1
372.73	51.482719973	5.1482719973e+1
372.74	51.484101206	5.1484101206e+1
372.75	51.48548244	5.148548244e+1
372.76	51.486863674	5.1486863674e+1
372.77	51.488244907	5.1488244907e+1
372.78	51.489626141	5.1489626141e+1
372.79	51.491007374	5.1491007374e+1
372.8	51.492388608	5.1492388608e+1
372.81	51.493769842	5.1493769842e+1
372.82	51.495151075	5.1495151075e+1
372.83	51.496532309	5.1496532309e+1
372.84	51.497913542	5.1497913542e+1
372.85	51.499294776	5.1499294776e+1
372.86	51.50067601	5.150067601e+1
372.87	51.502057243	5.1502057243e+1
372.88	51.503438477	5.1503438477e+1
372.89	51.50481971	5.150481971e+1
372.9	51.506200944	5.1506200944e+1
372.91	51.507582178	5.1507582178e+1
372.92	51.508963411	5.1508963411e+1

372.93	51.510344645	5.1510344645e+1
372.94	51.511725878	5.1511725878e+1
372.95	51.513107112	5.1513107112e+1
372.96	51.514488346	5.1514488346e+1
372.97	51.515869579	5.1515869579e+1
372.98	51.517250813	5.1517250813e+1
372.99	51.518632046	5.1518632046e+1
373	51.52001328	5.152001328e+1
373.01	51.521394514	5.1521394514e+1
373.02	51.522775747	5.1522775747e+1
373.03	51.524156981	5.1524156981e+1
373.04	51.525538214	5.1525538214e+1
373.05	51.526919448	5.1526919448e+1
373.06	51.528300682	5.1528300682e+1
373.07	51.529681915	5.1529681915e+1
373.08	51.531063149	5.1531063149e+1
373.09	51.532444382	5.1532444382e+1
373.1	51.533825616	5.1533825616e+1
373.11	51.53520685	5.153520685e+1
373.12	51.536588083	5.1536588083e+1
373.13	51.537969317	5.1537969317e+1
373.14	51.53935055	5.153935055e+1
373.15	51.540731784	5.1540731784e+1
373.16	51.542113018	5.1542113018e+1
373.17	51.543494251	5.1543494251e+1
373.18	51.544875485	5.1544875485e+1
373.19	51.546256718	5.1546256718e+1
373.2	51.547637952	5.1547637952e+1
373.21	51.549019186	5.1549019186e+1
373.22	51.550400419	5.1550400419e+1
373.23	51.551781653	5.1551781653e+1
373.24	51.553162886	5.1553162886e+1
373.25	51.55454412	5.155454412e+1
373.26	51.555925354	5.1555925354e+1
373.27	51.557306587	5.1557306587e+1
373.28	51.558687821	5.1558687821e+1
373.29	51.560069054	5.1560069054e+1
373.3	51.561450288	5.1561450288e+1

373.31	51.562831522	5.1562831522e+1
373.32	51.564212755	5.1564212755e+1
373.33	51.565593989	5.1565593989e+1
373.34	51.566975222	5.1566975222e+1
373.35	51.568356456	5.1568356456e+1
373.36	51.56973769	5.156973769e+1
373.37	51.571118923	5.1571118923e+1
373.38	51.572500157	5.1572500157e+1
373.39	51.57388139	5.157388139e+1
373.4	51.575262624	5.1575262624e+1
373.41	51.576643858	5.1576643858e+1
373.42	51.578025091	5.1578025091e+1
373.43	51.579406325	5.1579406325e+1
373.44	51.580787558	5.1580787558e+1
373.45	51.582168792	5.1582168792e+1
373.46	51.583550026	5.1583550026e+1
373.47	51.584931259	5.1584931259e+1
373.48	51.586312493	5.1586312493e+1
373.49	51.587693726	5.1587693726e+1
373.5	51.58907496	5.158907496e+1
373.51	51.590456194	5.1590456194e+1
373.52	51.591837427	5.1591837427e+1
373.53	51.593218661	5.1593218661e+1
373.54	51.594599894	5.1594599894e+1
373.55	51.595981128	5.1595981128e+1
373.56	51.597362362	5.1597362362e+1
373.57	51.598743595	5.1598743595e+1
373.58	51.600124829	5.1600124829e+1
373.59	51.601506062	5.1601506062e+1
373.6	51.602887296	5.1602887296e+1
373.61	51.60426853	5.160426853e+1
373.62	51.605649763	5.1605649763e+1
373.63	51.607030997	5.1607030997e+1
373.64	51.60841223	5.160841223e+1
373.65	51.609793464	5.1609793464e+1
373.66	51.611174698	5.1611174698e+1
373.67	51.612555931	5.1612555931e+1
373.68	51.613937165	5.1613937165e+1

373.69	51.615318398	5.1615318398e+1
373.7	51.616699632	5.1616699632e+1
373.71	51.618080866	5.1618080866e+1
373.72	51.619462099	5.1619462099e+1
373.73	51.620843333	5.1620843333e+1
373.74	51.622224566	5.1622224566e+1
373.75	51.6236058	5.16236058e+1
373.76	51.624987034	5.1624987034e+1
373.77	51.626368267	5.1626368267e+1
373.78	51.627749501	5.1627749501e+1
373.79	51.629130734	5.1629130734e+1
373.8	51.630511968	5.1630511968e+1
373.81	51.631893202	5.1631893202e+1
373.82	51.633274435	5.1633274435e+1
373.83	51.634655669	5.1634655669e+1
373.84	51.636036902	5.1636036902e+1
373.85	51.637418136	5.1637418136e+1
373.86	51.63879937	5.163879937e+1
373.87	51.640180603	5.1640180603e+1
373.88	51.641561837	5.1641561837e+1
373.89	51.64294307	5.164294307e+1
373.9	51.644324304	5.1644324304e+1
373.91	51.645705538	5.1645705538e+1
373.92	51.647086771	5.1647086771e+1
373.93	51.648468005	5.1648468005e+1
373.94	51.649849238	5.1649849238e+1
373.95	51.651230472	5.1651230472e+1
373.96	51.652611706	5.1652611706e+1
373.97	51.653992939	5.1653992939e+1
373.98	51.655374173	5.1655374173e+1
373.99	51.656755406	5.1656755406e+1
374	51.65813664	5.165813664e+1
374.01	51.659517874	5.1659517874e+1
374.02	51.660899107	5.1660899107e+1
374.03	51.662280341	5.1662280341e+1
374.04	51.663661574	5.1663661574e+1
374.05	51.665042808	5.1665042808e+1
374.06	51.666424042	5.1666424042e+1

374.07	51.667805275	5.1667805275e+1
374.08	51.669186509	5.1669186509e+1
374.09	51.670567742	5.1670567742e+1
374.1	51.671948976	5.1671948976e+1
374.11	51.67333021	5.167333021e+1
374.12	51.674711443	5.1674711443e+1
374.13	51.676092677	5.1676092677e+1
374.14	51.67747391	5.167747391e+1
374.15	51.678855144	5.1678855144e+1
374.16	51.680236378	5.1680236378e+1
374.17	51.681617611	5.1681617611e+1
374.18	51.682998845	5.1682998845e+1
374.19	51.684380078	5.1684380078e+1
374.2	51.685761312	5.1685761312e+1
374.21	51.687142546	5.1687142546e+1
374.22	51.688523779	5.1688523779e+1
374.23	51.689905013	5.1689905013e+1
374.24	51.691286246	5.1691286246e+1
374.25	51.69266748	5.169266748e+1
374.26	51.694048714	5.1694048714e+1
374.27	51.695429947	5.1695429947e+1
374.28	51.696811181	5.1696811181e+1
374.29	51.698192414	5.1698192414e+1
374.3	51.699573648	5.1699573648e+1
374.31	51.700954882	5.1700954882e+1
374.32	51.702336115	5.1702336115e+1
374.33	51.703717349	5.1703717349e+1
374.34	51.705098582	5.1705098582e+1
374.35	51.706479816	5.1706479816e+1
374.36	51.70786105	5.170786105e+1
374.37	51.709242283	5.1709242283e+1
374.38	51.710623517	5.1710623517e+1
374.39	51.71200475	5.171200475e+1
374.4	51.713385984	5.1713385984e+1
374.41	51.714767218	5.1714767218e+1
374.42	51.716148451	5.1716148451e+1
374.43	51.717529685	5.1717529685e+1
374.44	51.718910918	5.1718910918e+1

374.45	51.720292152	5.1720292152e+1
374.46	51.721673386	5.1721673386e+1
374.47	51.723054619	5.1723054619e+1
374.48	51.724435853	5.1724435853e+1
374.49	51.725817086	5.1725817086e+1
374.5	51.72719832	5.172719832e+1
374.51	51.728579554	5.1728579554e+1
374.52	51.729960787	5.1729960787e+1
374.53	51.731342021	5.1731342021e+1
374.54	51.732723254	5.1732723254e+1
374.55	51.734104488	5.1734104488e+1
374.56	51.735485722	5.1735485722e+1
374.57	51.736866955	5.17368666955e+1
374.58	51.738248189	5.1738248189e+1
374.59	51.739629422	5.1739629422e+1
374.6	51.741010656	5.1741010656e+1
374.61	51.74239189	5.174239189e+1
374.62	51.743773123	5.1743773123e+1
374.63	51.745154357	5.1745154357e+1
374.64	51.74653559	5.174653559e+1
374.65	51.747916824	5.1747916824e+1
374.66	51.749298058	5.1749298058e+1
374.67	51.750679291	5.1750679291e+1
374.68	51.752060525	5.1752060525e+1
374.69	51.753441758	5.1753441758e+1
374.7	51.754822992	5.1754822992e+1
374.71	51.756204226	5.1756204226e+1
374.72	51.757585459	5.1757585459e+1
374.73	51.758966693	5.1758966693e+1
374.74	51.760347926	5.1760347926e+1
374.75	51.76172916	5.176172916e+1
374.76	51.763110394	5.1763110394e+1
374.77	51.764491627	5.1764491627e+1
374.78	51.765872861	5.1765872861e+1
374.79	51.767254094	5.1767254094e+1
374.8	51.768635328	5.1768635328e+1
374.81	51.770016562	5.1770016562e+1
374.82	51.771397795	5.1771397795e+1

374.83	51.772779029	5.1772779029e+1
374.84	51.774160262	5.1774160262e+1
374.85	51.775541496	5.1775541496e+1
374.86	51.77692273	5.177692273e+1
374.87	51.778303963	5.1778303963e+1
374.88	51.779685197	5.1779685197e+1
374.89	51.78106643	5.178106643e+1
374.9	51.782447664	5.1782447664e+1
374.91	51.783828898	5.1783828898e+1
374.92	51.785210131	5.1785210131e+1
374.93	51.786591365	5.1786591365e+1
374.94	51.787972598	5.1787972598e+1
374.95	51.789353832	5.1789353832e+1
374.96	51.790735066	5.1790735066e+1
374.97	51.792116299	5.1792116299e+1
374.98	51.793497533	5.1793497533e+1
374.99	51.794878766	5.1794878766e+1
375	51.79626	5.179626e+1
375.01	51.797641234	5.1797641234e+1
375.02	51.799022467	5.1799022467e+1
375.03	51.800403701	5.1800403701e+1
375.04	51.801784934	5.1801784934e+1
375.05	51.803166168	5.1803166168e+1
375.06	51.804547402	5.1804547402e+1
375.07	51.805928635	5.1805928635e+1
375.08	51.807309869	5.1807309869e+1
375.09	51.808691102	5.1808691102e+1
375.1	51.810072336	5.1810072336e+1
375.11	51.81145357	5.181145357e+1
375.12	51.812834803	5.1812834803e+1
375.13	51.814216037	5.1814216037e+1
375.14	51.81559727	5.181559727e+1
375.15	51.816978504	5.1816978504e+1
375.16	51.818359738	5.1818359738e+1
375.17	51.819740971	5.1819740971e+1
375.18	51.821122205	5.1821122205e+1
375.19	51.822503438	5.1822503438e+1
375.2	51.823884672	5.1823884672e+1

375.21	51.825265906	5.1825265906e+1
375.22	51.826647139	5.1826647139e+1
375.23	51.828028373	5.1828028373e+1
375.24	51.829409606	5.1829409606e+1
375.25	51.83079084	5.183079084e+1
375.26	51.832172074	5.1832172074e+1
375.27	51.833553307	5.1833553307e+1
375.28	51.834934541	5.1834934541e+1
375.29	51.836315774	5.1836315774e+1
375.3	51.837697008	5.1837697008e+1
375.31	51.839078242	5.1839078242e+1
375.32	51.840459475	5.1840459475e+1
375.33	51.841840709	5.1841840709e+1
375.34	51.843221942	5.1843221942e+1
375.35	51.844603176	5.1844603176e+1
375.36	51.84598441	5.184598441e+1
375.37	51.847365643	5.1847365643e+1
375.38	51.848746877	5.1848746877e+1
375.39	51.85012811	5.185012811e+1
375.4	51.851509344	5.1851509344e+1
375.41	51.852890578	5.1852890578e+1
375.42	51.854271811	5.1854271811e+1
375.43	51.855653045	5.1855653045e+1
375.44	51.857034278	5.1857034278e+1
375.45	51.858415512	5.1858415512e+1
375.46	51.859796746	5.1859796746e+1
375.47	51.861177979	5.1861177979e+1
375.48	51.862559213	5.1862559213e+1
375.49	51.863940446	5.1863940446e+1
375.5	51.86532168	5.186532168e+1
375.51	51.866702914	5.1866702914e+1
375.52	51.868084147	5.1868084147e+1
375.53	51.869465381	5.1869465381e+1
375.54	51.870846614	5.1870846614e+1
375.55	51.872227848	5.1872227848e+1
375.56	51.873609082	5.1873609082e+1
375.57	51.874990315	5.1874990315e+1
375.58	51.876371549	5.1876371549e+1

375.59	51.877752782	5.1877752782e+1
375.6	51.879134016	5.1879134016e+1
375.61	51.88051525	5.188051525e+1
375.62	51.881896483	5.1881896483e+1
375.63	51.883277717	5.1883277717e+1
375.64	51.88465895	5.188465895e+1
375.65	51.886040184	5.1886040184e+1
375.66	51.887421418	5.1887421418e+1
375.67	51.888802651	5.1888802651e+1
375.68	51.890183885	5.1890183885e+1
375.69	51.891565118	5.1891565118e+1
375.7	51.892946352	5.1892946352e+1
375.71	51.894327586	5.1894327586e+1
375.72	51.895708819	5.1895708819e+1
375.73	51.897090053	5.1897090053e+1
375.74	51.898471286	5.1898471286e+1
375.75	51.89985252	5.189985252e+1
375.76	51.901233754	5.1901233754e+1
375.77	51.902614987	5.1902614987e+1
375.78	51.903996221	5.1903996221e+1
375.79	51.905377454	5.1905377454e+1
375.8	51.906758688	5.1906758688e+1
375.81	51.908139922	5.1908139922e+1
375.82	51.909521155	5.1909521155e+1
375.83	51.910902389	5.1910902389e+1
375.84	51.912283622	5.1912283622e+1
375.85	51.913664856	5.1913664856e+1
375.86	51.91504609	5.191504609e+1
375.87	51.916427323	5.1916427323e+1
375.88	51.917808557	5.1917808557e+1
375.89	51.91918979	5.191918979e+1
375.9	51.920571024	5.1920571024e+1
375.91	51.921952258	5.1921952258e+1
375.92	51.923333491	5.1923333491e+1
375.93	51.924714725	5.1924714725e+1
375.94	51.926095958	5.1926095958e+1
375.95	51.927477192	5.1927477192e+1
375.96	51.928858426	5.1928858426e+1

375.97	51.930239659	5.1930239659e+1
375.98	51.931620893	5.1931620893e+1
375.99	51.933002126	5.1933002126e+1
376	51.93438336	5.193438336e+1
376.01	51.935764594	5.1935764594e+1
376.02	51.937145827	5.1937145827e+1
376.03	51.938527061	5.1938527061e+1
376.04	51.939908294	5.1939908294e+1
376.05	51.941289528	5.1941289528e+1
376.06	51.942670762	5.1942670762e+1
376.07	51.944051995	5.1944051995e+1
376.08	51.945433229	5.1945433229e+1
376.09	51.946814462	5.1946814462e+1
376.1	51.948195696	5.1948195696e+1
376.11	51.94957693	5.194957693e+1
376.12	51.950958163	5.1950958163e+1
376.13	51.952339397	5.1952339397e+1
376.14	51.95372063	5.195372063e+1
376.15	51.955101864	5.1955101864e+1
376.16	51.956483098	5.1956483098e+1
376.17	51.957864331	5.1957864331e+1
376.18	51.959245565	5.1959245565e+1
376.19	51.960626798	5.1960626798e+1
376.2	51.962008032	5.1962008032e+1
376.21	51.963389266	5.1963389266e+1
376.22	51.964770499	5.1964770499e+1
376.23	51.966151733	5.1966151733e+1
376.24	51.967532966	5.1967532966e+1
376.25	51.9689142	5.19689142e+1
376.26	51.970295434	5.1970295434e+1
376.27	51.971676667	5.1971676667e+1
376.28	51.973057901	5.1973057901e+1
376.29	51.974439134	5.1974439134e+1
376.3	51.975820368	5.1975820368e+1
376.31	51.977201602	5.1977201602e+1
376.32	51.978582835	5.1978582835e+1
376.33	51.979964069	5.1979964069e+1
376.34	51.981345302	5.1981345302e+1

376.35	51.982726536	5.1982726536e+1
376.36	51.98410777	5.198410777e+1
376.37	51.985489003	5.1985489003e+1
376.38	51.986870237	5.1986870237e+1
376.39	51.98825147	5.198825147e+1
376.4	51.989632704	5.1989632704e+1
376.41	51.991013938	5.1991013938e+1
376.42	51.992395171	5.1992395171e+1
376.43	51.993776405	5.1993776405e+1
376.44	51.995157638	5.1995157638e+1
376.45	51.996538872	5.1996538872e+1
376.46	51.997920106	5.1997920106e+1
376.47	51.999301339	5.1999301339e+1
376.48	52.000682573	5.2000682573e+1
376.49	52.002063806	5.2002063806e+1
376.5	52.00344504	5.200344504e+1
376.51	52.004826274	5.2004826274e+1
376.52	52.006207507	5.2006207507e+1
376.53	52.007588741	5.2007588741e+1
376.54	52.008969974	5.2008969974e+1
376.55	52.010351208	5.2010351208e+1
376.56	52.011732442	5.2011732442e+1
376.57	52.013113675	5.2013113675e+1
376.58	52.014494909	5.2014494909e+1
376.59	52.015876142	5.2015876142e+1
376.6	52.017257376	5.2017257376e+1
376.61	52.01863861	5.201863861e+1
376.62	52.020019843	5.2020019843e+1
376.63	52.021401077	5.2021401077e+1
376.64	52.02278231	5.202278231e+1
376.65	52.024163544	5.2024163544e+1
376.66	52.025544778	5.2025544778e+1
376.67	52.026926011	5.2026926011e+1
376.68	52.028307245	5.2028307245e+1
376.69	52.029688478	5.2029688478e+1
376.7	52.031069712	5.2031069712e+1
376.71	52.032450946	5.2032450946e+1
376.72	52.033832179	5.2033832179e+1

376.73	52.035213413	5.2035213413e+1
376.74	52.036594646	5.2036594646e+1
376.75	52.03797588	5.203797588e+1
376.76	52.039357114	5.2039357114e+1
376.77	52.040738347	5.2040738347e+1
376.78	52.042119581	5.2042119581e+1
376.79	52.043500814	5.2043500814e+1
376.8	52.044882048	5.2044882048e+1
376.81	52.046263282	5.2046263282e+1
376.82	52.047644515	5.2047644515e+1
376.83	52.049025749	5.2049025749e+1
376.84	52.050406982	5.2050406982e+1
376.85	52.051788216	5.2051788216e+1
376.86	52.05316945	5.205316945e+1
376.87	52.054550683	5.2054550683e+1
376.88	52.055931917	5.2055931917e+1
376.89	52.05731315	5.205731315e+1
376.9	52.058694384	5.2058694384e+1
376.91	52.060075618	5.2060075618e+1
376.92	52.061456851	5.2061456851e+1
376.93	52.062838085	5.2062838085e+1
376.94	52.064219318	5.2064219318e+1
376.95	52.065600552	5.2065600552e+1
376.96	52.066981786	5.2066981786e+1
376.97	52.068363019	5.2068363019e+1
376.98	52.069744253	5.2069744253e+1
376.99	52.071125486	5.2071125486e+1
377	52.07250672	5.207250672e+1
377.01	52.073887954	5.2073887954e+1
377.02	52.075269187	5.2075269187e+1
377.03	52.076650421	5.2076650421e+1
377.04	52.078031654	5.2078031654e+1
377.05	52.079412888	5.2079412888e+1
377.06	52.080794122	5.2080794122e+1
377.07	52.082175355	5.2082175355e+1
377.08	52.083556589	5.2083556589e+1
377.09	52.084937822	5.2084937822e+1
377.1	52.086319056	5.2086319056e+1

377.11	52.08770029	5.208770029e+1
377.12	52.089081523	5.2089081523e+1
377.13	52.090462757	5.2090462757e+1
377.14	52.09184399	5.209184399e+1
377.15	52.093225224	5.2093225224e+1
377.16	52.094606458	5.2094606458e+1
377.17	52.095987691	5.2095987691e+1
377.18	52.097368925	5.2097368925e+1
377.19	52.098750158	5.2098750158e+1
377.2	52.100131392	5.2100131392e+1
377.21	52.101512626	5.2101512626e+1
377.22	52.102893859	5.2102893859e+1
377.23	52.104275093	5.2104275093e+1
377.24	52.105656326	5.2105656326e+1
377.25	52.10703756	5.210703756e+1
377.26	52.108418794	5.2108418794e+1
377.27	52.109800027	5.2109800027e+1
377.28	52.111181261	5.2111181261e+1
377.29	52.112562494	5.2112562494e+1
377.3	52.113943728	5.2113943728e+1
377.31	52.115324962	5.2115324962e+1
377.32	52.116706195	5.2116706195e+1
377.33	52.118087429	5.2118087429e+1
377.34	52.119468662	5.2119468662e+1
377.35	52.120849896	5.2120849896e+1
377.36	52.12223113	5.212223113e+1
377.37	52.123612363	5.2123612363e+1
377.38	52.124993597	5.2124993597e+1
377.39	52.12637483	5.212637483e+1
377.4	52.127756064	5.2127756064e+1
377.41	52.129137298	5.2129137298e+1
377.42	52.130518531	5.2130518531e+1
377.43	52.131899765	5.2131899765e+1
377.44	52.133280998	5.2133280998e+1
377.45	52.134662232	5.2134662232e+1
377.46	52.136043466	5.2136043466e+1
377.47	52.137424699	5.2137424699e+1
377.48	52.138805933	5.2138805933e+1

377.49	52.140187166	5.2140187166e+1
377.5	52.1415684	5.21415684e+1
377.51	52.142949634	5.2142949634e+1
377.52	52.144330867	5.2144330867e+1
377.53	52.145712101	5.2145712101e+1
377.54	52.147093334	5.2147093334e+1
377.55	52.148474568	5.2148474568e+1
377.56	52.149855802	5.2149855802e+1
377.57	52.151237035	5.2151237035e+1
377.58	52.152618269	5.2152618269e+1
377.59	52.153999502	5.2153999502e+1
377.6	52.155380736	5.2155380736e+1
377.61	52.15676197	5.215676197e+1
377.62	52.158143203	5.2158143203e+1
377.63	52.159524437	5.2159524437e+1
377.64	52.16090567	5.216090567e+1
377.65	52.162286904	5.2162286904e+1
377.66	52.163668138	5.2163668138e+1
377.67	52.165049371	5.2165049371e+1
377.68	52.166430605	5.2166430605e+1
377.69	52.167811838	5.2167811838e+1
377.7	52.169193072	5.2169193072e+1
377.71	52.170574306	5.2170574306e+1
377.72	52.171955539	5.2171955539e+1
377.73	52.173336773	5.2173336773e+1
377.74	52.174718006	5.2174718006e+1
377.75	52.17609924	5.217609924e+1
377.76	52.177480474	5.2177480474e+1
377.77	52.178861707	5.2178861707e+1
377.78	52.180242941	5.2180242941e+1
377.79	52.181624174	5.2181624174e+1
377.8	52.183005408	5.2183005408e+1
377.81	52.184386642	5.2184386642e+1
377.82	52.185767875	5.2185767875e+1
377.83	52.187149109	5.2187149109e+1
377.84	52.188530342	5.2188530342e+1
377.85	52.189911576	5.2189911576e+1
377.86	52.19129281	5.219129281e+1

377.87	52.192674043	5.2192674043e+1
377.88	52.194055277	5.2194055277e+1
377.89	52.19543651	5.219543651e+1
377.9	52.196817744	5.2196817744e+1
377.91	52.198198978	5.2198198978e+1
377.92	52.199580211	5.2199580211e+1
377.93	52.200961445	5.2200961445e+1
377.94	52.202342678	5.2202342678e+1
377.95	52.203723912	5.2203723912e+1
377.96	52.205105146	5.2205105146e+1
377.97	52.206486379	5.2206486379e+1
377.98	52.207867613	5.2207867613e+1
377.99	52.209248846	5.2209248846e+1
378	52.21063008	5.221063008e+1
378.01	52.212011314	5.2212011314e+1
378.02	52.213392547	5.2213392547e+1
378.03	52.214773781	5.2214773781e+1
378.04	52.216155014	5.2216155014e+1
378.05	52.217536248	5.2217536248e+1
378.06	52.218917482	5.2218917482e+1
378.07	52.220298715	5.2220298715e+1
378.08	52.221679949	5.2221679949e+1
378.09	52.223061182	5.2223061182e+1
378.1	52.224442416	5.2224442416e+1
378.11	52.22582365	5.222582365e+1
378.12	52.227204883	5.2227204883e+1
378.13	52.228586117	5.2228586117e+1
378.14	52.22996735	5.222996735e+1
378.15	52.231348584	5.2231348584e+1
378.16	52.232729818	5.2232729818e+1
378.17	52.234111051	5.2234111051e+1
378.18	52.235492285	5.2235492285e+1
378.19	52.236873518	5.2236873518e+1
378.2	52.238254752	5.2238254752e+1
378.21	52.239635986	5.2239635986e+1
378.22	52.241017219	5.2241017219e+1
378.23	52.242398453	5.2242398453e+1
378.24	52.243779686	5.2243779686e+1

378.25	52.24516092	5.224516092e+1
378.26	52.246542154	5.2246542154e+1
378.27	52.247923387	5.2247923387e+1
378.28	52.249304621	5.2249304621e+1
378.29	52.250685854	5.2250685854e+1
378.3	52.252067088	5.2252067088e+1
378.31	52.253448322	5.2253448322e+1
378.32	52.254829555	5.2254829555e+1
378.33	52.256210789	5.2256210789e+1
378.34	52.257592022	5.2257592022e+1
378.35	52.258973256	5.2258973256e+1
378.36	52.26035449	5.226035449e+1
378.37	52.261735723	5.2261735723e+1
378.38	52.263116957	5.2263116957e+1
378.39	52.26449819	5.226449819e+1
378.4	52.265879424	5.2265879424e+1
378.41	52.267260658	5.2267260658e+1
378.42	52.268641891	5.2268641891e+1
378.43	52.270023125	5.2270023125e+1
378.44	52.271404358	5.2271404358e+1
378.45	52.272785592	5.2272785592e+1
378.46	52.274166826	5.2274166826e+1
378.47	52.275548059	5.2275548059e+1
378.48	52.276929293	5.2276929293e+1
378.49	52.278310526	5.2278310526e+1
378.5	52.27969176	5.227969176e+1
378.51	52.281072994	5.2281072994e+1
378.52	52.282454227	5.2282454227e+1
378.53	52.283835461	5.2283835461e+1
378.54	52.285216694	5.2285216694e+1
378.55	52.286597928	5.2286597928e+1
378.56	52.287979162	5.2287979162e+1
378.57	52.289360395	5.2289360395e+1
378.58	52.290741629	5.2290741629e+1
378.59	52.292122862	5.2292122862e+1
378.6	52.293504096	5.2293504096e+1
378.61	52.29488533	5.229488533e+1
378.62	52.296266563	5.2296266563e+1

378.63	52.297647797	5.2297647797e+1
378.64	52.29902903	5.229902903e+1
378.65	52.300410264	5.2300410264e+1
378.66	52.301791498	5.2301791498e+1
378.67	52.303172731	5.2303172731e+1
378.68	52.304553965	5.2304553965e+1
378.69	52.305935198	5.2305935198e+1
378.7	52.307316432	5.2307316432e+1
378.71	52.308697666	5.2308697666e+1
378.72	52.310078899	5.2310078899e+1
378.73	52.311460133	5.2311460133e+1
378.74	52.312841366	5.2312841366e+1
378.75	52.3142226	5.23142226e+1
378.76	52.315603834	5.2315603834e+1
378.77	52.316985067	5.2316985067e+1
378.78	52.318366301	5.2318366301e+1
378.79	52.319747534	5.2319747534e+1
378.8	52.321128768	5.2321128768e+1
378.81	52.322510002	5.2322510002e+1
378.82	52.323891235	5.2323891235e+1
378.83	52.325272469	5.2325272469e+1
378.84	52.326653702	5.2326653702e+1
378.85	52.328034936	5.2328034936e+1
378.86	52.32941617	5.232941617e+1
378.87	52.330797403	5.2330797403e+1
378.88	52.332178637	5.2332178637e+1
378.89	52.33355987	5.233355987e+1
378.9	52.334941104	5.2334941104e+1
378.91	52.336322338	5.2336322338e+1
378.92	52.337703571	5.2337703571e+1
378.93	52.339084805	5.2339084805e+1
378.94	52.340466038	5.2340466038e+1
378.95	52.341847272	5.2341847272e+1
378.96	52.343228506	5.2343228506e+1
378.97	52.344609739	5.2344609739e+1
378.98	52.345990973	5.2345990973e+1
378.99	52.347372206	5.2347372206e+1
379	52.34875344	5.234875344e+1

379.01	52.350134674	5.2350134674e+1
379.02	52.351515907	5.2351515907e+1
379.03	52.352897141	5.2352897141e+1
379.04	52.354278374	5.2354278374e+1
379.05	52.355659608	5.2355659608e+1
379.06	52.357040842	5.2357040842e+1
379.07	52.358422075	5.2358422075e+1
379.08	52.359803309	5.2359803309e+1
379.09	52.361184542	5.2361184542e+1
379.1	52.362565776	5.2362565776e+1
379.11	52.36394701	5.236394701e+1
379.12	52.365328243	5.2365328243e+1
379.13	52.366709477	5.2366709477e+1
379.14	52.36809071	5.236809071e+1
379.15	52.369471944	5.2369471944e+1
379.16	52.370853178	5.2370853178e+1
379.17	52.372234411	5.2372234411e+1
379.18	52.373615645	5.2373615645e+1
379.19	52.374996878	5.2374996878e+1
379.2	52.376378112	5.2376378112e+1
379.21	52.377759346	5.2377759346e+1
379.22	52.379140579	5.2379140579e+1
379.23	52.380521813	5.2380521813e+1
379.24	52.381903046	5.2381903046e+1
379.25	52.38328428	5.238328428e+1
379.26	52.384665514	5.2384665514e+1
379.27	52.386046747	5.2386046747e+1
379.28	52.387427981	5.2387427981e+1
379.29	52.388809214	5.2388809214e+1
379.3	52.390190448	5.2390190448e+1
379.31	52.391571682	5.2391571682e+1
379.32	52.392952915	5.2392952915e+1
379.33	52.394334149	5.2394334149e+1
379.34	52.395715382	5.2395715382e+1
379.35	52.397096616	5.2397096616e+1
379.36	52.39847785	5.239847785e+1
379.37	52.399859083	5.2399859083e+1
379.38	52.401240317	5.2401240317e+1

379.39	52.40262155	5.240262155e+1
379.4	52.404002784	5.2404002784e+1
379.41	52.405384018	5.2405384018e+1
379.42	52.406765251	5.2406765251e+1
379.43	52.408146485	5.2408146485e+1
379.44	52.409527718	5.2409527718e+1
379.45	52.410908952	5.2410908952e+1
379.46	52.412290186	5.2412290186e+1
379.47	52.413671419	5.2413671419e+1
379.48	52.415052653	5.2415052653e+1
379.49	52.416433886	5.2416433886e+1
379.5	52.41781512	5.241781512e+1
379.51	52.419196354	5.2419196354e+1
379.52	52.420577587	5.2420577587e+1
379.53	52.421958821	5.2421958821e+1
379.54	52.423340054	5.2423340054e+1
379.55	52.424721288	5.2424721288e+1
379.56	52.426102522	5.2426102522e+1
379.57	52.427483755	5.2427483755e+1
379.58	52.428864989	5.2428864989e+1
379.59	52.430246222	5.2430246222e+1
379.6	52.431627456	5.2431627456e+1
379.61	52.43300869	5.243300869e+1
379.62	52.434389923	5.2434389923e+1
379.63	52.435771157	5.2435771157e+1
379.64	52.43715239	5.243715239e+1
379.65	52.438533624	5.2438533624e+1
379.66	52.439914858	5.2439914858e+1
379.67	52.441296091	5.2441296091e+1
379.68	52.442677325	5.2442677325e+1
379.69	52.444058558	5.2444058558e+1
379.7	52.445439792	5.2445439792e+1
379.71	52.446821026	5.2446821026e+1
379.72	52.448202259	5.2448202259e+1
379.73	52.449583493	5.2449583493e+1
379.74	52.450964726	5.2450964726e+1
379.75	52.45234596	5.245234596e+1
379.76	52.453727194	5.2453727194e+1

379.77	52.455108427	5.2455108427e+1
379.78	52.456489661	5.2456489661e+1
379.79	52.457870894	5.2457870894e+1
379.8	52.459252128	5.2459252128e+1
379.81	52.460633362	5.2460633362e+1
379.82	52.462014595	5.2462014595e+1
379.83	52.463395829	5.2463395829e+1
379.84	52.464777062	5.2464777062e+1
379.85	52.466158296	5.2466158296e+1
379.86	52.46753953	5.246753953e+1
379.87	52.468920763	5.2468920763e+1
379.88	52.470301997	5.2470301997e+1
379.89	52.47168323	5.247168323e+1
379.9	52.473064464	5.2473064464e+1
379.91	52.474445698	5.2474445698e+1
379.92	52.475826931	5.2475826931e+1
379.93	52.477208165	5.2477208165e+1
379.94	52.478589398	5.2478589398e+1
379.95	52.479970632	5.2479970632e+1
379.96	52.481351866	5.2481351866e+1
379.97	52.482733099	5.2482733099e+1
379.98	52.484114333	5.2484114333e+1
379.99	52.485495566	5.2485495566e+1
380	52.4868768	5.24868768e+1
380.01	52.488258034	5.2488258034e+1
380.02	52.489639267	5.2489639267e+1
380.03	52.491020501	5.2491020501e+1
380.04	52.492401734	5.2492401734e+1
380.05	52.493782968	5.2493782968e+1
380.06	52.495164202	5.2495164202e+1
380.07	52.496545435	5.2496545435e+1
380.08	52.497926669	5.2497926669e+1
380.09	52.499307902	5.2499307902e+1
380.1	52.500689136	5.2500689136e+1
380.11	52.50207037	5.250207037e+1
380.12	52.503451603	5.2503451603e+1
380.13	52.504832837	5.2504832837e+1
380.14	52.50621407	5.250621407e+1

380.15	52.507595304	5.2507595304e+1
380.16	52.508976538	5.2508976538e+1
380.17	52.510357771	5.2510357771e+1
380.18	52.511739005	5.2511739005e+1
380.19	52.513120238	5.2513120238e+1
380.2	52.514501472	5.2514501472e+1
380.21	52.515882706	5.2515882706e+1
380.22	52.517263939	5.2517263939e+1
380.23	52.518645173	5.2518645173e+1
380.24	52.520026406	5.2520026406e+1
380.25	52.52140764	5.252140764e+1
380.26	52.522788874	5.2522788874e+1
380.27	52.524170107	5.2524170107e+1
380.28	52.525551341	5.2525551341e+1
380.29	52.526932574	5.2526932574e+1
380.3	52.528313808	5.2528313808e+1
380.31	52.529695042	5.2529695042e+1
380.32	52.531076275	5.2531076275e+1
380.33	52.532457509	5.2532457509e+1
380.34	52.533838742	5.2533838742e+1
380.35	52.535219976	5.2535219976e+1
380.36	52.53660121	5.253660121e+1
380.37	52.537982443	5.2537982443e+1
380.38	52.539363677	5.2539363677e+1
380.39	52.54074491	5.254074491e+1
380.4	52.542126144	5.2542126144e+1
380.41	52.543507378	5.2543507378e+1
380.42	52.544888611	5.2544888611e+1
380.43	52.546269845	5.2546269845e+1
380.44	52.547651078	5.2547651078e+1
380.45	52.549032312	5.2549032312e+1
380.46	52.550413546	5.2550413546e+1
380.47	52.551794779	5.2551794779e+1
380.48	52.553176013	5.2553176013e+1
380.49	52.554557246	5.2554557246e+1
380.5	52.55593848	5.255593848e+1
380.51	52.557319714	5.2557319714e+1
380.52	52.558700947	5.2558700947e+1

380.53	52.560082181	5.2560082181e+1
380.54	52.561463414	5.2561463414e+1
380.55	52.562844648	5.2562844648e+1
380.56	52.564225882	5.2564225882e+1
380.57	52.565607115	5.2565607115e+1
380.58	52.566988349	5.2566988349e+1
380.59	52.568369582	5.2568369582e+1
380.6	52.569750816	5.2569750816e+1
380.61	52.57113205	5.257113205e+1
380.62	52.572513283	5.2572513283e+1
380.63	52.573894517	5.2573894517e+1
380.64	52.57527575	5.257527575e+1
380.65	52.576656984	5.2576656984e+1
380.66	52.578038218	5.2578038218e+1
380.67	52.579419451	5.2579419451e+1
380.68	52.580800685	5.2580800685e+1
380.69	52.582181918	5.2582181918e+1
380.7	52.583563152	5.2583563152e+1
380.71	52.584944386	5.2584944386e+1
380.72	52.586325619	5.2586325619e+1
380.73	52.587706853	5.2587706853e+1
380.74	52.589088086	5.2589088086e+1
380.75	52.59046932	5.259046932e+1
380.76	52.591850554	5.2591850554e+1
380.77	52.593231787	5.2593231787e+1
380.78	52.594613021	5.2594613021e+1
380.79	52.595994254	5.2595994254e+1
380.8	52.597375488	5.2597375488e+1
380.81	52.598756722	5.2598756722e+1
380.82	52.600137955	5.2600137955e+1
380.83	52.601519189	5.2601519189e+1
380.84	52.602900422	5.2602900422e+1
380.85	52.604281656	5.2604281656e+1
380.86	52.60566289	5.260566289e+1
380.87	52.607044123	5.2607044123e+1
380.88	52.608425357	5.2608425357e+1
380.89	52.60980659	5.260980659e+1
380.9	52.611187824	5.2611187824e+1

380.91	52.612569058	5.2612569058e+1
380.92	52.613950291	5.2613950291e+1
380.93	52.615331525	5.2615331525e+1
380.94	52.616712758	5.2616712758e+1
380.95	52.618093992	5.2618093992e+1
380.96	52.619475226	5.2619475226e+1
380.97	52.620856459	5.2620856459e+1
380.98	52.622237693	5.2622237693e+1
380.99	52.623618926	5.2623618926e+1
381	52.62500016	5.262500016e+1
381.01	52.626381394	5.2626381394e+1
381.02	52.627762627	5.2627762627e+1
381.03	52.629143861	5.2629143861e+1
381.04	52.630525094	5.2630525094e+1
381.05	52.631906328	5.2631906328e+1
381.06	52.633287562	5.2633287562e+1
381.07	52.634668795	5.2634668795e+1
381.08	52.636050029	5.2636050029e+1
381.09	52.637431262	5.2637431262e+1
381.1	52.638812496	5.2638812496e+1
381.11	52.64019373	5.264019373e+1
381.12	52.641574963	5.2641574963e+1
381.13	52.642956197	5.2642956197e+1
381.14	52.64433743	5.264433743e+1
381.15	52.645718664	5.2645718664e+1
381.16	52.647099898	5.2647099898e+1
381.17	52.648481131	5.2648481131e+1
381.18	52.649862365	5.2649862365e+1
381.19	52.651243598	5.2651243598e+1
381.2	52.652624832	5.2652624832e+1
381.21	52.654006066	5.2654006066e+1
381.22	52.655387299	5.2655387299e+1
381.23	52.656768533	5.2656768533e+1
381.24	52.658149766	5.2658149766e+1
381.25	52.659531	5.2659531e+1
381.26	52.660912234	5.2660912234e+1
381.27	52.662293467	5.2662293467e+1
381.28	52.663674701	5.2663674701e+1

381.29	52.665055934	5.2665055934e+1
381.3	52.666437168	5.2666437168e+1
381.31	52.667818402	5.2667818402e+1
381.32	52.669199635	5.2669199635e+1
381.33	52.670580869	5.2670580869e+1
381.34	52.671962102	5.2671962102e+1
381.35	52.673343336	5.2673343336e+1
381.36	52.67472457	5.267472457e+1
381.37	52.676105803	5.2676105803e+1
381.38	52.677487037	5.2677487037e+1
381.39	52.67886827	5.267886827e+1
381.4	52.680249504	5.2680249504e+1
381.41	52.681630738	5.2681630738e+1
381.42	52.683011971	5.2683011971e+1
381.43	52.684393205	5.2684393205e+1
381.44	52.685774438	5.2685774438e+1
381.45	52.687155672	5.2687155672e+1
381.46	52.688536906	5.2688536906e+1
381.47	52.689918139	5.2689918139e+1
381.48	52.691299373	5.2691299373e+1
381.49	52.692680606	5.2692680606e+1
381.5	52.69406184	5.269406184e+1
381.51	52.695443074	5.2695443074e+1
381.52	52.696824307	5.2696824307e+1
381.53	52.698205541	5.2698205541e+1
381.54	52.699586774	5.2699586774e+1
381.55	52.700968008	5.2700968008e+1
381.56	52.702349242	5.2702349242e+1
381.57	52.703730475	5.2703730475e+1
381.58	52.705111709	5.2705111709e+1
381.59	52.706492942	5.2706492942e+1
381.6	52.707874176	5.2707874176e+1
381.61	52.70925541	5.270925541e+1
381.62	52.710636643	5.2710636643e+1
381.63	52.712017877	5.2712017877e+1
381.64	52.71339911	5.271339911e+1
381.65	52.714780344	5.2714780344e+1
381.66	52.716161578	5.2716161578e+1

381.67	52.717542811	5.2717542811e+1
381.68	52.718924045	5.2718924045e+1
381.69	52.720305278	5.2720305278e+1
381.7	52.721686512	5.2721686512e+1
381.71	52.723067746	5.2723067746e+1
381.72	52.724448979	5.2724448979e+1
381.73	52.725830213	5.2725830213e+1
381.74	52.727211446	5.2727211446e+1
381.75	52.72859268	5.272859268e+1
381.76	52.729973914	5.2729973914e+1
381.77	52.731355147	5.2731355147e+1
381.78	52.732736381	5.2732736381e+1
381.79	52.734117614	5.2734117614e+1
381.8	52.735498848	5.2735498848e+1
381.81	52.736880082	5.2736880082e+1
381.82	52.738261315	5.2738261315e+1
381.83	52.739642549	5.2739642549e+1
381.84	52.741023782	5.2741023782e+1
381.85	52.742405016	5.2742405016e+1
381.86	52.74378625	5.274378625e+1
381.87	52.745167483	5.2745167483e+1
381.88	52.746548717	5.2746548717e+1
381.89	52.74792995	5.274792995e+1
381.9	52.749311184	5.2749311184e+1
381.91	52.750692418	5.2750692418e+1
381.92	52.752073651	5.2752073651e+1
381.93	52.753454885	5.2753454885e+1
381.94	52.754836118	5.2754836118e+1
381.95	52.756217352	5.2756217352e+1
381.96	52.757598586	5.2757598586e+1
381.97	52.758979819	5.2758979819e+1
381.98	52.760361053	5.2760361053e+1
381.99	52.761742286	5.2761742286e+1
382	52.76312352	5.276312352e+1
382.01	52.764504754	5.2764504754e+1
382.02	52.765885987	5.2765885987e+1
382.03	52.767267221	5.2767267221e+1
382.04	52.768648454	5.2768648454e+1

382.05	52.770029688	5.2770029688e+1
382.06	52.771410922	5.2771410922e+1
382.07	52.772792155	5.2772792155e+1
382.08	52.774173389	5.2774173389e+1
382.09	52.775554622	5.2775554622e+1
382.1	52.776935856	5.2776935856e+1
382.11	52.77831709	5.277831709e+1
382.12	52.779698323	5.2779698323e+1
382.13	52.781079557	5.2781079557e+1
382.14	52.78246079	5.278246079e+1
382.15	52.783842024	5.2783842024e+1
382.16	52.785223258	5.2785223258e+1
382.17	52.786604491	5.2786604491e+1
382.18	52.787985725	5.2787985725e+1
382.19	52.789366958	5.2789366958e+1
382.2	52.790748192	5.2790748192e+1
382.21	52.792129426	5.2792129426e+1
382.22	52.793510659	5.2793510659e+1
382.23	52.794891893	5.2794891893e+1
382.24	52.796273126	5.2796273126e+1
382.25	52.79765436	5.279765436e+1
382.26	52.799035594	5.2799035594e+1
382.27	52.800416827	5.2800416827e+1
382.28	52.801798061	5.2801798061e+1
382.29	52.803179294	5.2803179294e+1
382.3	52.804560528	5.2804560528e+1
382.31	52.805941762	5.2805941762e+1
382.32	52.807322995	5.2807322995e+1
382.33	52.808704229	5.2808704229e+1
382.34	52.810085462	5.2810085462e+1
382.35	52.811466696	5.2811466696e+1
382.36	52.81284793	5.281284793e+1
382.37	52.814229163	5.2814229163e+1
382.38	52.815610397	5.2815610397e+1
382.39	52.81699163	5.281699163e+1
382.4	52.818372864	5.2818372864e+1
382.41	52.819754098	5.2819754098e+1
382.42	52.821135331	5.2821135331e+1

382.43	52.822516565	5.2822516565e+1
382.44	52.823897798	5.2823897798e+1
382.45	52.825279032	5.2825279032e+1
382.46	52.826660266	5.2826660266e+1
382.47	52.828041499	5.2828041499e+1
382.48	52.829422733	5.2829422733e+1
382.49	52.830803966	5.2830803966e+1
382.5	52.8321852	5.28321852e+1
382.51	52.833566434	5.2833566434e+1
382.52	52.834947667	5.2834947667e+1
382.53	52.836328901	5.2836328901e+1
382.54	52.837710134	5.2837710134e+1
382.55	52.839091368	5.2839091368e+1
382.56	52.840472602	5.2840472602e+1
382.57	52.841853835	5.2841853835e+1
382.58	52.843235069	5.2843235069e+1
382.59	52.844616302	5.2844616302e+1
382.6	52.845997536	5.2845997536e+1
382.61	52.84737877	5.284737877e+1
382.62	52.848760003	5.2848760003e+1
382.63	52.850141237	5.2850141237e+1
382.64	52.85152247	5.285152247e+1
382.65	52.852903704	5.2852903704e+1
382.66	52.854284938	5.2854284938e+1
382.67	52.855666171	5.2855666171e+1
382.68	52.857047405	5.2857047405e+1
382.69	52.858428638	5.2858428638e+1
382.7	52.859809872	5.2859809872e+1
382.71	52.861191106	5.2861191106e+1
382.72	52.862572339	5.2862572339e+1
382.73	52.863953573	5.2863953573e+1
382.74	52.865334806	5.2865334806e+1
382.75	52.86671604	5.286671604e+1
382.76	52.868097274	5.2868097274e+1
382.77	52.869478507	5.2869478507e+1
382.78	52.870859741	5.2870859741e+1
382.79	52.872240974	5.2872240974e+1
382.8	52.873622208	5.2873622208e+1

382.81	52.875003442	5.2875003442e+1
382.82	52.876384675	5.2876384675e+1
382.83	52.877765909	5.2877765909e+1
382.84	52.879147142	5.2879147142e+1
382.85	52.880528376	5.2880528376e+1
382.86	52.88190961	5.288190961e+1
382.87	52.883290843	5.2883290843e+1
382.88	52.884672077	5.2884672077e+1
382.89	52.88605331	5.288605331e+1
382.9	52.887434544	5.2887434544e+1
382.91	52.888815778	5.2888815778e+1
382.92	52.890197011	5.2890197011e+1
382.93	52.891578245	5.2891578245e+1
382.94	52.892959478	5.2892959478e+1
382.95	52.894340712	5.2894340712e+1
382.96	52.895721946	5.2895721946e+1
382.97	52.897103179	5.2897103179e+1
382.98	52.898484413	5.2898484413e+1
382.99	52.899865646	5.2899865646e+1
383	52.90124688	5.290124688e+1
383.01	52.902628114	5.2902628114e+1
383.02	52.904009347	5.2904009347e+1
383.03	52.905390581	5.2905390581e+1
383.04	52.906771814	5.2906771814e+1
383.05	52.908153048	5.2908153048e+1
383.06	52.909534282	5.2909534282e+1
383.07	52.910915515	5.2910915515e+1
383.08	52.912296749	5.2912296749e+1
383.09	52.913677982	5.2913677982e+1
383.1	52.915059216	5.2915059216e+1
383.11	52.91644045	5.291644045e+1
383.12	52.917821683	5.2917821683e+1
383.13	52.919202917	5.2919202917e+1
383.14	52.92058415	5.292058415e+1
383.15	52.921965384	5.2921965384e+1
383.16	52.923346618	5.2923346618e+1
383.17	52.924727851	5.2924727851e+1
383.18	52.926109085	5.2926109085e+1

383.19	52.927490318	5.2927490318e+1
383.2	52.928871552	5.2928871552e+1
383.21	52.930252786	5.2930252786e+1
383.22	52.931634019	5.2931634019e+1
383.23	52.933015253	5.2933015253e+1
383.24	52.934396486	5.2934396486e+1
383.25	52.93577772	5.293577772e+1
383.26	52.937158954	5.2937158954e+1
383.27	52.938540187	5.2938540187e+1
383.28	52.939921421	5.2939921421e+1
383.29	52.941302654	5.2941302654e+1
383.3	52.942683888	5.2942683888e+1
383.31	52.944065122	5.2944065122e+1
383.32	52.945446355	5.2945446355e+1
383.33	52.946827589	5.2946827589e+1
383.34	52.948208822	5.2948208822e+1
383.35	52.949590056	5.2949590056e+1
383.36	52.95097129	5.295097129e+1
383.37	52.952352523	5.2952352523e+1
383.38	52.953733757	5.2953733757e+1
383.39	52.95511499	5.295511499e+1
383.4	52.956496224	5.2956496224e+1
383.41	52.957877458	5.2957877458e+1
383.42	52.959258691	5.2959258691e+1
383.43	52.960639925	5.2960639925e+1
383.44	52.962021158	5.2962021158e+1
383.45	52.963402392	5.2963402392e+1
383.46	52.964783626	5.2964783626e+1
383.47	52.966164859	5.2966164859e+1
383.48	52.967546093	5.2967546093e+1
383.49	52.968927326	5.2968927326e+1
383.5	52.97030856	5.297030856e+1
383.51	52.971689794	5.2971689794e+1
383.52	52.973071027	5.2973071027e+1
383.53	52.974452261	5.2974452261e+1
383.54	52.975833494	5.2975833494e+1
383.55	52.977214728	5.2977214728e+1
383.56	52.978595962	5.2978595962e+1

383.57	52.979977195	5.2979977195e+1
383.58	52.981358429	5.2981358429e+1
383.59	52.982739662	5.2982739662e+1
383.6	52.984120896	5.2984120896e+1
383.61	52.98550213	5.298550213e+1
383.62	52.986883363	5.2986883363e+1
383.63	52.988264597	5.2988264597e+1
383.64	52.98964583	5.298964583e+1
383.65	52.991027064	5.2991027064e+1
383.66	52.992408298	5.2992408298e+1
383.67	52.993789531	5.2993789531e+1
383.68	52.995170765	5.2995170765e+1
383.69	52.996551998	5.2996551998e+1
383.7	52.997933232	5.2997933232e+1
383.71	52.999314466	5.2999314466e+1
383.72	53.000695699	5.3000695699e+1
383.73	53.002076933	5.3002076933e+1
383.74	53.003458166	5.3003458166e+1
383.75	53.0048394	5.30048394e+1
383.76	53.006220634	5.3006220634e+1
383.77	53.007601867	5.3007601867e+1
383.78	53.008983101	5.3008983101e+1
383.79	53.010364334	5.3010364334e+1
383.8	53.011745568	5.3011745568e+1
383.81	53.013126802	5.3013126802e+1
383.82	53.014508035	5.3014508035e+1
383.83	53.015889269	5.3015889269e+1
383.84	53.017270502	5.3017270502e+1
383.85	53.018651736	5.3018651736e+1
383.86	53.02003297	5.302003297e+1
383.87	53.021414203	5.3021414203e+1
383.88	53.022795437	5.3022795437e+1
383.89	53.02417667	5.302417667e+1
383.9	53.025557904	5.3025557904e+1
383.91	53.026939138	5.3026939138e+1
383.92	53.028320371	5.3028320371e+1
383.93	53.029701605	5.3029701605e+1
383.94	53.031082838	5.3031082838e+1

383.95	53.032464072	5.3032464072e+1
383.96	53.033845306	5.3033845306e+1
383.97	53.035226539	5.3035226539e+1
383.98	53.036607773	5.3036607773e+1
383.99	53.037989006	5.3037989006e+1
384	53.03937024	5.303937024e+1
384.01	53.040751474	5.3040751474e+1
384.02	53.042132707	5.3042132707e+1
384.03	53.043513941	5.3043513941e+1
384.04	53.044895174	5.3044895174e+1
384.05	53.046276408	5.3046276408e+1
384.06	53.047657642	5.3047657642e+1
384.07	53.049038875	5.3049038875e+1
384.08	53.050420109	5.3050420109e+1
384.09	53.051801342	5.3051801342e+1
384.1	53.053182576	5.3053182576e+1
384.11	53.05456381	5.305456381e+1
384.12	53.055945043	5.3055945043e+1
384.13	53.057326277	5.3057326277e+1
384.14	53.05870751	5.305870751e+1
384.15	53.060088744	5.3060088744e+1
384.16	53.061469978	5.3061469978e+1
384.17	53.062851211	5.3062851211e+1
384.18	53.064232445	5.3064232445e+1
384.19	53.065613678	5.3065613678e+1
384.2	53.066994912	5.3066994912e+1
384.21	53.068376146	5.3068376146e+1
384.22	53.069757379	5.3069757379e+1
384.23	53.071138613	5.3071138613e+1
384.24	53.072519846	5.3072519846e+1
384.25	53.07390108	5.307390108e+1
384.26	53.075282314	5.3075282314e+1
384.27	53.076663547	5.3076663547e+1
384.28	53.078044781	5.3078044781e+1
384.29	53.079426014	5.3079426014e+1
384.3	53.080807248	5.3080807248e+1
384.31	53.082188482	5.3082188482e+1
384.32	53.083569715	5.3083569715e+1

384.33	53.084950949	5.3084950949e+1
384.34	53.086332182	5.3086332182e+1
384.35	53.087713416	5.3087713416e+1
384.36	53.08909465	5.308909465e+1
384.37	53.090475883	5.3090475883e+1
384.38	53.091857117	5.3091857117e+1
384.39	53.09323835	5.309323835e+1
384.4	53.094619584	5.3094619584e+1
384.41	53.096000818	5.3096000818e+1
384.42	53.097382051	5.3097382051e+1
384.43	53.098763285	5.3098763285e+1
384.44	53.100144518	5.3100144518e+1
384.45	53.101525752	5.3101525752e+1
384.46	53.102906986	5.3102906986e+1
384.47	53.104288219	5.3104288219e+1
384.48	53.105669453	5.3105669453e+1
384.49	53.107050686	5.3107050686e+1
384.5	53.10843192	5.310843192e+1
384.51	53.109813154	5.3109813154e+1
384.52	53.111194387	5.3111194387e+1
384.53	53.112575621	5.3112575621e+1
384.54	53.113956854	5.3113956854e+1
384.55	53.115338088	5.3115338088e+1
384.56	53.116719322	5.3116719322e+1
384.57	53.118100555	5.3118100555e+1
384.58	53.119481789	5.3119481789e+1
384.59	53.120863022	5.3120863022e+1
384.6	53.122244256	5.3122244256e+1
384.61	53.12362549	5.312362549e+1
384.62	53.125006723	5.3125006723e+1
384.63	53.126387957	5.3126387957e+1
384.64	53.12776919	5.312776919e+1
384.65	53.129150424	5.3129150424e+1
384.66	53.130531658	5.3130531658e+1
384.67	53.131912891	5.3131912891e+1
384.68	53.133294125	5.3133294125e+1
384.69	53.134675358	5.3134675358e+1
384.7	53.136056592	5.3136056592e+1

384.71	53.137437826	5.3137437826e+1
384.72	53.138819059	5.3138819059e+1
384.73	53.140200293	5.3140200293e+1
384.74	53.141581526	5.3141581526e+1
384.75	53.14296276	5.314296276e+1
384.76	53.144343994	5.3144343994e+1
384.77	53.145725227	5.3145725227e+1
384.78	53.147106461	5.3147106461e+1
384.79	53.148487694	5.3148487694e+1
384.8	53.149868928	5.3149868928e+1
384.81	53.151250162	5.3151250162e+1
384.82	53.152631395	5.3152631395e+1
384.83	53.154012629	5.3154012629e+1
384.84	53.155393862	5.3155393862e+1
384.85	53.156775096	5.3156775096e+1
384.86	53.15815633	5.315815633e+1
384.87	53.159537563	5.3159537563e+1
384.88	53.160918797	5.3160918797e+1
384.89	53.16230003	5.316230003e+1
384.9	53.163681264	5.3163681264e+1
384.91	53.165062498	5.3165062498e+1
384.92	53.166443731	5.3166443731e+1
384.93	53.167824965	5.3167824965e+1
384.94	53.169206198	5.3169206198e+1
384.95	53.170587432	5.3170587432e+1
384.96	53.171968666	5.3171968666e+1
384.97	53.173349899	5.3173349899e+1
384.98	53.174731133	5.3174731133e+1
384.99	53.176112366	5.3176112366e+1
385	53.1774936	5.31774936e+1
385.01	53.178874834	5.3178874834e+1
385.02	53.180256067	5.3180256067e+1
385.03	53.181637301	5.3181637301e+1
385.04	53.183018534	5.3183018534e+1
385.05	53.184399768	5.3184399768e+1
385.06	53.185781002	5.3185781002e+1
385.07	53.187162235	5.3187162235e+1
385.08	53.188543469	5.3188543469e+1

385.09	53.189924702	5.3189924702e+1
385.1	53.191305936	5.3191305936e+1
385.11	53.19268717	5.319268717e+1
385.12	53.194068403	5.3194068403e+1
385.13	53.195449637	5.3195449637e+1
385.14	53.19683087	5.319683087e+1
385.15	53.198212104	5.3198212104e+1
385.16	53.199593338	5.3199593338e+1
385.17	53.200974571	5.3200974571e+1
385.18	53.202355805	5.3202355805e+1
385.19	53.203737038	5.3203737038e+1
385.2	53.205118272	5.3205118272e+1
385.21	53.206499506	5.3206499506e+1
385.22	53.207880739	5.3207880739e+1
385.23	53.209261973	5.3209261973e+1
385.24	53.210643206	5.3210643206e+1
385.25	53.21202444	5.321202444e+1
385.26	53.213405674	5.3213405674e+1
385.27	53.214786907	5.3214786907e+1
385.28	53.216168141	5.3216168141e+1
385.29	53.217549374	5.3217549374e+1
385.3	53.218930608	5.3218930608e+1
385.31	53.220311842	5.3220311842e+1
385.32	53.221693075	5.3221693075e+1
385.33	53.223074309	5.3223074309e+1
385.34	53.224455542	5.3224455542e+1
385.35	53.225836776	5.3225836776e+1
385.36	53.22721801	5.322721801e+1
385.37	53.228599243	5.3228599243e+1
385.38	53.229980477	5.3229980477e+1
385.39	53.23136171	5.323136171e+1
385.4	53.232742944	5.3232742944e+1
385.41	53.234124178	5.3234124178e+1
385.42	53.235505411	5.3235505411e+1
385.43	53.236886645	5.3236886645e+1
385.44	53.238267878	5.3238267878e+1
385.45	53.239649112	5.3239649112e+1
385.46	53.241030346	5.3241030346e+1

385.47	53.242411579	5.3242411579e+1
385.48	53.243792813	5.3243792813e+1
385.49	53.245174046	5.3245174046e+1
385.5	53.24655528	5.324655528e+1
385.51	53.247936514	5.3247936514e+1
385.52	53.249317747	5.3249317747e+1
385.53	53.250698981	5.3250698981e+1
385.54	53.252080214	5.3252080214e+1
385.55	53.253461448	5.3253461448e+1
385.56	53.254842682	5.3254842682e+1
385.57	53.256223915	5.3256223915e+1
385.58	53.257605149	5.3257605149e+1
385.59	53.258986382	5.3258986382e+1
385.6	53.260367616	5.3260367616e+1
385.61	53.26174885	5.326174885e+1
385.62	53.263130083	5.3263130083e+1
385.63	53.264511317	5.3264511317e+1
385.64	53.26589255	5.326589255e+1
385.65	53.267273784	5.3267273784e+1
385.66	53.268655018	5.3268655018e+1
385.67	53.270036251	5.3270036251e+1
385.68	53.271417485	5.3271417485e+1
385.69	53.272798718	5.3272798718e+1
385.7	53.274179952	5.3274179952e+1
385.71	53.275561186	5.3275561186e+1
385.72	53.276942419	5.3276942419e+1
385.73	53.278323653	5.3278323653e+1
385.74	53.279704886	5.3279704886e+1
385.75	53.28108612	5.328108612e+1
385.76	53.282467354	5.3282467354e+1
385.77	53.283848587	5.3283848587e+1
385.78	53.285229821	5.3285229821e+1
385.79	53.286611054	5.3286611054e+1
385.8	53.287992288	5.3287992288e+1
385.81	53.289373522	5.3289373522e+1
385.82	53.290754755	5.3290754755e+1
385.83	53.292135989	5.3292135989e+1
385.84	53.293517222	5.3293517222e+1

385.85	53.294898456	5.3294898456e+1
385.86	53.29627969	5.329627969e+1
385.87	53.297660923	5.3297660923e+1
385.88	53.299042157	5.3299042157e+1
385.89	53.30042339	5.330042339e+1
385.9	53.301804624	5.3301804624e+1
385.91	53.303185858	5.3303185858e+1
385.92	53.304567091	5.3304567091e+1
385.93	53.305948325	5.3305948325e+1
385.94	53.307329558	5.3307329558e+1
385.95	53.308710792	5.3308710792e+1
385.96	53.310092026	5.3310092026e+1
385.97	53.311473259	5.3311473259e+1
385.98	53.312854493	5.3312854493e+1
385.99	53.314235726	5.3314235726e+1
386	53.31561696	5.331561696e+1
386.01	53.316998194	5.3316998194e+1
386.02	53.318379427	5.3318379427e+1
386.03	53.319760661	5.3319760661e+1
386.04	53.321141894	5.3321141894e+1
386.05	53.322523128	5.3322523128e+1
386.06	53.323904362	5.3323904362e+1
386.07	53.325285595	5.3325285595e+1
386.08	53.326666829	5.3326666829e+1
386.09	53.328048062	5.3328048062e+1
386.1	53.329429296	5.3329429296e+1
386.11	53.33081053	5.333081053e+1
386.12	53.332191763	5.3332191763e+1
386.13	53.333572997	5.3333572997e+1
386.14	53.33495423	5.333495423e+1
386.15	53.336335464	5.3336335464e+1
386.16	53.337716698	5.3337716698e+1
386.17	53.339097931	5.3339097931e+1
386.18	53.340479165	5.3340479165e+1
386.19	53.341860398	5.3341860398e+1
386.2	53.343241632	5.3343241632e+1
386.21	53.344622866	5.3344622866e+1
386.22	53.346004099	5.3346004099e+1

386.23	53.347385333	5.3347385333e+1
386.24	53.348766566	5.3348766566e+1
386.25	53.3501478	5.33501478e+1
386.26	53.351529034	5.3351529034e+1
386.27	53.352910267	5.3352910267e+1
386.28	53.354291501	5.3354291501e+1
386.29	53.355672734	5.3355672734e+1
386.3	53.357053968	5.3357053968e+1
386.31	53.358435202	5.3358435202e+1
386.32	53.359816435	5.3359816435e+1
386.33	53.361197669	5.3361197669e+1
386.34	53.362578902	5.3362578902e+1
386.35	53.363960136	5.3363960136e+1
386.36	53.36534137	5.336534137e+1
386.37	53.366722603	5.3366722603e+1
386.38	53.368103837	5.3368103837e+1
386.39	53.36948507	5.336948507e+1
386.4	53.370866304	5.3370866304e+1
386.41	53.372247538	5.3372247538e+1
386.42	53.373628771	5.3373628771e+1
386.43	53.375010005	5.3375010005e+1
386.44	53.376391238	5.3376391238e+1
386.45	53.377772472	5.3377772472e+1
386.46	53.379153706	5.3379153706e+1
386.47	53.380534939	5.3380534939e+1
386.48	53.381916173	5.3381916173e+1
386.49	53.383297406	5.3383297406e+1
386.5	53.38467864	5.338467864e+1
386.51	53.386059874	5.3386059874e+1
386.52	53.387441107	5.3387441107e+1
386.53	53.388822341	5.3388822341e+1
386.54	53.390203574	5.3390203574e+1
386.55	53.391584808	5.3391584808e+1
386.56	53.392966042	5.3392966042e+1
386.57	53.394347275	5.3394347275e+1
386.58	53.395728509	5.3395728509e+1
386.59	53.397109742	5.3397109742e+1
386.6	53.398490976	5.3398490976e+1

386.61	53.39987221	5.339987221e+1
386.62	53.401253443	5.3401253443e+1
386.63	53.402634677	5.3402634677e+1
386.64	53.40401591	5.340401591e+1
386.65	53.405397144	5.3405397144e+1
386.66	53.406778378	5.3406778378e+1
386.67	53.408159611	5.3408159611e+1
386.68	53.409540845	5.3409540845e+1
386.69	53.410922078	5.3410922078e+1
386.7	53.412303312	5.3412303312e+1
386.71	53.413684546	5.3413684546e+1
386.72	53.415065779	5.3415065779e+1
386.73	53.416447013	5.3416447013e+1
386.74	53.417828246	5.3417828246e+1
386.75	53.41920948	5.341920948e+1
386.76	53.420590714	5.3420590714e+1
386.77	53.421971947	5.3421971947e+1
386.78	53.423353181	5.3423353181e+1
386.79	53.424734414	5.3424734414e+1
386.8	53.426115648	5.3426115648e+1
386.81	53.427496882	5.3427496882e+1
386.82	53.428878115	5.3428878115e+1
386.83	53.430259349	5.3430259349e+1
386.84	53.431640582	5.3431640582e+1
386.85	53.433021816	5.3433021816e+1
386.86	53.43440305	5.343440305e+1
386.87	53.435784283	5.3435784283e+1
386.88	53.437165517	5.3437165517e+1
386.89	53.43854675	5.343854675e+1
386.9	53.439927984	5.3439927984e+1
386.91	53.441309218	5.3441309218e+1
386.92	53.442690451	5.3442690451e+1
386.93	53.444071685	5.3444071685e+1
386.94	53.445452918	5.3445452918e+1
386.95	53.446834152	5.3446834152e+1
386.96	53.448215386	5.3448215386e+1
386.97	53.449596619	5.3449596619e+1
386.98	53.450977853	5.3450977853e+1

386.99	53.452359086	5.3452359086e+1
387	53.45374032	5.345374032e+1
387.01	53.455121554	5.3455121554e+1
387.02	53.456502787	5.3456502787e+1
387.03	53.457884021	5.3457884021e+1
387.04	53.459265254	5.3459265254e+1
387.05	53.460646488	5.3460646488e+1
387.06	53.462027722	5.3462027722e+1
387.07	53.463408955	5.3463408955e+1
387.08	53.464790189	5.3464790189e+1
387.09	53.466171422	5.3466171422e+1
387.1	53.467552656	5.3467552656e+1
387.11	53.46893389	5.346893389e+1
387.12	53.470315123	5.3470315123e+1
387.13	53.471696357	5.3471696357e+1
387.14	53.47307759	5.347307759e+1
387.15	53.474458824	5.3474458824e+1
387.16	53.475840058	5.3475840058e+1
387.17	53.477221291	5.3477221291e+1
387.18	53.478602525	5.3478602525e+1
387.19	53.479983758	5.3479983758e+1
387.2	53.481364992	5.3481364992e+1
387.21	53.482746226	5.3482746226e+1
387.22	53.484127459	5.3484127459e+1
387.23	53.485508693	5.3485508693e+1
387.24	53.486889926	5.3486889926e+1
387.25	53.48827116	5.348827116e+1
387.26	53.489652394	5.3489652394e+1
387.27	53.491033627	5.3491033627e+1
387.28	53.492414861	5.3492414861e+1
387.29	53.493796094	5.3493796094e+1
387.3	53.495177328	5.3495177328e+1
387.31	53.496558562	5.3496558562e+1
387.32	53.497939795	5.3497939795e+1
387.33	53.499321029	5.3499321029e+1
387.34	53.500702262	5.3500702262e+1
387.35	53.502083496	5.3502083496e+1
387.36	53.50346473	5.350346473e+1

387.37	53.504845963	5.3504845963e+1
387.38	53.506227197	5.3506227197e+1
387.39	53.50760843	5.350760843e+1
387.4	53.508989664	5.3508989664e+1
387.41	53.510370898	5.3510370898e+1
387.42	53.511752131	5.3511752131e+1
387.43	53.513133365	5.3513133365e+1
387.44	53.514514598	5.3514514598e+1
387.45	53.515895832	5.3515895832e+1
387.46	53.517277066	5.3517277066e+1
387.47	53.518658299	5.3518658299e+1
387.48	53.520039533	5.3520039533e+1
387.49	53.521420766	5.3521420766e+1
387.5	53.522802	5.3522802e+1
387.51	53.524183234	5.3524183234e+1
387.52	53.525564467	5.3525564467e+1
387.53	53.526945701	5.3526945701e+1
387.54	53.528326934	5.3528326934e+1
387.55	53.529708168	5.3529708168e+1
387.56	53.531089402	5.3531089402e+1
387.57	53.532470635	5.3532470635e+1
387.58	53.533851869	5.3533851869e+1
387.59	53.535233102	5.3535233102e+1
387.6	53.536614336	5.3536614336e+1
387.61	53.53799557	5.353799557e+1
387.62	53.539376803	5.3539376803e+1
387.63	53.540758037	5.3540758037e+1
387.64	53.54213927	5.354213927e+1
387.65	53.543520504	5.3543520504e+1
387.66	53.544901738	5.3544901738e+1
387.67	53.546282971	5.3546282971e+1
387.68	53.547664205	5.3547664205e+1
387.69	53.549045438	5.3549045438e+1
387.7	53.550426672	5.3550426672e+1
387.71	53.551807906	5.3551807906e+1
387.72	53.553189139	5.3553189139e+1
387.73	53.554570373	5.3554570373e+1
387.74	53.555951606	5.3555951606e+1

387.75	53.55733284	5.355733284e+1
387.76	53.558714074	5.3558714074e+1
387.77	53.560095307	5.3560095307e+1
387.78	53.561476541	5.3561476541e+1
387.79	53.562857774	5.3562857774e+1
387.8	53.564239008	5.3564239008e+1
387.81	53.565620242	5.3565620242e+1
387.82	53.567001475	5.3567001475e+1
387.83	53.568382709	5.3568382709e+1
387.84	53.569763942	5.3569763942e+1
387.85	53.571145176	5.3571145176e+1
387.86	53.57252641	5.357252641e+1
387.87	53.573907643	5.3573907643e+1
387.88	53.575288877	5.3575288877e+1
387.89	53.57667011	5.357667011e+1
387.9	53.578051344	5.3578051344e+1
387.91	53.579432578	5.3579432578e+1
387.92	53.580813811	5.3580813811e+1
387.93	53.582195045	5.3582195045e+1
387.94	53.583576278	5.3583576278e+1
387.95	53.584957512	5.3584957512e+1
387.96	53.586338746	5.3586338746e+1
387.97	53.587719979	5.3587719979e+1
387.98	53.589101213	5.3589101213e+1
387.99	53.590482446	5.3590482446e+1
388	53.59186368	5.359186368e+1
388.01	53.593244914	5.3593244914e+1
388.02	53.594626147	5.3594626147e+1
388.03	53.596007381	5.3596007381e+1
388.04	53.597388614	5.3597388614e+1
388.05	53.598769848	5.3598769848e+1
388.06	53.600151082	5.3600151082e+1
388.07	53.601532315	5.3601532315e+1
388.08	53.602913549	5.3602913549e+1
388.09	53.604294782	5.3604294782e+1
388.1	53.605676016	5.3605676016e+1
388.11	53.60705725	5.360705725e+1
388.12	53.608438483	5.3608438483e+1

388.13	53.609819717	5.3609819717e+1
388.14	53.61120095	5.361120095e+1
388.15	53.612582184	5.3612582184e+1
388.16	53.613963418	5.3613963418e+1
388.17	53.615344651	5.3615344651e+1
388.18	53.616725885	5.3616725885e+1
388.19	53.618107118	5.3618107118e+1
388.2	53.619488352	5.3619488352e+1
388.21	53.620869586	5.3620869586e+1
388.22	53.622250819	5.3622250819e+1
388.23	53.623632053	5.3623632053e+1
388.24	53.625013286	5.3625013286e+1
388.25	53.62639452	5.362639452e+1
388.26	53.627775754	5.3627775754e+1
388.27	53.629156987	5.3629156987e+1
388.28	53.630538221	5.3630538221e+1
388.29	53.631919454	5.3631919454e+1
388.3	53.633300688	5.3633300688e+1
388.31	53.634681922	5.3634681922e+1
388.32	53.636063155	5.3636063155e+1
388.33	53.637444389	5.3637444389e+1
388.34	53.638825622	5.3638825622e+1
388.35	53.640206856	5.3640206856e+1
388.36	53.64158809	5.364158809e+1
388.37	53.642969323	5.3642969323e+1
388.38	53.644350557	5.3644350557e+1
388.39	53.64573179	5.364573179e+1
388.4	53.647113024	5.3647113024e+1
388.41	53.648494258	5.3648494258e+1
388.42	53.649875491	5.3649875491e+1
388.43	53.651256725	5.3651256725e+1
388.44	53.652637958	5.3652637958e+1
388.45	53.654019192	5.3654019192e+1
388.46	53.655400426	5.3655400426e+1
388.47	53.656781659	5.3656781659e+1
388.48	53.658162893	5.3658162893e+1
388.49	53.659544126	5.3659544126e+1
388.5	53.66092536	5.366092536e+1

388.51	53.662306594	5.3662306594e+1
388.52	53.663687827	5.3663687827e+1
388.53	53.665069061	5.3665069061e+1
388.54	53.666450294	5.3666450294e+1
388.55	53.667831528	5.3667831528e+1
388.56	53.669212762	5.3669212762e+1
388.57	53.670593995	5.3670593995e+1
388.58	53.671975229	5.3671975229e+1
388.59	53.673356462	5.3673356462e+1
388.6	53.674737696	5.3674737696e+1
388.61	53.67611893	5.367611893e+1
388.62	53.677500163	5.3677500163e+1
388.63	53.678881397	5.3678881397e+1
388.64	53.68026263	5.368026263e+1
388.65	53.681643864	5.3681643864e+1
388.66	53.683025098	5.3683025098e+1
388.67	53.684406331	5.3684406331e+1
388.68	53.685787565	5.3685787565e+1
388.69	53.687168798	5.3687168798e+1
388.7	53.688550032	5.3688550032e+1
388.71	53.689931266	5.3689931266e+1
388.72	53.691312499	5.3691312499e+1
388.73	53.692693733	5.3692693733e+1
388.74	53.694074966	5.3694074966e+1
388.75	53.6954562	5.36954562e+1
388.76	53.696837434	5.3696837434e+1
388.77	53.698218667	5.3698218667e+1
388.78	53.699599901	5.3699599901e+1
388.79	53.700981134	5.3700981134e+1
388.8	53.702362368	5.3702362368e+1
388.81	53.703743602	5.3703743602e+1
388.82	53.705124835	5.3705124835e+1
388.83	53.706506069	5.3706506069e+1
388.84	53.707887302	5.3707887302e+1
388.85	53.709268536	5.3709268536e+1
388.86	53.71064977	5.371064977e+1
388.87	53.712031003	5.3712031003e+1
388.88	53.713412237	5.3713412237e+1

388.89	53.71479347	5.371479347e+1
388.9	53.716174704	5.3716174704e+1
388.91	53.717555938	5.3717555938e+1
388.92	53.718937171	5.3718937171e+1
388.93	53.720318405	5.3720318405e+1
388.94	53.721699638	5.3721699638e+1
388.95	53.723080872	5.3723080872e+1
388.96	53.724462106	5.3724462106e+1
388.97	53.725843339	5.3725843339e+1
388.98	53.727224573	5.3727224573e+1
388.99	53.728605806	5.3728605806e+1
389	53.72998704	5.372998704e+1
389.01	53.731368274	5.3731368274e+1
389.02	53.732749507	5.3732749507e+1
389.03	53.734130741	5.3734130741e+1
389.04	53.735511974	5.3735511974e+1
389.05	53.736893208	5.3736893208e+1
389.06	53.738274442	5.3738274442e+1
389.07	53.739655675	5.3739655675e+1
389.08	53.741036909	5.3741036909e+1
389.09	53.742418142	5.3742418142e+1
389.1	53.743799376	5.3743799376e+1
389.11	53.74518061	5.374518061e+1
389.12	53.746561843	5.3746561843e+1
389.13	53.747943077	5.3747943077e+1
389.14	53.74932431	5.374932431e+1
389.15	53.750705544	5.3750705544e+1
389.16	53.752086778	5.3752086778e+1
389.17	53.753468011	5.3753468011e+1
389.18	53.754849245	5.3754849245e+1
389.19	53.756230478	5.3756230478e+1
389.2	53.757611712	5.3757611712e+1
389.21	53.758992946	5.3758992946e+1
389.22	53.760374179	5.3760374179e+1
389.23	53.761755413	5.3761755413e+1
389.24	53.763136646	5.3763136646e+1
389.25	53.76451788	5.376451788e+1
389.26	53.765899114	5.3765899114e+1

389.27	53.767280347	5.3767280347e+1
389.28	53.768661581	5.3768661581e+1
389.29	53.770042814	5.3770042814e+1
389.3	53.771424048	5.3771424048e+1
389.31	53.772805282	5.3772805282e+1
389.32	53.774186515	5.3774186515e+1
389.33	53.775567749	5.3775567749e+1
389.34	53.776948982	5.3776948982e+1
389.35	53.778330216	5.3778330216e+1
389.36	53.77971145	5.377971145e+1
389.37	53.781092683	5.3781092683e+1
389.38	53.782473917	5.3782473917e+1
389.39	53.78385515	5.378385515e+1
389.4	53.785236384	5.3785236384e+1
389.41	53.786617618	5.3786617618e+1
389.42	53.787998851	5.3787998851e+1
389.43	53.789380085	5.3789380085e+1
389.44	53.790761318	5.3790761318e+1
389.45	53.792142552	5.3792142552e+1
389.46	53.793523786	5.3793523786e+1
389.47	53.794905019	5.3794905019e+1
389.48	53.796286253	5.3796286253e+1
389.49	53.797667486	5.3797667486e+1
389.5	53.79904872	5.379904872e+1
389.51	53.800429954	5.3800429954e+1
389.52	53.801811187	5.3801811187e+1
389.53	53.803192421	5.3803192421e+1
389.54	53.804573654	5.3804573654e+1
389.55	53.805954888	5.3805954888e+1
389.56	53.807336122	5.3807336122e+1
389.57	53.808717355	5.3808717355e+1
389.58	53.810098589	5.3810098589e+1
389.59	53.811479822	5.3811479822e+1
389.6	53.812861056	5.3812861056e+1
389.61	53.81424229	5.381424229e+1
389.62	53.815623523	5.3815623523e+1
389.63	53.817004757	5.3817004757e+1
389.64	53.81838599	5.381838599e+1

389.65	53.819767224	5.3819767224e+1
389.66	53.821148458	5.3821148458e+1
389.67	53.822529691	5.3822529691e+1
389.68	53.823910925	5.3823910925e+1
389.69	53.825292158	5.3825292158e+1
389.7	53.826673392	5.3826673392e+1
389.71	53.828054626	5.3828054626e+1
389.72	53.829435859	5.3829435859e+1
389.73	53.830817093	5.3830817093e+1
389.74	53.832198326	5.3832198326e+1
389.75	53.83357956	5.383357956e+1
389.76	53.834960794	5.3834960794e+1
389.77	53.836342027	5.3836342027e+1
389.78	53.837723261	5.3837723261e+1
389.79	53.839104494	5.3839104494e+1
389.8	53.840485728	5.3840485728e+1
389.81	53.841866962	5.3841866962e+1
389.82	53.843248195	5.3843248195e+1
389.83	53.844629429	5.3844629429e+1
389.84	53.846010662	5.3846010662e+1
389.85	53.847391896	5.3847391896e+1
389.86	53.84877313	5.384877313e+1
389.87	53.850154363	5.3850154363e+1
389.88	53.851535597	5.3851535597e+1
389.89	53.85291683	5.385291683e+1
389.9	53.854298064	5.3854298064e+1
389.91	53.855679298	5.3855679298e+1
389.92	53.857060531	5.3857060531e+1
389.93	53.858441765	5.3858441765e+1
389.94	53.859822998	5.3859822998e+1
389.95	53.861204232	5.3861204232e+1
389.96	53.862585466	5.3862585466e+1
389.97	53.863966699	5.3863966699e+1
389.98	53.865347933	5.3865347933e+1
389.99	53.866729166	5.3866729166e+1
390	53.8681104	5.38681104e+1
390.01	53.869491634	5.3869491634e+1
390.02	53.870872867	5.3870872867e+1

390.03	53.872254101	5.3872254101e+1
390.04	53.873635334	5.3873635334e+1
390.05	53.875016568	5.3875016568e+1
390.06	53.876397802	5.3876397802e+1
390.07	53.877779035	5.3877779035e+1
390.08	53.879160269	5.3879160269e+1
390.09	53.880541502	5.3880541502e+1
390.1	53.881922736	5.3881922736e+1
390.11	53.88330397	5.388330397e+1
390.12	53.884685203	5.3884685203e+1
390.13	53.886066437	5.3886066437e+1
390.14	53.88744767	5.388744767e+1
390.15	53.888828904	5.3888828904e+1
390.16	53.890210138	5.3890210138e+1
390.17	53.891591371	5.3891591371e+1
390.18	53.892972605	5.3892972605e+1
390.19	53.894353838	5.3894353838e+1
390.2	53.895735072	5.3895735072e+1
390.21	53.897116306	5.3897116306e+1
390.22	53.898497539	5.3898497539e+1
390.23	53.899878773	5.3899878773e+1
390.24	53.901260006	5.3901260006e+1
390.25	53.90264124	5.390264124e+1
390.26	53.904022474	5.3904022474e+1
390.27	53.905403707	5.3905403707e+1
390.28	53.906784941	5.3906784941e+1
390.29	53.908166174	5.3908166174e+1
390.3	53.909547408	5.3909547408e+1
390.31	53.910928642	5.3910928642e+1
390.32	53.912309875	5.3912309875e+1
390.33	53.913691109	5.3913691109e+1
390.34	53.915072342	5.3915072342e+1
390.35	53.916453576	5.3916453576e+1
390.36	53.91783481	5.391783481e+1
390.37	53.919216043	5.3919216043e+1
390.38	53.920597277	5.3920597277e+1
390.39	53.92197851	5.392197851e+1
390.4	53.923359744	5.3923359744e+1

390.41	53.924740978	5.3924740978e+1
390.42	53.926122211	5.3926122211e+1
390.43	53.927503445	5.3927503445e+1
390.44	53.928884678	5.3928884678e+1
390.45	53.930265912	5.3930265912e+1
390.46	53.931647146	5.3931647146e+1
390.47	53.933028379	5.3933028379e+1
390.48	53.934409613	5.3934409613e+1
390.49	53.935790846	5.3935790846e+1
390.5	53.93717208	5.393717208e+1
390.51	53.938553314	5.3938553314e+1
390.52	53.939934547	5.3939934547e+1
390.53	53.941315781	5.3941315781e+1
390.54	53.942697014	5.3942697014e+1
390.55	53.944078248	5.3944078248e+1
390.56	53.945459482	5.3945459482e+1
390.57	53.946840715	5.3946840715e+1
390.58	53.948221949	5.3948221949e+1
390.59	53.949603182	5.3949603182e+1
390.6	53.950984416	5.3950984416e+1
390.61	53.95236565	5.395236565e+1
390.62	53.953746883	5.3953746883e+1
390.63	53.955128117	5.3955128117e+1
390.64	53.95650935	5.395650935e+1
390.65	53.957890584	5.3957890584e+1
390.66	53.959271818	5.3959271818e+1
390.67	53.960653051	5.3960653051e+1
390.68	53.962034285	5.3962034285e+1
390.69	53.963415518	5.3963415518e+1
390.7	53.964796752	5.3964796752e+1
390.71	53.966177986	5.3966177986e+1
390.72	53.967559219	5.3967559219e+1
390.73	53.968940453	5.3968940453e+1
390.74	53.970321686	5.3970321686e+1
390.75	53.97170292	5.397170292e+1
390.76	53.973084154	5.3973084154e+1
390.77	53.974465387	5.3974465387e+1
390.78	53.975846621	5.3975846621e+1

390.79	53.977227854	5.3977227854e+1
390.8	53.978609088	5.3978609088e+1
390.81	53.979990322	5.3979990322e+1
390.82	53.981371555	5.3981371555e+1
390.83	53.982752789	5.3982752789e+1
390.84	53.984134022	5.3984134022e+1
390.85	53.985515256	5.3985515256e+1
390.86	53.98689649	5.398689649e+1
390.87	53.988277723	5.3988277723e+1
390.88	53.989658957	5.3989658957e+1
390.89	53.99104019	5.399104019e+1
390.9	53.992421424	5.3992421424e+1
390.91	53.993802658	5.3993802658e+1
390.92	53.995183891	5.3995183891e+1
390.93	53.996565125	5.3996565125e+1
390.94	53.997946358	5.3997946358e+1
390.95	53.999327592	5.3999327592e+1
390.96	54.000708826	5.4000708826e+1
390.97	54.002090059	5.4002090059e+1
390.98	54.003471293	5.4003471293e+1
390.99	54.004852526	5.4004852526e+1
391	54.00623376	5.400623376e+1
391.01	54.007614994	5.4007614994e+1
391.02	54.008996227	5.4008996227e+1
391.03	54.010377461	5.4010377461e+1
391.04	54.011758694	5.4011758694e+1
391.05	54.013139928	5.4013139928e+1
391.06	54.014521162	5.4014521162e+1
391.07	54.015902395	5.4015902395e+1
391.08	54.017283629	5.4017283629e+1
391.09	54.018664862	5.4018664862e+1
391.1	54.020046096	5.4020046096e+1
391.11	54.02142733	5.402142733e+1
391.12	54.022808563	5.4022808563e+1
391.13	54.024189797	5.4024189797e+1
391.14	54.02557103	5.402557103e+1
391.15	54.026952264	5.4026952264e+1
391.16	54.028333498	5.4028333498e+1

391.17	54.029714731	5.4029714731e+1
391.18	54.031095965	5.4031095965e+1
391.19	54.032477198	5.4032477198e+1
391.2	54.033858432	5.4033858432e+1
391.21	54.035239666	5.4035239666e+1
391.22	54.036620899	5.4036620899e+1
391.23	54.038002133	5.4038002133e+1
391.24	54.039383366	5.4039383366e+1
391.25	54.0407646	5.40407646e+1
391.26	54.042145834	5.4042145834e+1
391.27	54.043527067	5.4043527067e+1
391.28	54.044908301	5.4044908301e+1
391.29	54.046289534	5.4046289534e+1
391.3	54.047670768	5.4047670768e+1
391.31	54.049052002	5.4049052002e+1
391.32	54.050433235	5.4050433235e+1
391.33	54.051814469	5.4051814469e+1
391.34	54.053195702	5.4053195702e+1
391.35	54.054576936	5.4054576936e+1
391.36	54.05595817	5.405595817e+1
391.37	54.057339403	5.4057339403e+1
391.38	54.058720637	5.4058720637e+1
391.39	54.06010187	5.406010187e+1
391.4	54.061483104	5.4061483104e+1
391.41	54.062864338	5.4062864338e+1
391.42	54.064245571	5.4064245571e+1
391.43	54.065626805	5.4065626805e+1
391.44	54.067008038	5.4067008038e+1
391.45	54.068389272	5.4068389272e+1
391.46	54.069770506	5.4069770506e+1
391.47	54.071151739	5.4071151739e+1
391.48	54.072532973	5.4072532973e+1
391.49	54.073914206	5.4073914206e+1
391.5	54.07529544	5.407529544e+1
391.51	54.076676674	5.4076676674e+1
391.52	54.078057907	5.4078057907e+1
391.53	54.079439141	5.4079439141e+1
391.54	54.080820374	5.4080820374e+1

391.55	54.082201608	5.4082201608e+1
391.56	54.083582842	5.4083582842e+1
391.57	54.084964075	5.4084964075e+1
391.58	54.086345309	5.4086345309e+1
391.59	54.087726542	5.4087726542e+1
391.6	54.089107776	5.4089107776e+1
391.61	54.09048901	5.409048901e+1
391.62	54.091870243	5.4091870243e+1
391.63	54.093251477	5.4093251477e+1
391.64	54.09463271	5.409463271e+1
391.65	54.096013944	5.4096013944e+1
391.66	54.097395178	5.4097395178e+1
391.67	54.098776411	5.4098776411e+1
391.68	54.100157645	5.4100157645e+1
391.69	54.101538878	5.4101538878e+1
391.7	54.102920112	5.4102920112e+1
391.71	54.104301346	5.4104301346e+1
391.72	54.105682579	5.4105682579e+1
391.73	54.107063813	5.4107063813e+1
391.74	54.108445046	5.4108445046e+1
391.75	54.10982628	5.410982628e+1
391.76	54.111207514	5.4111207514e+1
391.77	54.112588747	5.4112588747e+1
391.78	54.113969981	5.4113969981e+1
391.79	54.115351214	5.4115351214e+1
391.8	54.116732448	5.4116732448e+1
391.81	54.118113682	5.4118113682e+1
391.82	54.119494915	5.4119494915e+1
391.83	54.120876149	5.4120876149e+1
391.84	54.122257382	5.4122257382e+1
391.85	54.123638616	5.4123638616e+1
391.86	54.12501985	5.412501985e+1
391.87	54.126401083	5.4126401083e+1
391.88	54.127782317	5.4127782317e+1
391.89	54.12916355	5.412916355e+1
391.9	54.130544784	5.4130544784e+1
391.91	54.131926018	5.4131926018e+1
391.92	54.133307251	5.4133307251e+1

391.93	54.134688485	5.4134688485e+1
391.94	54.136069718	5.4136069718e+1
391.95	54.137450952	5.4137450952e+1
391.96	54.138832186	5.4138832186e+1
391.97	54.140213419	5.4140213419e+1
391.98	54.141594653	5.4141594653e+1
391.99	54.142975886	5.4142975886e+1
392	54.14435712	5.414435712e+1
392.01	54.145738354	5.4145738354e+1
392.02	54.147119587	5.4147119587e+1
392.03	54.148500821	5.4148500821e+1
392.04	54.149882054	5.4149882054e+1
392.05	54.151263288	5.4151263288e+1
392.06	54.152644522	5.4152644522e+1
392.07	54.154025755	5.4154025755e+1
392.08	54.155406989	5.4155406989e+1
392.09	54.156788222	5.4156788222e+1
392.1	54.158169456	5.4158169456e+1
392.11	54.15955069	5.415955069e+1
392.12	54.160931923	5.4160931923e+1
392.13	54.162313157	5.4162313157e+1
392.14	54.16369439	5.416369439e+1
392.15	54.165075624	5.4165075624e+1
392.16	54.166456858	5.4166456858e+1
392.17	54.167838091	5.4167838091e+1
392.18	54.169219325	5.4169219325e+1
392.19	54.170600558	5.4170600558e+1
392.2	54.171981792	5.4171981792e+1
392.21	54.173363026	5.4173363026e+1
392.22	54.174744259	5.4174744259e+1
392.23	54.176125493	5.4176125493e+1
392.24	54.177506726	5.4177506726e+1
392.25	54.17888796	5.417888796e+1
392.26	54.180269194	5.4180269194e+1
392.27	54.181650427	5.4181650427e+1
392.28	54.183031661	5.4183031661e+1
392.29	54.184412894	5.4184412894e+1
392.3	54.185794128	5.4185794128e+1

392.31	54.187175362	5.4187175362e+1
392.32	54.188556595	5.4188556595e+1
392.33	54.189937829	5.4189937829e+1
392.34	54.191319062	5.4191319062e+1
392.35	54.192700296	5.4192700296e+1
392.36	54.19408153	5.419408153e+1
392.37	54.195462763	5.4195462763e+1
392.38	54.196843997	5.4196843997e+1
392.39	54.19822523	5.419822523e+1
392.4	54.199606464	5.4199606464e+1
392.41	54.200987698	5.4200987698e+1
392.42	54.202368931	5.4202368931e+1
392.43	54.203750165	5.4203750165e+1
392.44	54.205131398	5.4205131398e+1
392.45	54.206512632	5.4206512632e+1
392.46	54.207893866	5.4207893866e+1
392.47	54.209275099	5.4209275099e+1
392.48	54.210656333	5.4210656333e+1
392.49	54.212037566	5.4212037566e+1
392.5	54.2134188	5.42134188e+1
392.51	54.214800034	5.4214800034e+1
392.52	54.216181267	5.4216181267e+1
392.53	54.217562501	5.4217562501e+1
392.54	54.218943734	5.4218943734e+1
392.55	54.220324968	5.4220324968e+1
392.56	54.221706202	5.4221706202e+1
392.57	54.223087435	5.4223087435e+1
392.58	54.224468669	5.4224468669e+1
392.59	54.225849902	5.4225849902e+1
392.6	54.227231136	5.4227231136e+1
392.61	54.22861237	5.422861237e+1
392.62	54.229993603	5.4229993603e+1
392.63	54.231374837	5.4231374837e+1
392.64	54.23275607	5.423275607e+1
392.65	54.234137304	5.4234137304e+1
392.66	54.235518538	5.4235518538e+1
392.67	54.236899771	5.4236899771e+1
392.68	54.238281005	5.4238281005e+1

392.69	54.239662238	5.4239662238e+1
392.7	54.241043472	5.4241043472e+1
392.71	54.242424706	5.4242424706e+1
392.72	54.243805939	5.4243805939e+1
392.73	54.245187173	5.4245187173e+1
392.74	54.246568406	5.4246568406e+1
392.75	54.24794964	5.424794964e+1
392.76	54.249330874	5.4249330874e+1
392.77	54.250712107	5.4250712107e+1
392.78	54.252093341	5.4252093341e+1
392.79	54.253474574	5.4253474574e+1
392.8	54.254855808	5.4254855808e+1
392.81	54.256237042	5.4256237042e+1
392.82	54.257618275	5.4257618275e+1
392.83	54.258999509	5.4258999509e+1
392.84	54.260380742	5.4260380742e+1
392.85	54.261761976	5.4261761976e+1
392.86	54.26314321	5.426314321e+1
392.87	54.264524443	5.4264524443e+1
392.88	54.265905677	5.4265905677e+1
392.89	54.26728691	5.426728691e+1
392.9	54.268668144	5.4268668144e+1
392.91	54.270049378	5.4270049378e+1
392.92	54.271430611	5.4271430611e+1
392.93	54.272811845	5.4272811845e+1
392.94	54.274193078	5.4274193078e+1
392.95	54.275574312	5.4275574312e+1
392.96	54.276955546	5.4276955546e+1
392.97	54.278336779	5.4278336779e+1
392.98	54.279718013	5.4279718013e+1
392.99	54.281099246	5.4281099246e+1
393	54.28248048	5.428248048e+1
393.01	54.283861714	5.4283861714e+1
393.02	54.285242947	5.4285242947e+1
393.03	54.286624181	5.4286624181e+1
393.04	54.288005414	5.4288005414e+1
393.05	54.289386648	5.4289386648e+1
393.06	54.290767882	5.4290767882e+1

393.07	54.292149115	5.4292149115e+1
393.08	54.293530349	5.4293530349e+1
393.09	54.294911582	5.4294911582e+1
393.1	54.296292816	5.4296292816e+1
393.11	54.29767405	5.429767405e+1
393.12	54.299055283	5.4299055283e+1
393.13	54.300436517	5.4300436517e+1
393.14	54.30181775	5.430181775e+1
393.15	54.303198984	5.4303198984e+1
393.16	54.304580218	5.4304580218e+1
393.17	54.305961451	5.4305961451e+1
393.18	54.307342685	5.4307342685e+1
393.19	54.308723918	5.4308723918e+1
393.2	54.310105152	5.4310105152e+1
393.21	54.311486386	5.4311486386e+1
393.22	54.312867619	5.4312867619e+1
393.23	54.314248853	5.4314248853e+1
393.24	54.315630086	5.4315630086e+1
393.25	54.31701132	5.431701132e+1
393.26	54.318392554	5.4318392554e+1
393.27	54.319773787	5.4319773787e+1
393.28	54.321155021	5.4321155021e+1
393.29	54.322536254	5.4322536254e+1
393.3	54.323917488	5.4323917488e+1
393.31	54.325298722	5.4325298722e+1
393.32	54.326679955	5.4326679955e+1
393.33	54.328061189	5.4328061189e+1
393.34	54.329442422	5.4329442422e+1
393.35	54.330823656	5.4330823656e+1
393.36	54.33220489	5.433220489e+1
393.37	54.333586123	5.4333586123e+1
393.38	54.334967357	5.4334967357e+1
393.39	54.33634859	5.433634859e+1
393.4	54.337729824	5.4337729824e+1
393.41	54.339111058	5.4339111058e+1
393.42	54.340492291	5.4340492291e+1
393.43	54.341873525	5.4341873525e+1
393.44	54.343254758	5.4343254758e+1

393.45	54.344635992	5.4344635992e+1
393.46	54.346017226	5.4346017226e+1
393.47	54.347398459	5.4347398459e+1
393.48	54.348779693	5.4348779693e+1
393.49	54.350160926	5.4350160926e+1
393.5	54.35154216	5.435154216e+1
393.51	54.352923394	5.4352923394e+1
393.52	54.354304627	5.4354304627e+1
393.53	54.355685861	5.4355685861e+1
393.54	54.357067094	5.4357067094e+1
393.55	54.358448328	5.4358448328e+1
393.56	54.359829562	5.4359829562e+1
393.57	54.361210795	5.4361210795e+1
393.58	54.362592029	5.4362592029e+1
393.59	54.363973262	5.4363973262e+1
393.6	54.365354496	5.4365354496e+1
393.61	54.36673573	5.436673573e+1
393.62	54.368116963	5.4368116963e+1
393.63	54.369498197	5.4369498197e+1
393.64	54.37087943	5.437087943e+1
393.65	54.372260664	5.4372260664e+1
393.66	54.373641898	5.4373641898e+1
393.67	54.375023131	5.4375023131e+1
393.68	54.376404365	5.4376404365e+1
393.69	54.377785598	5.4377785598e+1
393.7	54.379166832	5.4379166832e+1
393.71	54.380548066	5.4380548066e+1
393.72	54.381929299	5.4381929299e+1
393.73	54.383310533	5.4383310533e+1
393.74	54.384691766	5.4384691766e+1
393.75	54.386073	5.4386073e+1
393.76	54.387454234	5.4387454234e+1
393.77	54.388835467	5.4388835467e+1
393.78	54.390216701	5.4390216701e+1
393.79	54.391597934	5.4391597934e+1
393.8	54.392979168	5.4392979168e+1
393.81	54.394360402	5.4394360402e+1
393.82	54.395741635	5.4395741635e+1

393.83	54.397122869	5.4397122869e+1
393.84	54.398504102	5.4398504102e+1
393.85	54.399885336	5.4399885336e+1
393.86	54.40126657	5.440126657e+1
393.87	54.402647803	5.4402647803e+1
393.88	54.404029037	5.4404029037e+1
393.89	54.40541027	5.440541027e+1
393.9	54.406791504	5.4406791504e+1
393.91	54.408172738	5.4408172738e+1
393.92	54.409553971	5.4409553971e+1
393.93	54.410935205	5.4410935205e+1
393.94	54.412316438	5.4412316438e+1
393.95	54.413697672	5.4413697672e+1
393.96	54.415078906	5.4415078906e+1
393.97	54.416460139	5.4416460139e+1
393.98	54.417841373	5.4417841373e+1
393.99	54.419222606	5.4419222606e+1
394	54.42060384	5.442060384e+1
394.01	54.421985074	5.4421985074e+1
394.02	54.423366307	5.4423366307e+1
394.03	54.424747541	5.4424747541e+1
394.04	54.426128774	5.4426128774e+1
394.05	54.427510008	5.4427510008e+1
394.06	54.428891242	5.4428891242e+1
394.07	54.430272475	5.4430272475e+1
394.08	54.431653709	5.4431653709e+1
394.09	54.433034942	5.4433034942e+1
394.1	54.434416176	5.4434416176e+1
394.11	54.43579741	5.443579741e+1
394.12	54.437178643	5.4437178643e+1
394.13	54.438559877	5.4438559877e+1
394.14	54.43994111	5.443994111e+1
394.15	54.441322344	5.4441322344e+1
394.16	54.442703578	5.4442703578e+1
394.17	54.444084811	5.4444084811e+1
394.18	54.445466045	5.4445466045e+1
394.19	54.446847278	5.4446847278e+1
394.2	54.448228512	5.4448228512e+1

394.21	54.449609746	5.4449609746e+1
394.22	54.450990979	5.4450990979e+1
394.23	54.452372213	5.4452372213e+1
394.24	54.453753446	5.4453753446e+1
394.25	54.45513468	5.445513468e+1
394.26	54.456515914	5.4456515914e+1
394.27	54.457897147	5.4457897147e+1
394.28	54.459278381	5.4459278381e+1
394.29	54.460659614	5.4460659614e+1
394.3	54.462040848	5.4462040848e+1
394.31	54.463422082	5.4463422082e+1
394.32	54.464803315	5.4464803315e+1
394.33	54.466184549	5.4466184549e+1
394.34	54.467565782	5.4467565782e+1
394.35	54.468947016	5.4468947016e+1
394.36	54.47032825	5.447032825e+1
394.37	54.471709483	5.4471709483e+1
394.38	54.473090717	5.4473090717e+1
394.39	54.47447195	5.447447195e+1
394.4	54.475853184	5.4475853184e+1
394.41	54.477234418	5.4477234418e+1
394.42	54.478615651	5.4478615651e+1
394.43	54.479996885	5.4479996885e+1
394.44	54.481378118	5.4481378118e+1
394.45	54.482759352	5.4482759352e+1
394.46	54.484140586	5.4484140586e+1
394.47	54.485521819	5.4485521819e+1
394.48	54.486903053	5.4486903053e+1
394.49	54.488284286	5.4488284286e+1
394.5	54.48966552	5.448966552e+1
394.51	54.491046754	5.4491046754e+1
394.52	54.492427987	5.4492427987e+1
394.53	54.493809221	5.4493809221e+1
394.54	54.495190454	5.4495190454e+1
394.55	54.496571688	5.4496571688e+1
394.56	54.497952922	5.4497952922e+1
394.57	54.499334155	5.4499334155e+1
394.58	54.500715389	5.4500715389e+1

394.59	54.502096622	5.4502096622e+1
394.6	54.503477856	5.4503477856e+1
394.61	54.50485909	5.450485909e+1
394.62	54.506240323	5.4506240323e+1
394.63	54.507621557	5.4507621557e+1
394.64	54.50900279	5.450900279e+1
394.65	54.510384024	5.4510384024e+1
394.66	54.511765258	5.4511765258e+1
394.67	54.513146491	5.4513146491e+1
394.68	54.514527725	5.4514527725e+1
394.69	54.515908958	5.4515908958e+1
394.7	54.517290192	5.4517290192e+1
394.71	54.518671426	5.4518671426e+1
394.72	54.520052659	5.4520052659e+1
394.73	54.521433893	5.4521433893e+1
394.74	54.522815126	5.4522815126e+1
394.75	54.52419636	5.452419636e+1
394.76	54.525577594	5.4525577594e+1
394.77	54.526958827	5.4526958827e+1
394.78	54.528340061	5.4528340061e+1
394.79	54.529721294	5.4529721294e+1
394.8	54.531102528	5.4531102528e+1
394.81	54.532483762	5.4532483762e+1
394.82	54.533864995	5.4533864995e+1
394.83	54.535246229	5.4535246229e+1
394.84	54.536627462	5.4536627462e+1
394.85	54.538008696	5.4538008696e+1
394.86	54.53938993	5.453938993e+1
394.87	54.540771163	5.4540771163e+1
394.88	54.542152397	5.4542152397e+1
394.89	54.54353363	5.454353363e+1
394.9	54.544914864	5.4544914864e+1
394.91	54.546296098	5.4546296098e+1
394.92	54.547677331	5.4547677331e+1
394.93	54.549058565	5.4549058565e+1
394.94	54.550439798	5.4550439798e+1
394.95	54.551821032	5.4551821032e+1
394.96	54.553202266	5.4553202266e+1

394.97	54.554583499	5.4554583499e+1
394.98	54.555964733	5.4555964733e+1
394.99	54.557345966	5.4557345966e+1
395	54.5587272	5.45587272e+1
395.01	54.560108434	5.4560108434e+1
395.02	54.561489667	5.4561489667e+1
395.03	54.562870901	5.4562870901e+1
395.04	54.564252134	5.4564252134e+1
395.05	54.565633368	5.4565633368e+1
395.06	54.567014602	5.4567014602e+1
395.07	54.568395835	5.4568395835e+1
395.08	54.569777069	5.4569777069e+1
395.09	54.571158302	5.4571158302e+1
395.1	54.572539536	5.4572539536e+1
395.11	54.57392077	5.457392077e+1
395.12	54.575302003	5.4575302003e+1
395.13	54.576683237	5.4576683237e+1
395.14	54.57806447	5.457806447e+1
395.15	54.579445704	5.4579445704e+1
395.16	54.580826938	5.4580826938e+1
395.17	54.582208171	5.4582208171e+1
395.18	54.583589405	5.4583589405e+1
395.19	54.584970638	5.4584970638e+1
395.2	54.586351872	5.4586351872e+1
395.21	54.587733106	5.4587733106e+1
395.22	54.589114339	5.4589114339e+1
395.23	54.590495573	5.4590495573e+1
395.24	54.591876806	5.4591876806e+1
395.25	54.59325804	5.459325804e+1
395.26	54.594639274	5.4594639274e+1
395.27	54.596020507	5.4596020507e+1
395.28	54.597401741	5.4597401741e+1
395.29	54.598782974	5.4598782974e+1
395.3	54.600164208	5.4600164208e+1
395.31	54.601545442	5.4601545442e+1
395.32	54.602926675	5.4602926675e+1
395.33	54.604307909	5.4604307909e+1
395.34	54.605689142	5.4605689142e+1

395.35	54.607070376	5.4607070376e+1
395.36	54.60845161	5.460845161e+1
395.37	54.609832843	5.4609832843e+1
395.38	54.611214077	5.4611214077e+1
395.39	54.61259531	5.461259531e+1
395.4	54.613976544	5.4613976544e+1
395.41	54.615357778	5.4615357778e+1
395.42	54.616739011	5.4616739011e+1
395.43	54.618120245	5.4618120245e+1
395.44	54.619501478	5.4619501478e+1
395.45	54.620882712	5.4620882712e+1
395.46	54.622263946	5.4622263946e+1
395.47	54.623645179	5.4623645179e+1
395.48	54.625026413	5.4625026413e+1
395.49	54.626407646	5.4626407646e+1
395.5	54.62778888	5.462778888e+1
395.51	54.629170114	5.4629170114e+1
395.52	54.630551347	5.4630551347e+1
395.53	54.631932581	5.4631932581e+1
395.54	54.633313814	5.4633313814e+1
395.55	54.634695048	5.4634695048e+1
395.56	54.636076282	5.4636076282e+1
395.57	54.637457515	5.4637457515e+1
395.58	54.638838749	5.4638838749e+1
395.59	54.640219982	5.4640219982e+1
395.6	54.641601216	5.4641601216e+1
395.61	54.64298245	5.464298245e+1
395.62	54.644363683	5.4644363683e+1
395.63	54.645744917	5.4645744917e+1
395.64	54.64712615	5.464712615e+1
395.65	54.648507384	5.4648507384e+1
395.66	54.649888618	5.4649888618e+1
395.67	54.651269851	5.4651269851e+1
395.68	54.652651085	5.4652651085e+1
395.69	54.654032318	5.4654032318e+1
395.7	54.655413552	5.4655413552e+1
395.71	54.656794786	5.4656794786e+1
395.72	54.658176019	5.4658176019e+1

395.73	54.659557253	5.4659557253e+1
395.74	54.660938486	5.4660938486e+1
395.75	54.66231972	5.466231972e+1
395.76	54.663700954	5.4663700954e+1
395.77	54.665082187	5.4665082187e+1
395.78	54.666463421	5.4666463421e+1
395.79	54.667844654	5.4667844654e+1
395.8	54.669225888	5.4669225888e+1
395.81	54.670607122	5.4670607122e+1
395.82	54.671988355	5.4671988355e+1
395.83	54.673369589	5.4673369589e+1
395.84	54.674750822	5.4674750822e+1
395.85	54.676132056	5.4676132056e+1
395.86	54.67751329	5.467751329e+1
395.87	54.678894523	5.4678894523e+1
395.88	54.680275757	5.4680275757e+1
395.89	54.68165699	5.468165699e+1
395.9	54.683038224	5.4683038224e+1
395.91	54.684419458	5.4684419458e+1
395.92	54.685800691	5.4685800691e+1
395.93	54.687181925	5.4687181925e+1
395.94	54.688563158	5.4688563158e+1
395.95	54.689944392	5.4689944392e+1
395.96	54.691325626	5.4691325626e+1
395.97	54.692706859	5.4692706859e+1
395.98	54.694088093	5.4694088093e+1
395.99	54.695469326	5.4695469326e+1
396	54.69685056	5.469685056e+1
396.01	54.698231794	5.4698231794e+1
396.02	54.699613027	5.4699613027e+1
396.03	54.700994261	5.4700994261e+1
396.04	54.702375494	5.4702375494e+1
396.05	54.703756728	5.4703756728e+1
396.06	54.705137962	5.4705137962e+1
396.07	54.706519195	5.4706519195e+1
396.08	54.707900429	5.4707900429e+1
396.09	54.709281662	5.4709281662e+1
396.1	54.710662896	5.4710662896e+1

396.11	54.71204413	5.471204413e+1
396.12	54.713425363	5.4713425363e+1
396.13	54.714806597	5.4714806597e+1
396.14	54.71618783	5.471618783e+1
396.15	54.717569064	5.4717569064e+1
396.16	54.718950298	5.4718950298e+1
396.17	54.720331531	5.4720331531e+1
396.18	54.721712765	5.4721712765e+1
396.19	54.723093998	5.4723093998e+1
396.2	54.724475232	5.4724475232e+1
396.21	54.725856466	5.4725856466e+1
396.22	54.727237699	5.4727237699e+1
396.23	54.728618933	5.4728618933e+1
396.24	54.730000166	5.4730000166e+1
396.25	54.7313814	5.47313814e+1
396.26	54.732762634	5.4732762634e+1
396.27	54.734143867	5.4734143867e+1
396.28	54.735525101	5.4735525101e+1
396.29	54.736906334	5.4736906334e+1
396.3	54.738287568	5.4738287568e+1
396.31	54.739668802	5.4739668802e+1
396.32	54.741050035	5.4741050035e+1
396.33	54.742431269	5.4742431269e+1
396.34	54.743812502	5.4743812502e+1
396.35	54.745193736	5.4745193736e+1
396.36	54.74657497	5.474657497e+1
396.37	54.747956203	5.4747956203e+1
396.38	54.749337437	5.4749337437e+1
396.39	54.75071867	5.475071867e+1
396.4	54.752099904	5.4752099904e+1
396.41	54.753481138	5.4753481138e+1
396.42	54.754862371	5.4754862371e+1
396.43	54.756243605	5.4756243605e+1
396.44	54.757624838	5.4757624838e+1
396.45	54.759006072	5.4759006072e+1
396.46	54.760387306	5.4760387306e+1
396.47	54.761768539	5.4761768539e+1
396.48	54.763149773	5.4763149773e+1

396.49	54.764531006	5.4764531006e+1
396.5	54.76591224	5.476591224e+1
396.51	54.767293474	5.4767293474e+1
396.52	54.768674707	5.4768674707e+1
396.53	54.770055941	5.4770055941e+1
396.54	54.771437174	5.4771437174e+1
396.55	54.772818408	5.4772818408e+1
396.56	54.774199642	5.4774199642e+1
396.57	54.775580875	5.4775580875e+1
396.58	54.776962109	5.4776962109e+1
396.59	54.778343342	5.4778343342e+1
396.6	54.779724576	5.4779724576e+1
396.61	54.78110581	5.478110581e+1
396.62	54.782487043	5.4782487043e+1
396.63	54.783868277	5.4783868277e+1
396.64	54.78524951	5.478524951e+1
396.65	54.786630744	5.4786630744e+1
396.66	54.788011978	5.4788011978e+1
396.67	54.789393211	5.4789393211e+1
396.68	54.790774445	5.4790774445e+1
396.69	54.792155678	5.4792155678e+1
396.7	54.793536912	5.4793536912e+1
396.71	54.794918146	5.4794918146e+1
396.72	54.796299379	5.4796299379e+1
396.73	54.797680613	5.4797680613e+1
396.74	54.799061846	5.4799061846e+1
396.75	54.80044308	5.480044308e+1
396.76	54.801824314	5.4801824314e+1
396.77	54.803205547	5.4803205547e+1
396.78	54.804586781	5.4804586781e+1
396.79	54.805968014	5.4805968014e+1
396.8	54.807349248	5.4807349248e+1
396.81	54.808730482	5.4808730482e+1
396.82	54.810111715	5.4810111715e+1
396.83	54.811492949	5.4811492949e+1
396.84	54.812874182	5.4812874182e+1
396.85	54.814255416	5.4814255416e+1
396.86	54.81563665	5.481563665e+1

396.87	54.817017883	5.4817017883e+1
396.88	54.818399117	5.4818399117e+1
396.89	54.81978035	5.481978035e+1
396.9	54.821161584	5.4821161584e+1
396.91	54.822542818	5.4822542818e+1
396.92	54.823924051	5.4823924051e+1
396.93	54.825305285	5.4825305285e+1
396.94	54.826686518	5.4826686518e+1
396.95	54.828067752	5.4828067752e+1
396.96	54.829448986	5.4829448986e+1
396.97	54.830830219	5.4830830219e+1
396.98	54.832211453	5.4832211453e+1
396.99	54.833592686	5.4833592686e+1
397	54.83497392	5.483497392e+1
397.01	54.836355154	5.4836355154e+1
397.02	54.837736387	5.4837736387e+1
397.03	54.839117621	5.4839117621e+1
397.04	54.840498854	5.4840498854e+1
397.05	54.841880088	5.4841880088e+1
397.06	54.843261322	5.4843261322e+1
397.07	54.844642555	5.4844642555e+1
397.08	54.846023789	5.4846023789e+1
397.09	54.847405022	5.4847405022e+1
397.1	54.848786256	5.4848786256e+1
397.11	54.85016749	5.485016749e+1
397.12	54.851548723	5.4851548723e+1
397.13	54.852929957	5.4852929957e+1
397.14	54.85431119	5.485431119e+1
397.15	54.855692424	5.4855692424e+1
397.16	54.857073658	5.4857073658e+1
397.17	54.858454891	5.4858454891e+1
397.18	54.859836125	5.4859836125e+1
397.19	54.861217358	5.4861217358e+1
397.2	54.862598592	5.4862598592e+1
397.21	54.863979826	5.4863979826e+1
397.22	54.865361059	5.4865361059e+1
397.23	54.866742293	5.4866742293e+1
397.24	54.868123526	5.4868123526e+1

397.25	54.86950476	5.486950476e+1
397.26	54.870885994	5.4870885994e+1
397.27	54.872267227	5.4872267227e+1
397.28	54.873648461	5.4873648461e+1
397.29	54.875029694	5.4875029694e+1
397.3	54.876410928	5.4876410928e+1
397.31	54.877792162	5.4877792162e+1
397.32	54.879173395	5.4879173395e+1
397.33	54.880554629	5.4880554629e+1
397.34	54.881935862	5.4881935862e+1
397.35	54.883317096	5.4883317096e+1
397.36	54.88469833	5.488469833e+1
397.37	54.886079563	5.4886079563e+1
397.38	54.887460797	5.4887460797e+1
397.39	54.88884203	5.488884203e+1
397.4	54.890223264	5.4890223264e+1
397.41	54.891604498	5.4891604498e+1
397.42	54.892985731	5.4892985731e+1
397.43	54.894366965	5.4894366965e+1
397.44	54.895748198	5.4895748198e+1
397.45	54.897129432	5.4897129432e+1
397.46	54.898510666	5.4898510666e+1
397.47	54.899891899	5.4899891899e+1
397.48	54.901273133	5.4901273133e+1
397.49	54.902654366	5.4902654366e+1
397.5	54.9040356	5.49040356e+1
397.51	54.905416834	5.4905416834e+1
397.52	54.906798067	5.4906798067e+1
397.53	54.908179301	5.4908179301e+1
397.54	54.909560534	5.4909560534e+1
397.55	54.910941768	5.4910941768e+1
397.56	54.912323002	5.4912323002e+1
397.57	54.913704235	5.4913704235e+1
397.58	54.915085469	5.4915085469e+1
397.59	54.916466702	5.4916466702e+1
397.6	54.917847936	5.4917847936e+1
397.61	54.91922917	5.491922917e+1
397.62	54.920610403	5.4920610403e+1

397.63	54.921991637	5.4921991637e+1
397.64	54.92337287	5.492337287e+1
397.65	54.924754104	5.4924754104e+1
397.66	54.926135338	5.4926135338e+1
397.67	54.927516571	5.4927516571e+1
397.68	54.928897805	5.4928897805e+1
397.69	54.930279038	5.4930279038e+1
397.7	54.931660272	5.4931660272e+1
397.71	54.933041506	5.4933041506e+1
397.72	54.934422739	5.4934422739e+1
397.73	54.935803973	5.4935803973e+1
397.74	54.937185206	5.4937185206e+1
397.75	54.93856644	5.493856644e+1
397.76	54.939947674	5.4939947674e+1
397.77	54.941328907	5.4941328907e+1
397.78	54.942710141	5.4942710141e+1
397.79	54.944091374	5.4944091374e+1
397.8	54.945472608	5.4945472608e+1
397.81	54.946853842	5.4946853842e+1
397.82	54.948235075	5.4948235075e+1
397.83	54.949616309	5.4949616309e+1
397.84	54.950997542	5.4950997542e+1
397.85	54.952378776	5.4952378776e+1
397.86	54.95376001	5.495376001e+1
397.87	54.955141243	5.4955141243e+1
397.88	54.956522477	5.4956522477e+1
397.89	54.95790371	5.495790371e+1
397.9	54.959284944	5.4959284944e+1
397.91	54.960666178	5.4960666178e+1
397.92	54.962047411	5.4962047411e+1
397.93	54.963428645	5.4963428645e+1
397.94	54.964809878	5.4964809878e+1
397.95	54.966191112	5.4966191112e+1
397.96	54.967572346	5.4967572346e+1
397.97	54.968953579	5.4968953579e+1
397.98	54.970334813	5.4970334813e+1
397.99	54.971716046	5.4971716046e+1
398	54.97309728	5.497309728e+1

398.01	54.974478514	5.4974478514e+1
398.02	54.975859747	5.4975859747e+1
398.03	54.977240981	5.4977240981e+1
398.04	54.978622214	5.4978622214e+1
398.05	54.980003448	5.4980003448e+1
398.06	54.981384682	5.4981384682e+1
398.07	54.982765915	5.4982765915e+1
398.08	54.984147149	5.4984147149e+1
398.09	54.985528382	5.4985528382e+1
398.1	54.986909616	5.4986909616e+1
398.11	54.98829085	5.498829085e+1
398.12	54.989672083	5.4989672083e+1
398.13	54.991053317	5.4991053317e+1
398.14	54.99243455	5.499243455e+1
398.15	54.993815784	5.4993815784e+1
398.16	54.995197018	5.4995197018e+1
398.17	54.996578251	5.4996578251e+1
398.18	54.997959485	5.4997959485e+1
398.19	54.999340718	5.4999340718e+1
398.2	55.000721952	5.5000721952e+1
398.21	55.002103186	5.5002103186e+1
398.22	55.003484419	5.5003484419e+1
398.23	55.004865653	5.5004865653e+1
398.24	55.006246886	5.5006246886e+1
398.25	55.00762812	5.500762812e+1
398.26	55.009009354	5.5009009354e+1
398.27	55.010390587	5.5010390587e+1
398.28	55.011771821	5.5011771821e+1
398.29	55.013153054	5.5013153054e+1
398.3	55.014534288	5.5014534288e+1
398.31	55.015915522	5.5015915522e+1
398.32	55.017296755	5.5017296755e+1
398.33	55.018677989	5.5018677989e+1
398.34	55.020059222	5.5020059222e+1
398.35	55.021440456	5.5021440456e+1
398.36	55.02282169	5.502282169e+1
398.37	55.024202923	5.5024202923e+1
398.38	55.025584157	5.5025584157e+1

398.39	55.02696539	5.502696539e+1
398.4	55.028346624	5.5028346624e+1
398.41	55.029727858	5.5029727858e+1
398.42	55.031109091	5.5031109091e+1
398.43	55.032490325	5.5032490325e+1
398.44	55.033871558	5.5033871558e+1
398.45	55.035252792	5.5035252792e+1
398.46	55.036634026	5.5036634026e+1
398.47	55.038015259	5.5038015259e+1
398.48	55.039396493	5.5039396493e+1
398.49	55.040777726	5.5040777726e+1
398.5	55.04215896	5.504215896e+1
398.51	55.043540194	5.5043540194e+1
398.52	55.044921427	5.5044921427e+1
398.53	55.046302661	5.5046302661e+1
398.54	55.047683894	5.5047683894e+1
398.55	55.049065128	5.5049065128e+1
398.56	55.050446362	5.5050446362e+1
398.57	55.051827595	5.5051827595e+1
398.58	55.053208829	5.5053208829e+1
398.59	55.054590062	5.5054590062e+1
398.6	55.055971296	5.5055971296e+1
398.61	55.05735253	5.505735253e+1
398.62	55.058733763	5.5058733763e+1
398.63	55.060114997	5.5060114997e+1
398.64	55.06149623	5.506149623e+1
398.65	55.062877464	5.5062877464e+1
398.66	55.064258698	5.5064258698e+1
398.67	55.065639931	5.5065639931e+1
398.68	55.067021165	5.5067021165e+1
398.69	55.068402398	5.5068402398e+1
398.7	55.069783632	5.5069783632e+1
398.71	55.071164866	5.5071164866e+1
398.72	55.072546099	5.5072546099e+1
398.73	55.073927333	5.5073927333e+1
398.74	55.075308566	5.5075308566e+1
398.75	55.0766898	5.50766898e+1
398.76	55.078071034	5.5078071034e+1

398.77	55.079452267	5.5079452267e+1
398.78	55.080833501	5.5080833501e+1
398.79	55.082214734	5.5082214734e+1
398.8	55.083595968	5.5083595968e+1
398.81	55.084977202	5.5084977202e+1
398.82	55.086358435	5.5086358435e+1
398.83	55.087739669	5.5087739669e+1
398.84	55.089120902	5.5089120902e+1
398.85	55.090502136	5.5090502136e+1
398.86	55.09188337	5.509188337e+1
398.87	55.093264603	5.5093264603e+1
398.88	55.094645837	5.5094645837e+1
398.89	55.09602707	5.509602707e+1
398.9	55.097408304	5.5097408304e+1
398.91	55.098789538	5.5098789538e+1
398.92	55.100170771	5.5100170771e+1
398.93	55.101552005	5.5101552005e+1
398.94	55.102933238	5.5102933238e+1
398.95	55.104314472	5.5104314472e+1
398.96	55.105695706	5.5105695706e+1
398.97	55.107076939	5.5107076939e+1
398.98	55.108458173	5.5108458173e+1
398.99	55.109839406	5.5109839406e+1
399	55.11122064	5.511122064e+1
399.01	55.112601874	5.5112601874e+1
399.02	55.113983107	5.5113983107e+1
399.03	55.115364341	5.5115364341e+1
399.04	55.116745574	5.5116745574e+1
399.05	55.118126808	5.5118126808e+1
399.06	55.119508042	5.5119508042e+1
399.07	55.120889275	5.5120889275e+1
399.08	55.122270509	5.5122270509e+1
399.09	55.123651742	5.5123651742e+1
399.1	55.125032976	5.5125032976e+1
399.11	55.12641421	5.512641421e+1
399.12	55.127795443	5.5127795443e+1
399.13	55.129176677	5.5129176677e+1
399.14	55.13055791	5.513055791e+1

399.15	55.131939144	5.5131939144e+1
399.16	55.133320378	5.5133320378e+1
399.17	55.134701611	5.5134701611e+1
399.18	55.136082845	5.5136082845e+1
399.19	55.137464078	5.5137464078e+1
399.2	55.138845312	5.5138845312e+1
399.21	55.140226546	5.5140226546e+1
399.22	55.141607779	5.5141607779e+1
399.23	55.142989013	5.5142989013e+1
399.24	55.144370246	5.5144370246e+1
399.25	55.14575148	5.514575148e+1
399.26	55.147132714	5.5147132714e+1
399.27	55.148513947	5.5148513947e+1
399.28	55.149895181	5.5149895181e+1
399.29	55.151276414	5.5151276414e+1
399.3	55.152657648	5.5152657648e+1
399.31	55.154038882	5.5154038882e+1
399.32	55.155420115	5.5155420115e+1
399.33	55.156801349	5.5156801349e+1
399.34	55.158182582	5.5158182582e+1
399.35	55.159563816	5.5159563816e+1
399.36	55.16094505	5.516094505e+1
399.37	55.162326283	5.5162326283e+1
399.38	55.163707517	5.5163707517e+1
399.39	55.16508875	5.516508875e+1
399.4	55.166469984	5.5166469984e+1
399.41	55.167851218	5.5167851218e+1
399.42	55.169232451	5.5169232451e+1
399.43	55.170613685	5.5170613685e+1
399.44	55.171994918	5.5171994918e+1
399.45	55.173376152	5.5173376152e+1
399.46	55.174757386	5.5174757386e+1
399.47	55.176138619	5.5176138619e+1
399.48	55.177519853	5.5177519853e+1
399.49	55.178901086	5.5178901086e+1
399.5	55.18028232	5.518028232e+1
399.51	55.181663554	5.5181663554e+1
399.52	55.183044787	5.5183044787e+1

399.53	55.184426021	5.5184426021e+1
399.54	55.185807254	5.5185807254e+1
399.55	55.187188488	5.5187188488e+1
399.56	55.188569722	5.5188569722e+1
399.57	55.189950955	5.5189950955e+1
399.58	55.191332189	5.5191332189e+1
399.59	55.192713422	5.5192713422e+1
399.6	55.194094656	5.5194094656e+1
399.61	55.19547589	5.519547589e+1
399.62	55.196857123	5.5196857123e+1
399.63	55.198238357	5.5198238357e+1
399.64	55.19961959	5.519961959e+1
399.65	55.201000824	5.5201000824e+1
399.66	55.202382058	5.5202382058e+1
399.67	55.203763291	5.5203763291e+1
399.68	55.205144525	5.5205144525e+1
399.69	55.206525758	5.5206525758e+1
399.7	55.207906992	5.5207906992e+1
399.71	55.209288226	5.5209288226e+1
399.72	55.210669459	5.5210669459e+1
399.73	55.212050693	5.5212050693e+1
399.74	55.213431926	5.5213431926e+1
399.75	55.21481316	5.521481316e+1
399.76	55.216194394	5.5216194394e+1
399.77	55.217575627	5.5217575627e+1
399.78	55.218956861	5.5218956861e+1
399.79	55.220338094	5.5220338094e+1
399.8	55.221719328	5.5221719328e+1
399.81	55.223100562	5.5223100562e+1
399.82	55.224481795	5.5224481795e+1
399.83	55.225863029	5.5225863029e+1
399.84	55.227244262	5.5227244262e+1
399.85	55.228625496	5.5228625496e+1
399.86	55.23000673	5.523000673e+1
399.87	55.231387963	5.5231387963e+1
399.88	55.232769197	5.5232769197e+1
399.89	55.23415043	5.523415043e+1
399.9	55.235531664	5.5235531664e+1

399.91	55.236912898	5.5236912898e+1
399.92	55.238294131	5.5238294131e+1
399.93	55.239675365	5.5239675365e+1
399.94	55.241056598	5.5241056598e+1
399.95	55.242437832	5.5242437832e+1
399.96	55.243819066	5.5243819066e+1
399.97	55.245200299	5.5245200299e+1
399.98	55.246581533	5.5246581533e+1
399.99	55.247962766	5.5247962766e+1
400	55.249344	5.5249344e+1
400.01	55.250725234	5.5250725234e+1
400.02	55.252106467	5.5252106467e+1
400.03	55.253487701	5.5253487701e+1
400.04	55.254868934	5.5254868934e+1
400.05	55.256250168	5.5256250168e+1
400.06	55.257631402	5.5257631402e+1
400.07	55.259012635	5.5259012635e+1
400.08	55.260393869	5.5260393869e+1
400.09	55.261775102	5.5261775102e+1
400.1	55.263156336	5.5263156336e+1
400.11	55.26453757	5.526453757e+1
400.12	55.265918803	5.5265918803e+1
400.13	55.267300037	5.5267300037e+1
400.14	55.26868127	5.526868127e+1
400.15	55.270062504	5.5270062504e+1
400.16	55.271443738	5.5271443738e+1
400.17	55.272824971	5.5272824971e+1
400.18	55.274206205	5.5274206205e+1
400.19	55.275587438	5.5275587438e+1
400.2	55.276968672	5.5276968672e+1
400.21	55.278349906	5.5278349906e+1
400.22	55.279731139	5.5279731139e+1
400.23	55.281112373	5.5281112373e+1
400.24	55.282493606	5.5282493606e+1
400.25	55.28387484	5.528387484e+1
400.26	55.285256074	5.5285256074e+1
400.27	55.286637307	5.5286637307e+1
400.28	55.288018541	5.5288018541e+1

400.29	55.289399774	5.5289399774e+1
400.3	55.290781008	5.5290781008e+1
400.31	55.292162242	5.5292162242e+1
400.32	55.293543475	5.5293543475e+1
400.33	55.294924709	5.5294924709e+1
400.34	55.296305942	5.5296305942e+1
400.35	55.297687176	5.5297687176e+1
400.36	55.29906841	5.529906841e+1
400.37	55.300449643	5.5300449643e+1
400.38	55.301830877	5.5301830877e+1
400.39	55.30321211	5.530321211e+1
400.4	55.304593344	5.5304593344e+1
400.41	55.305974578	5.5305974578e+1
400.42	55.307355811	5.5307355811e+1
400.43	55.308737045	5.5308737045e+1
400.44	55.310118278	5.5310118278e+1
400.45	55.311499512	5.5311499512e+1
400.46	55.312880746	5.5312880746e+1
400.47	55.314261979	5.5314261979e+1
400.48	55.315643213	5.5315643213e+1
400.49	55.317024446	5.5317024446e+1
400.5	55.31840568	5.531840568e+1
400.51	55.319786914	5.5319786914e+1
400.52	55.321168147	5.5321168147e+1
400.53	55.322549381	5.5322549381e+1
400.54	55.323930614	5.5323930614e+1
400.55	55.325311848	5.5325311848e+1
400.56	55.326693082	5.5326693082e+1
400.57	55.328074315	5.5328074315e+1
400.58	55.329455549	5.5329455549e+1
400.59	55.330836782	5.5330836782e+1
400.6	55.332218016	5.5332218016e+1
400.61	55.33359925	5.533359925e+1
400.62	55.334980483	5.5334980483e+1
400.63	55.336361717	5.5336361717e+1
400.64	55.33774295	5.533774295e+1
400.65	55.339124184	5.5339124184e+1
400.66	55.340505418	5.5340505418e+1

400.67	55.341886651	5.5341886651e+1
400.68	55.343267885	5.5343267885e+1
400.69	55.344649118	5.5344649118e+1
400.7	55.346030352	5.5346030352e+1
400.71	55.347411586	5.5347411586e+1
400.72	55.348792819	5.5348792819e+1
400.73	55.350174053	5.5350174053e+1
400.74	55.351555286	5.5351555286e+1
400.75	55.35293652	5.535293652e+1
400.76	55.354317754	5.5354317754e+1
400.77	55.355698987	5.5355698987e+1
400.78	55.357080221	5.5357080221e+1
400.79	55.358461454	5.5358461454e+1
400.8	55.359842688	5.5359842688e+1
400.81	55.361223922	5.5361223922e+1
400.82	55.362605155	5.5362605155e+1
400.83	55.363986389	5.5363986389e+1
400.84	55.365367622	5.5365367622e+1
400.85	55.366748856	5.5366748856e+1
400.86	55.36813009	5.536813009e+1
400.87	55.369511323	5.5369511323e+1
400.88	55.370892557	5.5370892557e+1
400.89	55.37227379	5.537227379e+1
400.9	55.373655024	5.5373655024e+1
400.91	55.375036258	5.5375036258e+1
400.92	55.376417491	5.5376417491e+1
400.93	55.377798725	5.5377798725e+1
400.94	55.379179958	5.5379179958e+1
400.95	55.380561192	5.5380561192e+1
400.96	55.381942426	5.5381942426e+1
400.97	55.383323659	5.5383323659e+1
400.98	55.384704893	5.5384704893e+1
400.99	55.386086126	5.5386086126e+1
401	55.38746736	5.538746736e+1
401.01	55.388848594	5.5388848594e+1
401.02	55.390229827	5.5390229827e+1
401.03	55.391611061	5.5391611061e+1
401.04	55.392992294	5.5392992294e+1

401.05	55.394373528	5.5394373528e+1
401.06	55.395754762	5.5395754762e+1
401.07	55.397135995	5.5397135995e+1
401.08	55.398517229	5.5398517229e+1
401.09	55.399898462	5.5399898462e+1
401.1	55.401279696	5.5401279696e+1
401.11	55.40266093	5.540266093e+1
401.12	55.404042163	5.5404042163e+1
401.13	55.405423397	5.5405423397e+1
401.14	55.40680463	5.540680463e+1
401.15	55.408185864	5.5408185864e+1
401.16	55.409567098	5.5409567098e+1
401.17	55.410948331	5.5410948331e+1
401.18	55.412329565	5.5412329565e+1
401.19	55.413710798	5.5413710798e+1
401.2	55.415092032	5.5415092032e+1
401.21	55.416473266	5.5416473266e+1
401.22	55.417854499	5.5417854499e+1
401.23	55.419235733	5.5419235733e+1
401.24	55.420616966	5.5420616966e+1
401.25	55.4219982	5.54219982e+1
401.26	55.423379434	5.5423379434e+1
401.27	55.424760667	5.5424760667e+1
401.28	55.426141901	5.5426141901e+1
401.29	55.427523134	5.5427523134e+1
401.3	55.428904368	5.5428904368e+1
401.31	55.430285602	5.5430285602e+1
401.32	55.431666835	5.5431666835e+1
401.33	55.433048069	5.5433048069e+1
401.34	55.434429302	5.5434429302e+1
401.35	55.435810536	5.5435810536e+1
401.36	55.43719177	5.543719177e+1
401.37	55.438573003	5.5438573003e+1
401.38	55.439954237	5.5439954237e+1
401.39	55.44133547	5.544133547e+1
401.4	55.442716704	5.5442716704e+1
401.41	55.444097938	5.5444097938e+1
401.42	55.445479171	5.5445479171e+1

401.43	55.446860405	5.5446860405e+1
401.44	55.448241638	5.5448241638e+1
401.45	55.449622872	5.5449622872e+1
401.46	55.451004106	5.5451004106e+1
401.47	55.452385339	5.5452385339e+1
401.48	55.453766573	5.5453766573e+1
401.49	55.455147806	5.5455147806e+1
401.5	55.45652904	5.545652904e+1
401.51	55.457910274	5.5457910274e+1
401.52	55.459291507	5.5459291507e+1
401.53	55.460672741	5.5460672741e+1
401.54	55.462053974	5.5462053974e+1
401.55	55.463435208	5.5463435208e+1
401.56	55.464816442	5.5464816442e+1
401.57	55.466197675	5.5466197675e+1
401.58	55.467578909	5.5467578909e+1
401.59	55.468960142	5.5468960142e+1
401.6	55.470341376	5.5470341376e+1
401.61	55.47172261	5.547172261e+1
401.62	55.473103843	5.5473103843e+1
401.63	55.474485077	5.5474485077e+1
401.64	55.47586631	5.547586631e+1
401.65	55.477247544	5.5477247544e+1
401.66	55.478628778	5.5478628778e+1
401.67	55.480010011	5.5480010011e+1
401.68	55.481391245	5.5481391245e+1
401.69	55.482772478	5.5482772478e+1
401.7	55.484153712	5.5484153712e+1
401.71	55.485534946	5.5485534946e+1
401.72	55.486916179	5.5486916179e+1
401.73	55.488297413	5.5488297413e+1
401.74	55.489678646	5.5489678646e+1
401.75	55.49105988	5.549105988e+1
401.76	55.492441114	5.5492441114e+1
401.77	55.493822347	5.5493822347e+1
401.78	55.495203581	5.5495203581e+1
401.79	55.496584814	5.5496584814e+1
401.8	55.497966048	5.5497966048e+1

401.81	55.499347282	5.5499347282e+1
401.82	55.500728515	5.5500728515e+1
401.83	55.502109749	5.5502109749e+1
401.84	55.503490982	5.5503490982e+1
401.85	55.504872216	5.5504872216e+1
401.86	55.50625345	5.550625345e+1
401.87	55.507634683	5.5507634683e+1
401.88	55.509015917	5.5509015917e+1
401.89	55.51039715	5.551039715e+1
401.9	55.511778384	5.5511778384e+1
401.91	55.513159618	5.5513159618e+1
401.92	55.514540851	5.5514540851e+1
401.93	55.515922085	5.5515922085e+1
401.94	55.517303318	5.5517303318e+1
401.95	55.518684552	5.5518684552e+1
401.96	55.520065786	5.5520065786e+1
401.97	55.521447019	5.5521447019e+1
401.98	55.522828253	5.5522828253e+1
401.99	55.524209486	5.5524209486e+1
402	55.52559072	5.552559072e+1
402.01	55.526971954	5.5526971954e+1
402.02	55.528353187	5.5528353187e+1
402.03	55.529734421	5.5529734421e+1
402.04	55.531115654	5.5531115654e+1
402.05	55.532496888	5.5532496888e+1
402.06	55.533878122	5.5533878122e+1
402.07	55.535259355	5.5535259355e+1
402.08	55.536640589	5.5536640589e+1
402.09	55.538021822	5.5538021822e+1
402.1	55.539403056	5.5539403056e+1
402.11	55.54078429	5.554078429e+1
402.12	55.542165523	5.5542165523e+1
402.13	55.543546757	5.5543546757e+1
402.14	55.54492799	5.554492799e+1
402.15	55.546309224	5.5546309224e+1
402.16	55.547690458	5.5547690458e+1
402.17	55.549071691	5.5549071691e+1
402.18	55.550452925	5.5550452925e+1

402.19	55.551834158	5.5551834158e+1
402.2	55.553215392	5.5553215392e+1
402.21	55.554596626	5.5554596626e+1
402.22	55.555977859	5.5555977859e+1
402.23	55.557359093	5.5557359093e+1
402.24	55.558740326	5.5558740326e+1
402.25	55.56012156	5.556012156e+1
402.26	55.561502794	5.5561502794e+1
402.27	55.562884027	5.5562884027e+1
402.28	55.564265261	5.5564265261e+1
402.29	55.565646494	5.5565646494e+1
402.3	55.567027728	5.5567027728e+1
402.31	55.568408962	5.5568408962e+1
402.32	55.569790195	5.5569790195e+1
402.33	55.571171429	5.5571171429e+1
402.34	55.572552662	5.5572552662e+1
402.35	55.573933896	5.5573933896e+1
402.36	55.57531513	5.557531513e+1
402.37	55.576696363	5.5576696363e+1
402.38	55.578077597	5.5578077597e+1
402.39	55.57945883	5.557945883e+1
402.4	55.580840064	5.5580840064e+1
402.41	55.582221298	5.5582221298e+1
402.42	55.583602531	5.5583602531e+1
402.43	55.584983765	5.5584983765e+1
402.44	55.586364998	5.5586364998e+1
402.45	55.587746232	5.5587746232e+1
402.46	55.589127466	5.5589127466e+1
402.47	55.590508699	5.5590508699e+1
402.48	55.591889933	5.5591889933e+1
402.49	55.593271166	5.5593271166e+1
402.5	55.5946524	5.55946524e+1
402.51	55.596033634	5.5596033634e+1
402.52	55.597414867	5.5597414867e+1
402.53	55.598796101	5.5598796101e+1
402.54	55.600177334	5.5600177334e+1
402.55	55.601558568	5.5601558568e+1
402.56	55.602939802	5.5602939802e+1

402.57	55.604321035	5.5604321035e+1
402.58	55.605702269	5.5605702269e+1
402.59	55.607083502	5.5607083502e+1
402.6	55.608464736	5.5608464736e+1
402.61	55.60984597	5.560984597e+1
402.62	55.611227203	5.5611227203e+1
402.63	55.612608437	5.5612608437e+1
402.64	55.61398967	5.561398967e+1
402.65	55.615370904	5.5615370904e+1
402.66	55.616752138	5.5616752138e+1
402.67	55.618133371	5.5618133371e+1
402.68	55.619514605	5.5619514605e+1
402.69	55.620895838	5.5620895838e+1
402.7	55.622277072	5.5622277072e+1
402.71	55.623658306	5.5623658306e+1
402.72	55.625039539	5.5625039539e+1
402.73	55.626420773	5.5626420773e+1
402.74	55.627802006	5.5627802006e+1
402.75	55.62918324	5.562918324e+1
402.76	55.630564474	5.5630564474e+1
402.77	55.631945707	5.5631945707e+1
402.78	55.633326941	5.5633326941e+1
402.79	55.634708174	5.5634708174e+1
402.8	55.636089408	5.5636089408e+1
402.81	55.637470642	5.5637470642e+1
402.82	55.638851875	5.5638851875e+1
402.83	55.640233109	5.5640233109e+1
402.84	55.641614342	5.5641614342e+1
402.85	55.642995576	5.5642995576e+1
402.86	55.64437681	5.564437681e+1
402.87	55.645758043	5.5645758043e+1
402.88	55.647139277	5.5647139277e+1
402.89	55.64852051	5.564852051e+1
402.9	55.649901744	5.5649901744e+1
402.91	55.651282978	5.5651282978e+1
402.92	55.652664211	5.5652664211e+1
402.93	55.654045445	5.5654045445e+1
402.94	55.655426678	5.5655426678e+1

402.95	55.656807912	5.5656807912e+1
402.96	55.658189146	5.5658189146e+1
402.97	55.659570379	5.5659570379e+1
402.98	55.660951613	5.5660951613e+1
402.99	55.662332846	5.5662332846e+1
403	55.66371408	5.566371408e+1
403.01	55.665095314	5.5665095314e+1
403.02	55.666476547	5.5666476547e+1
403.03	55.667857781	5.5667857781e+1
403.04	55.669239014	5.5669239014e+1
403.05	55.670620248	5.5670620248e+1
403.06	55.672001482	5.5672001482e+1
403.07	55.673382715	5.5673382715e+1
403.08	55.674763949	5.5674763949e+1
403.09	55.676145182	5.5676145182e+1
403.1	55.677526416	5.5677526416e+1
403.11	55.67890765	5.567890765e+1
403.12	55.680288883	5.5680288883e+1
403.13	55.681670117	5.5681670117e+1
403.14	55.68305135	5.568305135e+1
403.15	55.684432584	5.5684432584e+1
403.16	55.685813818	5.5685813818e+1
403.17	55.687195051	5.5687195051e+1
403.18	55.688576285	5.5688576285e+1
403.19	55.689957518	5.5689957518e+1
403.2	55.691338752	5.5691338752e+1
403.21	55.692719986	5.5692719986e+1
403.22	55.694101219	5.5694101219e+1
403.23	55.695482453	5.5695482453e+1
403.24	55.696863686	5.5696863686e+1
403.25	55.69824492	5.569824492e+1
403.26	55.699626154	5.5699626154e+1
403.27	55.701007387	5.5701007387e+1
403.28	55.702388621	5.5702388621e+1
403.29	55.703769854	5.5703769854e+1
403.3	55.705151088	5.5705151088e+1
403.31	55.706532322	5.5706532322e+1
403.32	55.707913555	5.5707913555e+1

403.33	55.709294789	5.5709294789e+1
403.34	55.710676022	5.5710676022e+1
403.35	55.712057256	5.5712057256e+1
403.36	55.71343849	5.571343849e+1
403.37	55.714819723	5.5714819723e+1
403.38	55.716200957	5.5716200957e+1
403.39	55.71758219	5.571758219e+1
403.4	55.718963424	5.5718963424e+1
403.41	55.720344658	5.5720344658e+1
403.42	55.721725891	5.5721725891e+1
403.43	55.723107125	5.5723107125e+1
403.44	55.724488358	5.5724488358e+1
403.45	55.725869592	5.5725869592e+1
403.46	55.727250826	5.5727250826e+1
403.47	55.728632059	5.5728632059e+1
403.48	55.730013293	5.5730013293e+1
403.49	55.731394526	5.5731394526e+1
403.5	55.73277576	5.573277576e+1
403.51	55.734156994	5.5734156994e+1
403.52	55.735538227	5.5735538227e+1
403.53	55.736919461	5.5736919461e+1
403.54	55.738300694	5.5738300694e+1
403.55	55.739681928	5.5739681928e+1
403.56	55.741063162	5.5741063162e+1
403.57	55.742444395	5.5742444395e+1
403.58	55.743825629	5.5743825629e+1
403.59	55.745206862	5.5745206862e+1
403.6	55.746588096	5.5746588096e+1
403.61	55.74796933	5.574796933e+1
403.62	55.749350563	5.5749350563e+1
403.63	55.750731797	5.5750731797e+1
403.64	55.75211303	5.575211303e+1
403.65	55.753494264	5.5753494264e+1
403.66	55.754875498	5.5754875498e+1
403.67	55.756256731	5.5756256731e+1
403.68	55.757637965	5.5757637965e+1
403.69	55.759019198	5.5759019198e+1
403.7	55.760400432	5.5760400432e+1

403.71	55.761781666	5.5761781666e+1
403.72	55.763162899	5.5763162899e+1
403.73	55.764544133	5.5764544133e+1
403.74	55.765925366	5.5765925366e+1
403.75	55.7673066	5.57673066e+1
403.76	55.768687834	5.5768687834e+1
403.77	55.770069067	5.5770069067e+1
403.78	55.771450301	5.5771450301e+1
403.79	55.772831534	5.5772831534e+1
403.8	55.774212768	5.5774212768e+1
403.81	55.775594002	5.5775594002e+1
403.82	55.776975235	5.5776975235e+1
403.83	55.778356469	5.5778356469e+1
403.84	55.779737702	5.5779737702e+1
403.85	55.781118936	5.5781118936e+1
403.86	55.78250017	5.578250017e+1
403.87	55.783881403	5.5783881403e+1
403.88	55.785262637	5.5785262637e+1
403.89	55.78664387	5.578664387e+1
403.9	55.788025104	5.5788025104e+1
403.91	55.789406338	5.5789406338e+1
403.92	55.790787571	5.5790787571e+1
403.93	55.792168805	5.5792168805e+1
403.94	55.793550038	5.5793550038e+1
403.95	55.794931272	5.5794931272e+1
403.96	55.796312506	5.5796312506e+1
403.97	55.797693739	5.5797693739e+1
403.98	55.799074973	5.5799074973e+1
403.99	55.800456206	5.5800456206e+1
404	55.80183744	5.580183744e+1
404.01	55.803218674	5.5803218674e+1
404.02	55.804599907	5.5804599907e+1
404.03	55.805981141	5.5805981141e+1
404.04	55.807362374	5.5807362374e+1
404.05	55.808743608	5.5808743608e+1
404.06	55.810124842	5.5810124842e+1
404.07	55.811506075	5.5811506075e+1
404.08	55.812887309	5.5812887309e+1

404.09	55.814268542	5.5814268542e+1
404.1	55.815649776	5.5815649776e+1
404.11	55.81703101	5.581703101e+1
404.12	55.818412243	5.5818412243e+1
404.13	55.819793477	5.5819793477e+1
404.14	55.82117471	5.582117471e+1
404.15	55.822555944	5.5822555944e+1
404.16	55.823937178	5.5823937178e+1
404.17	55.825318411	5.5825318411e+1
404.18	55.826699645	5.5826699645e+1
404.19	55.828080878	5.5828080878e+1
404.2	55.829462112	5.5829462112e+1
404.21	55.830843346	5.5830843346e+1
404.22	55.832224579	5.5832224579e+1
404.23	55.833605813	5.5833605813e+1
404.24	55.834987046	5.5834987046e+1
404.25	55.83636828	5.583636828e+1
404.26	55.837749514	5.5837749514e+1
404.27	55.839130747	5.5839130747e+1
404.28	55.840511981	5.5840511981e+1
404.29	55.841893214	5.5841893214e+1
404.3	55.843274448	5.5843274448e+1
404.31	55.844655682	5.5844655682e+1
404.32	55.846036915	5.5846036915e+1
404.33	55.847418149	5.5847418149e+1
404.34	55.848799382	5.5848799382e+1
404.35	55.850180616	5.5850180616e+1
404.36	55.85156185	5.585156185e+1
404.37	55.852943083	5.5852943083e+1
404.38	55.854324317	5.5854324317e+1
404.39	55.85570555	5.585570555e+1
404.4	55.857086784	5.5857086784e+1
404.41	55.858468018	5.5858468018e+1
404.42	55.859849251	5.5859849251e+1
404.43	55.861230485	5.5861230485e+1
404.44	55.862611718	5.5862611718e+1
404.45	55.863992952	5.5863992952e+1
404.46	55.865374186	5.5865374186e+1

404.47	55.866755419	5.5866755419e+1
404.48	55.868136653	5.5868136653e+1
404.49	55.869517886	5.5869517886e+1
404.5	55.87089912	5.587089912e+1
404.51	55.872280354	5.5872280354e+1
404.52	55.873661587	5.5873661587e+1
404.53	55.875042821	5.5875042821e+1
404.54	55.876424054	5.5876424054e+1
404.55	55.877805288	5.5877805288e+1
404.56	55.879186522	5.5879186522e+1
404.57	55.880567755	5.5880567755e+1
404.58	55.881948989	5.5881948989e+1
404.59	55.883330222	5.5883330222e+1
404.6	55.884711456	5.5884711456e+1
404.61	55.88609269	5.588609269e+1
404.62	55.887473923	5.5887473923e+1
404.63	55.888855157	5.5888855157e+1
404.64	55.89023639	5.589023639e+1
404.65	55.891617624	5.5891617624e+1
404.66	55.892998858	5.5892998858e+1
404.67	55.894380091	5.5894380091e+1
404.68	55.895761325	5.5895761325e+1
404.69	55.897142558	5.5897142558e+1
404.7	55.898523792	5.5898523792e+1
404.71	55.899905026	5.5899905026e+1
404.72	55.901286259	5.5901286259e+1
404.73	55.902667493	5.5902667493e+1
404.74	55.904048726	5.5904048726e+1
404.75	55.90542996	5.590542996e+1
404.76	55.906811194	5.5906811194e+1
404.77	55.908192427	5.5908192427e+1
404.78	55.909573661	5.5909573661e+1
404.79	55.910954894	5.5910954894e+1
404.8	55.912336128	5.5912336128e+1
404.81	55.913717362	5.5913717362e+1
404.82	55.915098595	5.5915098595e+1
404.83	55.916479829	5.5916479829e+1
404.84	55.917861062	5.5917861062e+1

404.85	55.919242296	5.5919242296e+1
404.86	55.92062353	5.592062353e+1
404.87	55.922004763	5.5922004763e+1
404.88	55.923385997	5.5923385997e+1
404.89	55.92476723	5.592476723e+1
404.9	55.926148464	5.5926148464e+1
404.91	55.927529698	5.5927529698e+1
404.92	55.928910931	5.5928910931e+1
404.93	55.930292165	5.5930292165e+1
404.94	55.931673398	5.5931673398e+1
404.95	55.933054632	5.5933054632e+1
404.96	55.934435866	5.5934435866e+1
404.97	55.935817099	5.5935817099e+1
404.98	55.937198333	5.5937198333e+1
404.99	55.938579566	5.5938579566e+1
405	55.9399608	5.59399608e+1
405.01	55.941342034	5.5941342034e+1
405.02	55.942723267	5.5942723267e+1
405.03	55.944104501	5.5944104501e+1
405.04	55.945485734	5.5945485734e+1
405.05	55.946866968	5.5946866968e+1
405.06	55.948248202	5.5948248202e+1
405.07	55.949629435	5.5949629435e+1
405.08	55.951010669	5.5951010669e+1
405.09	55.952391902	5.5952391902e+1
405.1	55.953773136	5.5953773136e+1
405.11	55.95515437	5.595515437e+1
405.12	55.956535603	5.5956535603e+1
405.13	55.957916837	5.5957916837e+1
405.14	55.95929807	5.595929807e+1
405.15	55.960679304	5.5960679304e+1
405.16	55.962060538	5.5962060538e+1
405.17	55.963441771	5.5963441771e+1
405.18	55.964823005	5.5964823005e+1
405.19	55.966204238	5.5966204238e+1
405.2	55.967585472	5.5967585472e+1
405.21	55.968966706	5.5968966706e+1
405.22	55.970347939	5.5970347939e+1

405.23	55.971729173	5.5971729173e+1
405.24	55.973110406	5.5973110406e+1
405.25	55.97449164	5.597449164e+1
405.26	55.975872874	5.5975872874e+1
405.27	55.977254107	5.5977254107e+1
405.28	55.978635341	5.5978635341e+1
405.29	55.980016574	5.5980016574e+1
405.3	55.981397808	5.5981397808e+1
405.31	55.982779042	5.5982779042e+1
405.32	55.984160275	5.5984160275e+1
405.33	55.985541509	5.5985541509e+1
405.34	55.986922742	5.5986922742e+1
405.35	55.988303976	5.5988303976e+1
405.36	55.98968521	5.598968521e+1
405.37	55.991066443	5.5991066443e+1
405.38	55.992447677	5.5992447677e+1
405.39	55.99382891	5.599382891e+1
405.4	55.995210144	5.5995210144e+1
405.41	55.996591378	5.5996591378e+1
405.42	55.997972611	5.5997972611e+1
405.43	55.999353845	5.5999353845e+1
405.44	56.000735078	5.6000735078e+1
405.45	56.002116312	5.6002116312e+1
405.46	56.003497546	5.6003497546e+1
405.47	56.004878779	5.6004878779e+1
405.48	56.006260013	5.6006260013e+1
405.49	56.007641246	5.6007641246e+1
405.5	56.00902248	5.600902248e+1
405.51	56.010403714	5.6010403714e+1
405.52	56.011784947	5.6011784947e+1
405.53	56.013166181	5.6013166181e+1
405.54	56.014547414	5.6014547414e+1
405.55	56.015928648	5.6015928648e+1
405.56	56.017309882	5.6017309882e+1
405.57	56.018691115	5.6018691115e+1
405.58	56.020072349	5.6020072349e+1
405.59	56.021453582	5.6021453582e+1
405.6	56.022834816	5.6022834816e+1

405.61	56.02421605	5.602421605e+1
405.62	56.025597283	5.6025597283e+1
405.63	56.026978517	5.6026978517e+1
405.64	56.02835975	5.602835975e+1
405.65	56.029740984	5.6029740984e+1
405.66	56.031122218	5.6031122218e+1
405.67	56.032503451	5.6032503451e+1
405.68	56.033884685	5.6033884685e+1
405.69	56.035265918	5.6035265918e+1
405.7	56.036647152	5.6036647152e+1
405.71	56.038028386	5.6038028386e+1
405.72	56.039409619	5.6039409619e+1
405.73	56.040790853	5.6040790853e+1
405.74	56.042172086	5.6042172086e+1
405.75	56.04355332	5.604355332e+1
405.76	56.044934554	5.6044934554e+1
405.77	56.046315787	5.6046315787e+1
405.78	56.047697021	5.6047697021e+1
405.79	56.049078254	5.6049078254e+1
405.8	56.050459488	5.6050459488e+1
405.81	56.051840722	5.6051840722e+1
405.82	56.053221955	5.6053221955e+1
405.83	56.054603189	5.6054603189e+1
405.84	56.055984422	5.6055984422e+1
405.85	56.057365656	5.6057365656e+1
405.86	56.05874689	5.605874689e+1
405.87	56.060128123	5.6060128123e+1
405.88	56.061509357	5.6061509357e+1
405.89	56.06289059	5.606289059e+1
405.9	56.064271824	5.6064271824e+1
405.91	56.065653058	5.6065653058e+1
405.92	56.067034291	5.6067034291e+1
405.93	56.068415525	5.6068415525e+1
405.94	56.069796758	5.6069796758e+1
405.95	56.071177992	5.6071177992e+1
405.96	56.072559226	5.6072559226e+1
405.97	56.073940459	5.6073940459e+1
405.98	56.075321693	5.6075321693e+1

405.99	56.076702926	5.6076702926e+1
406	56.07808416	5.607808416e+1
406.01	56.079465394	5.6079465394e+1
406.02	56.080846627	5.6080846627e+1
406.03	56.082227861	5.6082227861e+1
406.04	56.083609094	5.6083609094e+1
406.05	56.084990328	5.6084990328e+1
406.06	56.086371562	5.6086371562e+1
406.07	56.087752795	5.6087752795e+1
406.08	56.089134029	5.6089134029e+1
406.09	56.090515262	5.6090515262e+1
406.1	56.091896496	5.6091896496e+1
406.11	56.09327773	5.609327773e+1
406.12	56.094658963	5.6094658963e+1
406.13	56.096040197	5.6096040197e+1
406.14	56.09742143	5.609742143e+1
406.15	56.098802664	5.6098802664e+1
406.16	56.100183898	5.6100183898e+1
406.17	56.101565131	5.6101565131e+1
406.18	56.102946365	5.6102946365e+1
406.19	56.104327598	5.6104327598e+1
406.2	56.105708832	5.6105708832e+1
406.21	56.107090066	5.6107090066e+1
406.22	56.108471299	5.6108471299e+1
406.23	56.109852533	5.6109852533e+1
406.24	56.111233766	5.6111233766e+1
406.25	56.112615	5.6112615e+1
406.26	56.113996234	5.6113996234e+1
406.27	56.115377467	5.6115377467e+1
406.28	56.116758701	5.6116758701e+1
406.29	56.118139934	5.6118139934e+1
406.3	56.119521168	5.6119521168e+1
406.31	56.120902402	5.6120902402e+1
406.32	56.122283635	5.6122283635e+1
406.33	56.123664869	5.6123664869e+1
406.34	56.125046102	5.6125046102e+1
406.35	56.126427336	5.6126427336e+1
406.36	56.12780857	5.612780857e+1

406.37	56.129189803	5.6129189803e+1
406.38	56.130571037	5.6130571037e+1
406.39	56.13195227	5.613195227e+1
406.4	56.133333504	5.6133333504e+1
406.41	56.134714738	5.6134714738e+1
406.42	56.136095971	5.6136095971e+1
406.43	56.137477205	5.6137477205e+1
406.44	56.138858438	5.6138858438e+1
406.45	56.140239672	5.6140239672e+1
406.46	56.141620906	5.6141620906e+1
406.47	56.143002139	5.6143002139e+1
406.48	56.144383373	5.6144383373e+1
406.49	56.145764606	5.6145764606e+1
406.5	56.14714584	5.614714584e+1
406.51	56.148527074	5.6148527074e+1
406.52	56.149908307	5.6149908307e+1
406.53	56.151289541	5.6151289541e+1
406.54	56.152670774	5.6152670774e+1
406.55	56.154052008	5.6154052008e+1
406.56	56.155433242	5.6155433242e+1
406.57	56.156814475	5.6156814475e+1
406.58	56.158195709	5.6158195709e+1
406.59	56.159576942	5.6159576942e+1
406.6	56.160958176	5.6160958176e+1
406.61	56.16233941	5.616233941e+1
406.62	56.163720643	5.6163720643e+1
406.63	56.165101877	5.6165101877e+1
406.64	56.16648311	5.616648311e+1
406.65	56.167864344	5.6167864344e+1
406.66	56.169245578	5.6169245578e+1
406.67	56.170626811	5.6170626811e+1
406.68	56.172008045	5.6172008045e+1
406.69	56.173389278	5.6173389278e+1
406.7	56.174770512	5.6174770512e+1
406.71	56.176151746	5.6176151746e+1
406.72	56.177532979	5.6177532979e+1
406.73	56.178914213	5.6178914213e+1
406.74	56.180295446	5.6180295446e+1

406.75	56.18167668	5.618167668e+1
406.76	56.183057914	5.6183057914e+1
406.77	56.184439147	5.6184439147e+1
406.78	56.185820381	5.6185820381e+1
406.79	56.187201614	5.6187201614e+1
406.8	56.188582848	5.6188582848e+1
406.81	56.189964082	5.6189964082e+1
406.82	56.191345315	5.6191345315e+1
406.83	56.192726549	5.6192726549e+1
406.84	56.194107782	5.6194107782e+1
406.85	56.195489016	5.6195489016e+1
406.86	56.19687025	5.619687025e+1
406.87	56.198251483	5.6198251483e+1
406.88	56.199632717	5.6199632717e+1
406.89	56.20101395	5.620101395e+1
406.9	56.202395184	5.6202395184e+1
406.91	56.203776418	5.6203776418e+1
406.92	56.205157651	5.6205157651e+1
406.93	56.206538885	5.6206538885e+1
406.94	56.207920118	5.6207920118e+1
406.95	56.209301352	5.6209301352e+1
406.96	56.210682586	5.6210682586e+1
406.97	56.212063819	5.6212063819e+1
406.98	56.213445053	5.6213445053e+1
406.99	56.214826286	5.6214826286e+1
407	56.21620752	5.621620752e+1
407.01	56.217588754	5.6217588754e+1
407.02	56.218969987	5.6218969987e+1
407.03	56.220351221	5.6220351221e+1
407.04	56.221732454	5.6221732454e+1
407.05	56.223113688	5.6223113688e+1
407.06	56.224494922	5.6224494922e+1
407.07	56.225876155	5.6225876155e+1
407.08	56.227257389	5.6227257389e+1
407.09	56.228638622	5.6228638622e+1
407.1	56.230019856	5.6230019856e+1
407.11	56.23140109	5.623140109e+1
407.12	56.232782323	5.6232782323e+1

407.13	56.234163557	5.6234163557e+1
407.14	56.23554479	5.623554479e+1
407.15	56.236926024	5.6236926024e+1
407.16	56.238307258	5.6238307258e+1
407.17	56.239688491	5.6239688491e+1
407.18	56.241069725	5.6241069725e+1
407.19	56.242450958	5.6242450958e+1
407.2	56.243832192	5.6243832192e+1
407.21	56.245213426	5.6245213426e+1
407.22	56.246594659	5.6246594659e+1
407.23	56.247975893	5.6247975893e+1
407.24	56.249357126	5.6249357126e+1
407.25	56.25073836	5.625073836e+1
407.26	56.252119594	5.6252119594e+1
407.27	56.253500827	5.6253500827e+1
407.28	56.254882061	5.6254882061e+1
407.29	56.256263294	5.6256263294e+1
407.3	56.257644528	5.6257644528e+1
407.31	56.259025762	5.6259025762e+1
407.32	56.260406995	5.6260406995e+1
407.33	56.261788229	5.6261788229e+1
407.34	56.263169462	5.6263169462e+1
407.35	56.264550696	5.6264550696e+1
407.36	56.26593193	5.626593193e+1
407.37	56.267313163	5.6267313163e+1
407.38	56.268694397	5.6268694397e+1
407.39	56.27007563	5.627007563e+1
407.4	56.271456864	5.6271456864e+1
407.41	56.272838098	5.6272838098e+1
407.42	56.274219331	5.6274219331e+1
407.43	56.275600565	5.6275600565e+1
407.44	56.276981798	5.6276981798e+1
407.45	56.278363032	5.6278363032e+1
407.46	56.279744266	5.6279744266e+1
407.47	56.281125499	5.6281125499e+1
407.48	56.282506733	5.6282506733e+1
407.49	56.283887966	5.6283887966e+1
407.5	56.2852692	5.62852692e+1

407.51	56.286650434	5.6286650434e+1
407.52	56.288031667	5.6288031667e+1
407.53	56.289412901	5.6289412901e+1
407.54	56.290794134	5.6290794134e+1
407.55	56.292175368	5.6292175368e+1
407.56	56.293556602	5.6293556602e+1
407.57	56.294937835	5.6294937835e+1
407.58	56.296319069	5.6296319069e+1
407.59	56.297700302	5.6297700302e+1
407.6	56.299081536	5.6299081536e+1
407.61	56.30046277	5.630046277e+1
407.62	56.301844003	5.6301844003e+1
407.63	56.303225237	5.6303225237e+1
407.64	56.30460647	5.630460647e+1
407.65	56.305987704	5.6305987704e+1
407.66	56.307368938	5.6307368938e+1
407.67	56.308750171	5.6308750171e+1
407.68	56.310131405	5.6310131405e+1
407.69	56.311512638	5.6311512638e+1
407.7	56.312893872	5.6312893872e+1
407.71	56.314275106	5.6314275106e+1
407.72	56.315656339	5.6315656339e+1
407.73	56.317037573	5.6317037573e+1
407.74	56.318418806	5.6318418806e+1
407.75	56.31980004	5.631980004e+1
407.76	56.321181274	5.6321181274e+1
407.77	56.322562507	5.6322562507e+1
407.78	56.323943741	5.6323943741e+1
407.79	56.325324974	5.6325324974e+1
407.8	56.326706208	5.6326706208e+1
407.81	56.328087442	5.6328087442e+1
407.82	56.329468675	5.6329468675e+1
407.83	56.330849909	5.6330849909e+1
407.84	56.332231142	5.6332231142e+1
407.85	56.333612376	5.6333612376e+1
407.86	56.33499361	5.633499361e+1
407.87	56.336374843	5.6336374843e+1
407.88	56.337756077	5.6337756077e+1

407.89	56.33913731	5.633913731e+1
407.9	56.340518544	5.6340518544e+1
407.91	56.341899778	5.6341899778e+1
407.92	56.343281011	5.6343281011e+1
407.93	56.344662245	5.6344662245e+1
407.94	56.346043478	5.6346043478e+1
407.95	56.347424712	5.6347424712e+1
407.96	56.348805946	5.6348805946e+1
407.97	56.350187179	5.6350187179e+1
407.98	56.351568413	5.6351568413e+1
407.99	56.352949646	5.6352949646e+1
408	56.35433088	5.635433088e+1
408.01	56.355712114	5.6355712114e+1
408.02	56.357093347	5.6357093347e+1
408.03	56.358474581	5.6358474581e+1
408.04	56.359855814	5.6359855814e+1
408.05	56.361237048	5.6361237048e+1
408.06	56.362618282	5.6362618282e+1
408.07	56.363999515	5.6363999515e+1
408.08	56.365380749	5.6365380749e+1
408.09	56.366761982	5.6366761982e+1
408.1	56.368143216	5.6368143216e+1
408.11	56.36952445	5.636952445e+1
408.12	56.370905683	5.6370905683e+1
408.13	56.372286917	5.6372286917e+1
408.14	56.37366815	5.637366815e+1
408.15	56.375049384	5.6375049384e+1
408.16	56.376430618	5.6376430618e+1
408.17	56.377811851	5.6377811851e+1
408.18	56.379193085	5.6379193085e+1
408.19	56.380574318	5.6380574318e+1
408.2	56.381955552	5.6381955552e+1
408.21	56.383336786	5.63833336786e+1
408.22	56.384718019	5.6384718019e+1
408.23	56.386099253	5.6386099253e+1
408.24	56.387480486	5.6387480486e+1
408.25	56.38886172	5.638886172e+1
408.26	56.390242954	5.6390242954e+1

408.27	56.391624187	5.6391624187e+1
408.28	56.393005421	5.6393005421e+1
408.29	56.394386654	5.6394386654e+1
408.3	56.395767888	5.6395767888e+1
408.31	56.397149122	5.6397149122e+1
408.32	56.398530355	5.6398530355e+1
408.33	56.399911589	5.6399911589e+1
408.34	56.401292822	5.6401292822e+1
408.35	56.402674056	5.6402674056e+1
408.36	56.40405529	5.640405529e+1
408.37	56.405436523	5.6405436523e+1
408.38	56.406817757	5.6406817757e+1
408.39	56.40819899	5.640819899e+1
408.4	56.409580224	5.6409580224e+1
408.41	56.410961458	5.6410961458e+1
408.42	56.412342691	5.6412342691e+1
408.43	56.413723925	5.6413723925e+1
408.44	56.415105158	5.6415105158e+1
408.45	56.416486392	5.6416486392e+1
408.46	56.417867626	5.6417867626e+1
408.47	56.419248859	5.6419248859e+1
408.48	56.420630093	5.6420630093e+1
408.49	56.422011326	5.6422011326e+1
408.5	56.42339256	5.642339256e+1
408.51	56.424773794	5.6424773794e+1
408.52	56.426155027	5.6426155027e+1
408.53	56.427536261	5.6427536261e+1
408.54	56.428917494	5.6428917494e+1
408.55	56.430298728	5.6430298728e+1
408.56	56.431679962	5.6431679962e+1
408.57	56.433061195	5.6433061195e+1
408.58	56.434442429	5.6434442429e+1
408.59	56.435823662	5.6435823662e+1
408.6	56.437204896	5.6437204896e+1
408.61	56.43858613	5.643858613e+1
408.62	56.439967363	5.6439967363e+1
408.63	56.441348597	5.6441348597e+1
408.64	56.44272983	5.644272983e+1

408.65	56.444111064	5.6444111064e+1
408.66	56.445492298	5.6445492298e+1
408.67	56.446873531	5.6446873531e+1
408.68	56.448254765	5.6448254765e+1
408.69	56.449635998	5.6449635998e+1
408.7	56.451017232	5.6451017232e+1
408.71	56.452398466	5.6452398466e+1
408.72	56.453779699	5.6453779699e+1
408.73	56.455160933	5.6455160933e+1
408.74	56.456542166	5.6456542166e+1
408.75	56.4579234	5.64579234e+1
408.76	56.459304634	5.6459304634e+1
408.77	56.460685867	5.6460685867e+1
408.78	56.462067101	5.6462067101e+1
408.79	56.463448334	5.6463448334e+1
408.8	56.464829568	5.6464829568e+1
408.81	56.466210802	5.6466210802e+1
408.82	56.467592035	5.6467592035e+1
408.83	56.468973269	5.6468973269e+1
408.84	56.470354502	5.6470354502e+1
408.85	56.471735736	5.6471735736e+1
408.86	56.47311697	5.647311697e+1
408.87	56.474498203	5.6474498203e+1
408.88	56.475879437	5.6475879437e+1
408.89	56.47726067	5.647726067e+1
408.9	56.478641904	5.6478641904e+1
408.91	56.480023138	5.6480023138e+1
408.92	56.481404371	5.6481404371e+1
408.93	56.482785605	5.6482785605e+1
408.94	56.484166838	5.6484166838e+1
408.95	56.485548072	5.6485548072e+1
408.96	56.486929306	5.6486929306e+1
408.97	56.488310539	5.6488310539e+1
408.98	56.489691773	5.6489691773e+1
408.99	56.491073006	5.6491073006e+1
409	56.49245424	5.649245424e+1
409.01	56.493835474	5.6493835474e+1
409.02	56.495216707	5.6495216707e+1

409.03	56.496597941	5.6496597941e+1
409.04	56.497979174	5.6497979174e+1
409.05	56.499360408	5.6499360408e+1
409.06	56.500741642	5.6500741642e+1
409.07	56.502122875	5.6502122875e+1
409.08	56.503504109	5.6503504109e+1
409.09	56.504885342	5.6504885342e+1
409.1	56.506266576	5.6506266576e+1
409.11	56.50764781	5.650764781e+1
409.12	56.509029043	5.6509029043e+1
409.13	56.510410277	5.6510410277e+1
409.14	56.51179151	5.651179151e+1
409.15	56.513172744	5.6513172744e+1
409.16	56.514553978	5.6514553978e+1
409.17	56.515935211	5.6515935211e+1
409.18	56.517316445	5.6517316445e+1
409.19	56.518697678	5.6518697678e+1
409.2	56.520078912	5.6520078912e+1
409.21	56.521460146	5.6521460146e+1
409.22	56.522841379	5.6522841379e+1
409.23	56.524222613	5.6524222613e+1
409.24	56.525603846	5.6525603846e+1
409.25	56.52698508	5.652698508e+1
409.26	56.528366314	5.6528366314e+1
409.27	56.529747547	5.6529747547e+1
409.28	56.531128781	5.6531128781e+1
409.29	56.532510014	5.6532510014e+1
409.3	56.533891248	5.6533891248e+1
409.31	56.535272482	5.6535272482e+1
409.32	56.536653715	5.6536653715e+1
409.33	56.538034949	5.6538034949e+1
409.34	56.539416182	5.6539416182e+1
409.35	56.540797416	5.6540797416e+1
409.36	56.54217865	5.654217865e+1
409.37	56.543559883	5.6543559883e+1
409.38	56.544941117	5.6544941117e+1
409.39	56.54632235	5.654632235e+1
409.4	56.547703584	5.6547703584e+1

409.41	56.549084818	5.6549084818e+1
409.42	56.550466051	5.6550466051e+1
409.43	56.551847285	5.6551847285e+1
409.44	56.553228518	5.6553228518e+1
409.45	56.554609752	5.6554609752e+1
409.46	56.555990986	5.6555990986e+1
409.47	56.557372219	5.6557372219e+1
409.48	56.558753453	5.6558753453e+1
409.49	56.560134686	5.6560134686e+1
409.5	56.56151592	5.656151592e+1
409.51	56.562897154	5.6562897154e+1
409.52	56.564278387	5.6564278387e+1
409.53	56.565659621	5.6565659621e+1
409.54	56.567040854	5.6567040854e+1
409.55	56.568422088	5.6568422088e+1
409.56	56.569803322	5.6569803322e+1
409.57	56.571184555	5.6571184555e+1
409.58	56.572565789	5.6572565789e+1
409.59	56.573947022	5.6573947022e+1
409.6	56.575328256	5.6575328256e+1
409.61	56.57670949	5.657670949e+1
409.62	56.578090723	5.6578090723e+1
409.63	56.579471957	5.6579471957e+1
409.64	56.58085319	5.658085319e+1
409.65	56.582234424	5.6582234424e+1
409.66	56.583615658	5.6583615658e+1
409.67	56.584996891	5.6584996891e+1
409.68	56.586378125	5.6586378125e+1
409.69	56.587759358	5.6587759358e+1
409.7	56.589140592	5.6589140592e+1
409.71	56.590521826	5.6590521826e+1
409.72	56.591903059	5.6591903059e+1
409.73	56.593284293	5.6593284293e+1
409.74	56.594665526	5.6594665526e+1
409.75	56.59604676	5.659604676e+1
409.76	56.597427994	5.6597427994e+1
409.77	56.598809227	5.6598809227e+1
409.78	56.600190461	5.6600190461e+1

409.79	56.601571694	5.6601571694e+1
409.8	56.602952928	5.6602952928e+1
409.81	56.604334162	5.6604334162e+1
409.82	56.605715395	5.6605715395e+1
409.83	56.607096629	5.6607096629e+1
409.84	56.608477862	5.6608477862e+1
409.85	56.609859096	5.6609859096e+1
409.86	56.61124033	5.661124033e+1
409.87	56.612621563	5.6612621563e+1
409.88	56.614002797	5.6614002797e+1
409.89	56.61538403	5.661538403e+1
409.9	56.616765264	5.6616765264e+1
409.91	56.618146498	5.6618146498e+1
409.92	56.619527731	5.6619527731e+1
409.93	56.620908965	5.6620908965e+1
409.94	56.622290198	5.6622290198e+1
409.95	56.623671432	5.6623671432e+1
409.96	56.625052666	5.6625052666e+1
409.97	56.626433899	5.6626433899e+1
409.98	56.627815133	5.6627815133e+1
409.99	56.629196366	5.6629196366e+1
410	56.6305776	5.66305776e+1
410.01	56.631958834	5.6631958834e+1
410.02	56.633340067	5.6633340067e+1
410.03	56.634721301	5.6634721301e+1
410.04	56.636102534	5.6636102534e+1
410.05	56.637483768	5.6637483768e+1
410.06	56.638865002	5.6638865002e+1
410.07	56.640246235	5.6640246235e+1
410.08	56.641627469	5.6641627469e+1
410.09	56.643008702	5.6643008702e+1
410.1	56.644389936	5.6644389936e+1
410.11	56.64577117	5.664577117e+1
410.12	56.647152403	5.6647152403e+1
410.13	56.648533637	5.6648533637e+1
410.14	56.64991487	5.664991487e+1
410.15	56.651296104	5.6651296104e+1
410.16	56.652677338	5.6652677338e+1

410.17	56.654058571	5.6654058571e+1
410.18	56.655439805	5.6655439805e+1
410.19	56.656821038	5.6656821038e+1
410.2	56.658202272	5.6658202272e+1
410.21	56.659583506	5.6659583506e+1
410.22	56.660964739	5.6660964739e+1
410.23	56.662345973	5.6662345973e+1
410.24	56.663727206	5.6663727206e+1
410.25	56.66510844	5.666510844e+1
410.26	56.666489674	5.6666489674e+1
410.27	56.667870907	5.6667870907e+1
410.28	56.669252141	5.6669252141e+1
410.29	56.670633374	5.6670633374e+1
410.3	56.672014608	5.6672014608e+1
410.31	56.673395842	5.6673395842e+1
410.32	56.674777075	5.6674777075e+1
410.33	56.676158309	5.6676158309e+1
410.34	56.677539542	5.6677539542e+1
410.35	56.678920776	5.6678920776e+1
410.36	56.68030201	5.668030201e+1
410.37	56.681683243	5.6681683243e+1
410.38	56.683064477	5.6683064477e+1
410.39	56.68444571	5.668444571e+1
410.4	56.685826944	5.6685826944e+1
410.41	56.687208178	5.6687208178e+1
410.42	56.688589411	5.6688589411e+1
410.43	56.689970645	5.6689970645e+1
410.44	56.691351878	5.6691351878e+1
410.45	56.692733112	5.6692733112e+1
410.46	56.694114346	5.6694114346e+1
410.47	56.695495579	5.6695495579e+1
410.48	56.696876813	5.6696876813e+1
410.49	56.698258046	5.6698258046e+1
410.5	56.69963928	5.669963928e+1
410.51	56.701020514	5.6701020514e+1
410.52	56.702401747	5.6702401747e+1
410.53	56.703782981	5.6703782981e+1
410.54	56.705164214	5.6705164214e+1

410.55	56.706545448	5.6706545448e+1
410.56	56.707926682	5.6707926682e+1
410.57	56.709307915	5.6709307915e+1
410.58	56.710689149	5.6710689149e+1
410.59	56.712070382	5.6712070382e+1
410.6	56.713451616	5.6713451616e+1
410.61	56.71483285	5.671483285e+1
410.62	56.716214083	5.6716214083e+1
410.63	56.717595317	5.6717595317e+1
410.64	56.71897655	5.671897655e+1
410.65	56.720357784	5.6720357784e+1
410.66	56.721739018	5.6721739018e+1
410.67	56.723120251	5.6723120251e+1
410.68	56.724501485	5.6724501485e+1
410.69	56.725882718	5.6725882718e+1
410.7	56.727263952	5.6727263952e+1
410.71	56.728645186	5.6728645186e+1
410.72	56.730026419	5.6730026419e+1
410.73	56.731407653	5.6731407653e+1
410.74	56.732788886	5.6732788886e+1
410.75	56.73417012	5.673417012e+1
410.76	56.735551354	5.6735551354e+1
410.77	56.736932587	5.6736932587e+1
410.78	56.738313821	5.6738313821e+1
410.79	56.739695054	5.6739695054e+1
410.8	56.741076288	5.6741076288e+1
410.81	56.742457522	5.6742457522e+1
410.82	56.743838755	5.6743838755e+1
410.83	56.745219989	5.6745219989e+1
410.84	56.746601222	5.6746601222e+1
410.85	56.747982456	5.6747982456e+1
410.86	56.74936369	5.674936369e+1
410.87	56.750744923	5.6750744923e+1
410.88	56.752126157	5.6752126157e+1
410.89	56.75350739	5.675350739e+1
410.9	56.754888624	5.6754888624e+1
410.91	56.756269858	5.6756269858e+1
410.92	56.757651091	5.6757651091e+1

410.93	56.759032325	5.6759032325e+1
410.94	56.760413558	5.6760413558e+1
410.95	56.761794792	5.6761794792e+1
410.96	56.763176026	5.6763176026e+1
410.97	56.764557259	5.6764557259e+1
410.98	56.765938493	5.6765938493e+1
410.99	56.767319726	5.6767319726e+1
411	56.76870096	5.676870096e+1
411.01	56.770082194	5.6770082194e+1
411.02	56.771463427	5.6771463427e+1
411.03	56.772844661	5.6772844661e+1
411.04	56.774225894	5.6774225894e+1
411.05	56.775607128	5.6775607128e+1
411.06	56.776988362	5.6776988362e+1
411.07	56.778369595	5.6778369595e+1
411.08	56.779750829	5.6779750829e+1
411.09	56.781132062	5.6781132062e+1
411.1	56.782513296	5.6782513296e+1
411.11	56.78389453	5.678389453e+1
411.12	56.785275763	5.6785275763e+1
411.13	56.786656997	5.6786656997e+1
411.14	56.78803823	5.678803823e+1
411.15	56.789419464	5.6789419464e+1
411.16	56.790800698	5.6790800698e+1
411.17	56.792181931	5.6792181931e+1
411.18	56.793563165	5.6793563165e+1
411.19	56.794944398	5.6794944398e+1
411.2	56.796325632	5.6796325632e+1
411.21	56.797706866	5.6797706866e+1
411.22	56.799088099	5.6799088099e+1
411.23	56.800469333	5.6800469333e+1
411.24	56.801850566	5.6801850566e+1
411.25	56.8032318	5.68032318e+1
411.26	56.804613034	5.6804613034e+1
411.27	56.805994267	5.6805994267e+1
411.28	56.807375501	5.6807375501e+1
411.29	56.808756734	5.6808756734e+1
411.3	56.810137968	5.6810137968e+1

411.31	56.811519202	5.6811519202e+1
411.32	56.812900435	5.6812900435e+1
411.33	56.814281669	5.6814281669e+1
411.34	56.815662902	5.6815662902e+1
411.35	56.817044136	5.6817044136e+1
411.36	56.81842537	5.681842537e+1
411.37	56.819806603	5.6819806603e+1
411.38	56.821187837	5.6821187837e+1
411.39	56.82256907	5.682256907e+1
411.4	56.823950304	5.6823950304e+1
411.41	56.825331538	5.6825331538e+1
411.42	56.826712771	5.6826712771e+1
411.43	56.828094005	5.6828094005e+1
411.44	56.829475238	5.6829475238e+1
411.45	56.830856472	5.6830856472e+1
411.46	56.832237706	5.6832237706e+1
411.47	56.833618939	5.6833618939e+1
411.48	56.835000173	5.6835000173e+1
411.49	56.836381406	5.6836381406e+1
411.5	56.83776264	5.683776264e+1
411.51	56.839143874	5.6839143874e+1
411.52	56.840525107	5.6840525107e+1
411.53	56.841906341	5.6841906341e+1
411.54	56.843287574	5.6843287574e+1
411.55	56.844668808	5.6844668808e+1
411.56	56.846050042	5.6846050042e+1
411.57	56.847431275	5.6847431275e+1
411.58	56.848812509	5.6848812509e+1
411.59	56.850193742	5.6850193742e+1
411.6	56.851574976	5.6851574976e+1
411.61	56.85295621	5.685295621e+1
411.62	56.854337443	5.6854337443e+1
411.63	56.855718677	5.6855718677e+1
411.64	56.85709991	5.685709991e+1
411.65	56.858481144	5.6858481144e+1
411.66	56.859862378	5.6859862378e+1
411.67	56.861243611	5.6861243611e+1
411.68	56.862624845	5.6862624845e+1

411.69	56.864006078	5.6864006078e+1
411.7	56.865387312	5.6865387312e+1
411.71	56.866768546	5.6866768546e+1
411.72	56.868149779	5.6868149779e+1
411.73	56.869531013	5.6869531013e+1
411.74	56.870912246	5.6870912246e+1
411.75	56.87229348	5.687229348e+1
411.76	56.873674714	5.6873674714e+1
411.77	56.875055947	5.6875055947e+1
411.78	56.876437181	5.6876437181e+1
411.79	56.877818414	5.6877818414e+1
411.8	56.879199648	5.6879199648e+1
411.81	56.880580882	5.6880580882e+1
411.82	56.881962115	5.6881962115e+1
411.83	56.883343349	5.6883343349e+1
411.84	56.884724582	5.6884724582e+1
411.85	56.886105816	5.6886105816e+1
411.86	56.88748705	5.688748705e+1
411.87	56.888868283	5.688868283e+1
411.88	56.890249517	5.6890249517e+1
411.89	56.89163075	5.689163075e+1
411.9	56.893011984	5.6893011984e+1
411.91	56.894393218	5.6894393218e+1
411.92	56.895774451	5.6895774451e+1
411.93	56.897155685	5.6897155685e+1
411.94	56.898536918	5.6898536918e+1
411.95	56.899918152	5.6899918152e+1
411.96	56.901299386	5.6901299386e+1
411.97	56.902680619	5.6902680619e+1
411.98	56.904061853	5.6904061853e+1
411.99	56.905443086	5.6905443086e+1
412	56.90682432	5.690682432e+1
412.01	56.908205554	5.6908205554e+1
412.02	56.909586787	5.6909586787e+1
412.03	56.910968021	5.6910968021e+1
412.04	56.912349254	5.6912349254e+1
412.05	56.913730488	5.6913730488e+1
412.06	56.915111722	5.6915111722e+1

412.07	56.916492955	5.6916492955e+1
412.08	56.917874189	5.6917874189e+1
412.09	56.919255422	5.6919255422e+1
412.1	56.920636656	5.6920636656e+1
412.11	56.92201789	5.692201789e+1
412.12	56.923399123	5.6923399123e+1
412.13	56.924780357	5.6924780357e+1
412.14	56.92616159	5.692616159e+1
412.15	56.927542824	5.6927542824e+1
412.16	56.928924058	5.6928924058e+1
412.17	56.930305291	5.6930305291e+1
412.18	56.931686525	5.6931686525e+1
412.19	56.933067758	5.6933067758e+1
412.2	56.934448992	5.6934448992e+1
412.21	56.935830226	5.6935830226e+1
412.22	56.937211459	5.6937211459e+1
412.23	56.938592693	5.6938592693e+1
412.24	56.939973926	5.6939973926e+1
412.25	56.94135516	5.694135516e+1
412.26	56.942736394	5.6942736394e+1
412.27	56.944117627	5.6944117627e+1
412.28	56.945498861	5.6945498861e+1
412.29	56.946880094	5.6946880094e+1
412.3	56.948261328	5.6948261328e+1
412.31	56.949642562	5.6949642562e+1
412.32	56.951023795	5.6951023795e+1
412.33	56.952405029	5.6952405029e+1
412.34	56.953786262	5.6953786262e+1
412.35	56.955167496	5.6955167496e+1
412.36	56.95654873	5.695654873e+1
412.37	56.957929963	5.6957929963e+1
412.38	56.959311197	5.6959311197e+1
412.39	56.96069243	5.696069243e+1
412.4	56.962073664	5.6962073664e+1
412.41	56.963454898	5.6963454898e+1
412.42	56.964836131	5.6964836131e+1
412.43	56.966217365	5.6966217365e+1
412.44	56.967598598	5.6967598598e+1

412.45	56.968979832	5.6968979832e+1
412.46	56.970361066	5.6970361066e+1
412.47	56.971742299	5.6971742299e+1
412.48	56.973123533	5.6973123533e+1
412.49	56.974504766	5.6974504766e+1
412.5	56.975886	5.6975886e+1
412.51	56.977267234	5.6977267234e+1
412.52	56.978648467	5.6978648467e+1
412.53	56.980029701	5.6980029701e+1
412.54	56.981410934	5.6981410934e+1
412.55	56.982792168	5.6982792168e+1
412.56	56.984173402	5.6984173402e+1
412.57	56.985554635	5.6985554635e+1
412.58	56.986935869	5.6986935869e+1
412.59	56.988317102	5.6988317102e+1
412.6	56.989698336	5.6989698336e+1
412.61	56.99107957	5.699107957e+1
412.62	56.992460803	5.6992460803e+1
412.63	56.993842037	5.6993842037e+1
412.64	56.99522327	5.699522327e+1
412.65	56.996604504	5.6996604504e+1
412.66	56.997985738	5.6997985738e+1
412.67	56.999366971	5.6999366971e+1
412.68	57.000748205	5.7000748205e+1
412.69	57.002129438	5.7002129438e+1
412.7	57.003510672	5.7003510672e+1
412.71	57.004891906	5.7004891906e+1
412.72	57.006273139	5.7006273139e+1
412.73	57.007654373	5.7007654373e+1
412.74	57.009035606	5.7009035606e+1
412.75	57.01041684	5.701041684e+1
412.76	57.011798074	5.7011798074e+1
412.77	57.013179307	5.7013179307e+1
412.78	57.014560541	5.7014560541e+1
412.79	57.015941774	5.7015941774e+1
412.8	57.017323008	5.7017323008e+1
412.81	57.018704242	5.7018704242e+1
412.82	57.020085475	5.7020085475e+1

412.83	57.021466709	5.7021466709e+1
412.84	57.022847942	5.7022847942e+1
412.85	57.024229176	5.7024229176e+1
412.86	57.02561041	5.702561041e+1
412.87	57.026991643	5.7026991643e+1
412.88	57.028372877	5.7028372877e+1
412.89	57.02975411	5.702975411e+1
412.9	57.031135344	5.7031135344e+1
412.91	57.032516578	5.7032516578e+1
412.92	57.033897811	5.7033897811e+1
412.93	57.035279045	5.7035279045e+1
412.94	57.036660278	5.7036660278e+1
412.95	57.038041512	5.7038041512e+1
412.96	57.039422746	5.7039422746e+1
412.97	57.040803979	5.7040803979e+1
412.98	57.042185213	5.7042185213e+1
412.99	57.043566446	5.7043566446e+1
413	57.04494768	5.704494768e+1
413.01	57.046328914	5.7046328914e+1
413.02	57.047710147	5.7047710147e+1
413.03	57.049091381	5.7049091381e+1
413.04	57.050472614	5.7050472614e+1
413.05	57.051853848	5.7051853848e+1
413.06	57.053235082	5.7053235082e+1
413.07	57.054616315	5.7054616315e+1
413.08	57.055997549	5.7055997549e+1
413.09	57.057378782	5.7057378782e+1
413.1	57.058760016	5.7058760016e+1
413.11	57.06014125	5.706014125e+1
413.12	57.061522483	5.7061522483e+1
413.13	57.062903717	5.7062903717e+1
413.14	57.06428495	5.706428495e+1
413.15	57.065666184	5.7065666184e+1
413.16	57.067047418	5.7067047418e+1
413.17	57.068428651	5.7068428651e+1
413.18	57.069809885	5.7069809885e+1
413.19	57.071191118	5.7071191118e+1
413.2	57.072572352	5.7072572352e+1

413.21	57.073953586	5.7073953586e+1
413.22	57.075334819	5.7075334819e+1
413.23	57.076716053	5.7076716053e+1
413.24	57.078097286	5.7078097286e+1
413.25	57.07947852	5.707947852e+1
413.26	57.080859754	5.7080859754e+1
413.27	57.082240987	5.7082240987e+1
413.28	57.083622221	5.7083622221e+1
413.29	57.085003454	5.7085003454e+1
413.3	57.086384688	5.7086384688e+1
413.31	57.087765922	5.7087765922e+1
413.32	57.089147155	5.7089147155e+1
413.33	57.090528389	5.7090528389e+1
413.34	57.091909622	5.7091909622e+1
413.35	57.093290856	5.7093290856e+1
413.36	57.09467209	5.709467209e+1
413.37	57.096053323	5.7096053323e+1
413.38	57.097434557	5.7097434557e+1
413.39	57.09881579	5.709881579e+1
413.4	57.100197024	5.7100197024e+1
413.41	57.101578258	5.7101578258e+1
413.42	57.102959491	5.7102959491e+1
413.43	57.104340725	5.7104340725e+1
413.44	57.105721958	5.7105721958e+1
413.45	57.107103192	5.7107103192e+1
413.46	57.108484426	5.7108484426e+1
413.47	57.109865659	5.7109865659e+1
413.48	57.111246893	5.7111246893e+1
413.49	57.112628126	5.7112628126e+1
413.5	57.11400936	5.711400936e+1
413.51	57.115390594	5.7115390594e+1
413.52	57.116771827	5.7116771827e+1
413.53	57.118153061	5.7118153061e+1
413.54	57.119534294	5.7119534294e+1
413.55	57.120915528	5.7120915528e+1
413.56	57.122296762	5.7122296762e+1
413.57	57.123677995	5.7123677995e+1
413.58	57.125059229	5.7125059229e+1

413.59	57.126440462	5.7126440462e+1
413.6	57.127821696	5.7127821696e+1
413.61	57.12920293	5.712920293e+1
413.62	57.130584163	5.7130584163e+1
413.63	57.131965397	5.7131965397e+1
413.64	57.13334663	5.713334663e+1
413.65	57.134727864	5.7134727864e+1
413.66	57.136109098	5.7136109098e+1
413.67	57.137490331	5.7137490331e+1
413.68	57.138871565	5.7138871565e+1
413.69	57.140252798	5.7140252798e+1
413.7	57.141634032	5.7141634032e+1
413.71	57.143015266	5.7143015266e+1
413.72	57.144396499	5.7144396499e+1
413.73	57.145777733	5.7145777733e+1
413.74	57.147158966	5.7147158966e+1
413.75	57.1485402	5.71485402e+1
413.76	57.149921434	5.7149921434e+1
413.77	57.151302667	5.7151302667e+1
413.78	57.152683901	5.7152683901e+1
413.79	57.154065134	5.7154065134e+1
413.8	57.155446368	5.7155446368e+1
413.81	57.156827602	5.7156827602e+1
413.82	57.158208835	5.7158208835e+1
413.83	57.159590069	5.7159590069e+1
413.84	57.160971302	5.7160971302e+1
413.85	57.162352536	5.7162352536e+1
413.86	57.16373377	5.716373377e+1
413.87	57.165115003	5.7165115003e+1
413.88	57.166496237	5.7166496237e+1
413.89	57.16787747	5.716787747e+1
413.9	57.169258704	5.7169258704e+1
413.91	57.170639938	5.7170639938e+1
413.92	57.172021171	5.7172021171e+1
413.93	57.173402405	5.7173402405e+1
413.94	57.174783638	5.7174783638e+1
413.95	57.176164872	5.7176164872e+1
413.96	57.177546106	5.7177546106e+1

413.97	57.178927339	5.7178927339e+1
413.98	57.180308573	5.7180308573e+1
413.99	57.181689806	5.7181689806e+1
414	57.18307104	5.718307104e+1
414.01	57.184452274	5.7184452274e+1
414.02	57.185833507	5.7185833507e+1
414.03	57.187214741	5.7187214741e+1
414.04	57.188595974	5.7188595974e+1
414.05	57.189977208	5.7189977208e+1
414.06	57.191358442	5.7191358442e+1
414.07	57.192739675	5.7192739675e+1
414.08	57.194120909	5.7194120909e+1
414.09	57.195502142	5.7195502142e+1
414.1	57.196883376	5.7196883376e+1
414.11	57.19826461	5.719826461e+1
414.12	57.199645843	5.7199645843e+1
414.13	57.201027077	5.7201027077e+1
414.14	57.20240831	5.720240831e+1
414.15	57.203789544	5.7203789544e+1
414.16	57.205170778	5.7205170778e+1
414.17	57.206552011	5.7206552011e+1
414.18	57.207933245	5.7207933245e+1
414.19	57.209314478	5.7209314478e+1
414.2	57.210695712	5.7210695712e+1
414.21	57.212076946	5.7212076946e+1
414.22	57.213458179	5.7213458179e+1
414.23	57.214839413	5.7214839413e+1
414.24	57.216220646	5.7216220646e+1
414.25	57.21760188	5.721760188e+1
414.26	57.218983114	5.7218983114e+1
414.27	57.220364347	5.7220364347e+1
414.28	57.221745581	5.7221745581e+1
414.29	57.223126814	5.7223126814e+1
414.3	57.224508048	5.7224508048e+1
414.31	57.225889282	5.7225889282e+1
414.32	57.227270515	5.7227270515e+1
414.33	57.228651749	5.7228651749e+1
414.34	57.230032982	5.7230032982e+1

414.35	57.231414216	5.7231414216e+1
414.36	57.23279545	5.723279545e+1
414.37	57.234176683	5.7234176683e+1
414.38	57.235557917	5.7235557917e+1
414.39	57.23693915	5.723693915e+1
414.4	57.238320384	5.7238320384e+1
414.41	57.239701618	5.7239701618e+1
414.42	57.241082851	5.7241082851e+1
414.43	57.242464085	5.7242464085e+1
414.44	57.243845318	5.7243845318e+1
414.45	57.245226552	5.7245226552e+1
414.46	57.246607786	5.7246607786e+1
414.47	57.247989019	5.7247989019e+1
414.48	57.249370253	5.7249370253e+1
414.49	57.250751486	5.7250751486e+1
414.5	57.25213272	5.725213272e+1
414.51	57.253513954	5.7253513954e+1
414.52	57.254895187	5.7254895187e+1
414.53	57.256276421	5.7256276421e+1
414.54	57.257657654	5.7257657654e+1
414.55	57.259038888	5.7259038888e+1
414.56	57.260420122	5.7260420122e+1
414.57	57.261801355	5.7261801355e+1
414.58	57.263182589	5.7263182589e+1
414.59	57.264563822	5.7264563822e+1
414.6	57.265945056	5.7265945056e+1
414.61	57.26732629	5.726732629e+1
414.62	57.268707523	5.7268707523e+1
414.63	57.270088757	5.7270088757e+1
414.64	57.27146999	5.727146999e+1
414.65	57.272851224	5.7272851224e+1
414.66	57.274232458	5.7274232458e+1
414.67	57.275613691	5.7275613691e+1
414.68	57.276994925	5.7276994925e+1
414.69	57.278376158	5.7278376158e+1
414.7	57.279757392	5.7279757392e+1
414.71	57.281138626	5.7281138626e+1
414.72	57.282519859	5.7282519859e+1

414.73	57.283901093	5.7283901093e+1
414.74	57.285282326	5.7285282326e+1
414.75	57.28666356	5.728666356e+1
414.76	57.288044794	5.7288044794e+1
414.77	57.289426027	5.7289426027e+1
414.78	57.290807261	5.7290807261e+1
414.79	57.292188494	5.7292188494e+1
414.8	57.293569728	5.7293569728e+1
414.81	57.294950962	5.7294950962e+1
414.82	57.296332195	5.7296332195e+1
414.83	57.297713429	5.7297713429e+1
414.84	57.299094662	5.7299094662e+1
414.85	57.300475896	5.7300475896e+1
414.86	57.30185713	5.730185713e+1
414.87	57.303238363	5.7303238363e+1
414.88	57.304619597	5.7304619597e+1
414.89	57.30600083	5.730600083e+1
414.9	57.307382064	5.7307382064e+1
414.91	57.308763298	5.7308763298e+1
414.92	57.310144531	5.7310144531e+1
414.93	57.311525765	5.7311525765e+1
414.94	57.312906998	5.7312906998e+1
414.95	57.314288232	5.7314288232e+1
414.96	57.315669466	5.7315669466e+1
414.97	57.317050699	5.7317050699e+1
414.98	57.318431933	5.7318431933e+1
414.99	57.319813166	5.7319813166e+1
415	57.3211944	5.73211944e+1
415.01	57.322575634	5.7322575634e+1
415.02	57.323956867	5.7323956867e+1
415.03	57.325338101	5.7325338101e+1
415.04	57.326719334	5.7326719334e+1
415.05	57.328100568	5.7328100568e+1
415.06	57.329481802	5.7329481802e+1
415.07	57.330863035	5.7330863035e+1
415.08	57.332244269	5.7332244269e+1
415.09	57.333625502	5.7333625502e+1
415.1	57.335006736	5.7335006736e+1

415.11	57.33638797	5.733638797e+1
415.12	57.337769203	5.7337769203e+1
415.13	57.339150437	5.7339150437e+1
415.14	57.34053167	5.734053167e+1
415.15	57.341912904	5.7341912904e+1
415.16	57.343294138	5.7343294138e+1
415.17	57.344675371	5.7344675371e+1
415.18	57.346056605	5.7346056605e+1
415.19	57.347437838	5.7347437838e+1
415.2	57.348819072	5.7348819072e+1
415.21	57.350200306	5.7350200306e+1
415.22	57.351581539	5.7351581539e+1
415.23	57.352962773	5.7352962773e+1
415.24	57.354344006	5.7354344006e+1
415.25	57.35572524	5.735572524e+1
415.26	57.357106474	5.7357106474e+1
415.27	57.358487707	5.7358487707e+1
415.28	57.359868941	5.7359868941e+1
415.29	57.361250174	5.7361250174e+1
415.3	57.362631408	5.7362631408e+1
415.31	57.364012642	5.7364012642e+1
415.32	57.365393875	5.7365393875e+1
415.33	57.366775109	5.7366775109e+1
415.34	57.368156342	5.7368156342e+1
415.35	57.369537576	5.7369537576e+1
415.36	57.37091881	5.737091881e+1
415.37	57.372300043	5.7372300043e+1
415.38	57.373681277	5.7373681277e+1
415.39	57.37506251	5.737506251e+1
415.4	57.376443744	5.7376443744e+1
415.41	57.377824978	5.7377824978e+1
415.42	57.379206211	5.7379206211e+1
415.43	57.380587445	5.7380587445e+1
415.44	57.381968678	5.7381968678e+1
415.45	57.383349912	5.7383349912e+1
415.46	57.384731146	5.7384731146e+1
415.47	57.386112379	5.7386112379e+1
415.48	57.387493613	5.7387493613e+1

415.49	57.388874846	5.7388874846e+1
415.5	57.39025608	5.739025608e+1
415.51	57.391637314	5.7391637314e+1
415.52	57.393018547	5.7393018547e+1
415.53	57.394399781	5.7394399781e+1
415.54	57.395781014	5.7395781014e+1
415.55	57.397162248	5.7397162248e+1
415.56	57.398543482	5.7398543482e+1
415.57	57.399924715	5.7399924715e+1
415.58	57.401305949	5.7401305949e+1
415.59	57.402687182	5.7402687182e+1
415.6	57.404068416	5.7404068416e+1
415.61	57.40544965	5.740544965e+1
415.62	57.406830883	5.7406830883e+1
415.63	57.408212117	5.7408212117e+1
415.64	57.40959335	5.740959335e+1
415.65	57.410974584	5.7410974584e+1
415.66	57.412355818	5.7412355818e+1
415.67	57.413737051	5.7413737051e+1
415.68	57.415118285	5.7415118285e+1
415.69	57.416499518	5.7416499518e+1
415.7	57.417880752	5.7417880752e+1
415.71	57.419261986	5.7419261986e+1
415.72	57.420643219	5.7420643219e+1
415.73	57.422024453	5.7422024453e+1
415.74	57.423405686	5.7423405686e+1
415.75	57.42478692	5.742478692e+1
415.76	57.426168154	5.7426168154e+1
415.77	57.427549387	5.7427549387e+1
415.78	57.428930621	5.7428930621e+1
415.79	57.430311854	5.7430311854e+1
415.8	57.431693088	5.7431693088e+1
415.81	57.433074322	5.7433074322e+1
415.82	57.434455555	5.7434455555e+1
415.83	57.435836789	5.7435836789e+1
415.84	57.437218022	5.7437218022e+1
415.85	57.438599256	5.7438599256e+1
415.86	57.43998049	5.743998049e+1

415.87	57.441361723	5.7441361723e+1
415.88	57.442742957	5.7442742957e+1
415.89	57.44412419	5.744412419e+1
415.9	57.445505424	5.7445505424e+1
415.91	57.446886658	5.7446886658e+1
415.92	57.448267891	5.7448267891e+1
415.93	57.449649125	5.7449649125e+1
415.94	57.451030358	5.7451030358e+1
415.95	57.452411592	5.7452411592e+1
415.96	57.453792826	5.7453792826e+1
415.97	57.455174059	5.7455174059e+1
415.98	57.456555293	5.7456555293e+1
415.99	57.457936526	5.7457936526e+1
416	57.45931776	5.745931776e+1
416.01	57.460698994	5.7460698994e+1
416.02	57.462080227	5.7462080227e+1
416.03	57.463461461	5.7463461461e+1
416.04	57.464842694	5.7464842694e+1
416.05	57.466223928	5.7466223928e+1
416.06	57.467605162	5.7467605162e+1
416.07	57.468986395	5.7468986395e+1
416.08	57.470367629	5.7470367629e+1
416.09	57.471748862	5.7471748862e+1
416.1	57.473130096	5.7473130096e+1
416.11	57.47451133	5.747451133e+1
416.12	57.475892563	5.7475892563e+1
416.13	57.477273797	5.7477273797e+1
416.14	57.47865503	5.747865503e+1
416.15	57.480036264	5.7480036264e+1
416.16	57.481417498	5.7481417498e+1
416.17	57.482798731	5.7482798731e+1
416.18	57.484179965	5.7484179965e+1
416.19	57.485561198	5.7485561198e+1
416.2	57.486942432	5.7486942432e+1
416.21	57.488323666	5.7488323666e+1
416.22	57.489704899	5.7489704899e+1
416.23	57.491086133	5.7491086133e+1
416.24	57.492467366	5.7492467366e+1

416.25	57.4938486	5.74938486e+1
416.26	57.495229834	5.7495229834e+1
416.27	57.496611067	5.7496611067e+1
416.28	57.497992301	5.7497992301e+1
416.29	57.499373534	5.7499373534e+1
416.3	57.500754768	5.7500754768e+1
416.31	57.502136002	5.7502136002e+1
416.32	57.503517235	5.7503517235e+1
416.33	57.504898469	5.7504898469e+1
416.34	57.506279702	5.7506279702e+1
416.35	57.507660936	5.7507660936e+1
416.36	57.50904217	5.750904217e+1
416.37	57.510423403	5.7510423403e+1
416.38	57.511804637	5.7511804637e+1
416.39	57.51318587	5.751318587e+1
416.4	57.514567104	5.7514567104e+1
416.41	57.515948338	5.7515948338e+1
416.42	57.517329571	5.7517329571e+1
416.43	57.518710805	5.7518710805e+1
416.44	57.520092038	5.7520092038e+1
416.45	57.521473272	5.7521473272e+1
416.46	57.522854506	5.7522854506e+1
416.47	57.524235739	5.7524235739e+1
416.48	57.525616973	5.7525616973e+1
416.49	57.526998206	5.7526998206e+1
416.5	57.52837944	5.752837944e+1
416.51	57.529760674	5.7529760674e+1
416.52	57.531141907	5.7531141907e+1
416.53	57.532523141	5.7532523141e+1
416.54	57.533904374	5.7533904374e+1
416.55	57.535285608	5.7535285608e+1
416.56	57.536666842	5.7536666842e+1
416.57	57.538048075	5.7538048075e+1
416.58	57.539429309	5.7539429309e+1
416.59	57.540810542	5.7540810542e+1
416.6	57.542191776	5.7542191776e+1
416.61	57.54357301	5.754357301e+1
416.62	57.544954243	5.7544954243e+1

416.63	57.546335477	5.7546335477e+1
416.64	57.54771671	5.754771671e+1
416.65	57.549097944	5.7549097944e+1
416.66	57.550479178	5.7550479178e+1
416.67	57.551860411	5.7551860411e+1
416.68	57.553241645	5.7553241645e+1
416.69	57.554622878	5.7554622878e+1
416.7	57.556004112	5.7556004112e+1
416.71	57.557385346	5.7557385346e+1
416.72	57.558766579	5.7558766579e+1
416.73	57.560147813	5.7560147813e+1
416.74	57.561529046	5.7561529046e+1
416.75	57.56291028	5.756291028e+1
416.76	57.564291514	5.7564291514e+1
416.77	57.565672747	5.7565672747e+1
416.78	57.567053981	5.7567053981e+1
416.79	57.568435214	5.7568435214e+1
416.8	57.569816448	5.7569816448e+1
416.81	57.571197682	5.7571197682e+1
416.82	57.572578915	5.7572578915e+1
416.83	57.573960149	5.7573960149e+1
416.84	57.575341382	5.7575341382e+1
416.85	57.576722616	5.7576722616e+1
416.86	57.57810385	5.757810385e+1
416.87	57.579485083	5.7579485083e+1
416.88	57.580866317	5.7580866317e+1
416.89	57.58224755	5.758224755e+1
416.9	57.583628784	5.7583628784e+1
416.91	57.585010018	5.7585010018e+1
416.92	57.586391251	5.7586391251e+1
416.93	57.587772485	5.7587772485e+1
416.94	57.589153718	5.7589153718e+1
416.95	57.590534952	5.7590534952e+1
416.96	57.591916186	5.7591916186e+1
416.97	57.593297419	5.7593297419e+1
416.98	57.594678653	5.7594678653e+1
416.99	57.596059886	5.7596059886e+1
417	57.59744112	5.759744112e+1

417.01	57.598822354	5.7598822354e+1
417.02	57.600203587	5.7600203587e+1
417.03	57.601584821	5.7601584821e+1
417.04	57.602966054	5.7602966054e+1
417.05	57.604347288	5.7604347288e+1
417.06	57.605728522	5.7605728522e+1
417.07	57.607109755	5.7607109755e+1
417.08	57.608490989	5.7608490989e+1
417.09	57.609872222	5.7609872222e+1
417.1	57.611253456	5.7611253456e+1
417.11	57.61263469	5.761263469e+1
417.12	57.614015923	5.7614015923e+1
417.13	57.615397157	5.7615397157e+1
417.14	57.61677839	5.761677839e+1
417.15	57.618159624	5.7618159624e+1
417.16	57.619540858	5.7619540858e+1
417.17	57.620922091	5.7620922091e+1
417.18	57.622303325	5.7622303325e+1
417.19	57.623684558	5.7623684558e+1
417.2	57.625065792	5.7625065792e+1
417.21	57.626447026	5.7626447026e+1
417.22	57.627828259	5.7627828259e+1
417.23	57.629209493	5.7629209493e+1
417.24	57.630590726	5.7630590726e+1
417.25	57.63197196	5.763197196e+1
417.26	57.633353194	5.7633353194e+1
417.27	57.634734427	5.7634734427e+1
417.28	57.636115661	5.7636115661e+1
417.29	57.637496894	5.7637496894e+1
417.3	57.638878128	5.7638878128e+1
417.31	57.640259362	5.7640259362e+1
417.32	57.641640595	5.7641640595e+1
417.33	57.643021829	5.7643021829e+1
417.34	57.644403062	5.7644403062e+1
417.35	57.645784296	5.7645784296e+1
417.36	57.64716553	5.764716553e+1
417.37	57.648546763	5.7648546763e+1
417.38	57.649927997	5.7649927997e+1

417.39	57.65130923	5.765130923e+1
417.4	57.652690464	5.7652690464e+1
417.41	57.654071698	5.7654071698e+1
417.42	57.655452931	5.7655452931e+1
417.43	57.656834165	5.7656834165e+1
417.44	57.658215398	5.7658215398e+1
417.45	57.659596632	5.7659596632e+1
417.46	57.660977866	5.7660977866e+1
417.47	57.662359099	5.7662359099e+1
417.48	57.663740333	5.7663740333e+1
417.49	57.665121566	5.7665121566e+1
417.5	57.6665028	5.76665028e+1
417.51	57.667884034	5.7667884034e+1
417.52	57.669265267	5.7669265267e+1
417.53	57.670646501	5.7670646501e+1
417.54	57.672027734	5.7672027734e+1
417.55	57.673408968	5.7673408968e+1
417.56	57.674790202	5.7674790202e+1
417.57	57.676171435	5.7676171435e+1
417.58	57.677552669	5.7677552669e+1
417.59	57.678933902	5.7678933902e+1
417.6	57.680315136	5.7680315136e+1
417.61	57.68169637	5.768169637e+1
417.62	57.683077603	5.7683077603e+1
417.63	57.684458837	5.7684458837e+1
417.64	57.68584007	5.768584007e+1
417.65	57.687221304	5.7687221304e+1
417.66	57.688602538	5.7688602538e+1
417.67	57.689983771	5.7689983771e+1
417.68	57.691365005	5.7691365005e+1
417.69	57.692746238	5.7692746238e+1
417.7	57.694127472	5.7694127472e+1
417.71	57.695508706	5.7695508706e+1
417.72	57.696889939	5.7696889939e+1
417.73	57.698271173	5.7698271173e+1
417.74	57.699652406	5.7699652406e+1
417.75	57.70103364	5.770103364e+1
417.76	57.702414874	5.7702414874e+1

417.77	57.703796107	5.7703796107e+1
417.78	57.705177341	5.7705177341e+1
417.79	57.706558574	5.7706558574e+1
417.8	57.707939808	5.7707939808e+1
417.81	57.709321042	5.7709321042e+1
417.82	57.710702275	5.7710702275e+1
417.83	57.712083509	5.7712083509e+1
417.84	57.713464742	5.7713464742e+1
417.85	57.714845976	5.7714845976e+1
417.86	57.71622721	5.771622721e+1
417.87	57.717608443	5.7717608443e+1
417.88	57.718989677	5.7718989677e+1
417.89	57.72037091	5.772037091e+1
417.9	57.721752144	5.7721752144e+1
417.91	57.723133378	5.7723133378e+1
417.92	57.724514611	5.7724514611e+1
417.93	57.725895845	5.7725895845e+1
417.94	57.727277078	5.7727277078e+1
417.95	57.728658312	5.7728658312e+1
417.96	57.730039546	5.7730039546e+1
417.97	57.731420779	5.7731420779e+1
417.98	57.732802013	5.7732802013e+1
417.99	57.734183246	5.7734183246e+1
418	57.73556448	5.773556448e+1
418.01	57.736945714	5.7736945714e+1
418.02	57.738326947	5.7738326947e+1
418.03	57.739708181	5.7739708181e+1
418.04	57.741089414	5.7741089414e+1
418.05	57.742470648	5.7742470648e+1
418.06	57.743851882	5.7743851882e+1
418.07	57.745233115	5.7745233115e+1
418.08	57.746614349	5.7746614349e+1
418.09	57.747995582	5.7747995582e+1
418.1	57.749376816	5.7749376816e+1
418.11	57.75075805	5.775075805e+1
418.12	57.752139283	5.7752139283e+1
418.13	57.753520517	5.7753520517e+1
418.14	57.75490175	5.775490175e+1

418.15	57.756282984	5.7756282984e+1
418.16	57.757664218	5.7757664218e+1
418.17	57.759045451	5.7759045451e+1
418.18	57.760426685	5.7760426685e+1
418.19	57.761807918	5.7761807918e+1
418.2	57.763189152	5.7763189152e+1
418.21	57.764570386	5.7764570386e+1
418.22	57.765951619	5.7765951619e+1
418.23	57.767332853	5.7767332853e+1
418.24	57.768714086	5.7768714086e+1
418.25	57.77009532	5.777009532e+1
418.26	57.771476554	5.7771476554e+1
418.27	57.772857787	5.7772857787e+1
418.28	57.774239021	5.7774239021e+1
418.29	57.775620254	5.7775620254e+1
418.3	57.777001488	5.7777001488e+1
418.31	57.778382722	5.7778382722e+1
418.32	57.779763955	5.7779763955e+1
418.33	57.781145189	5.7781145189e+1
418.34	57.782526422	5.7782526422e+1
418.35	57.783907656	5.7783907656e+1
418.36	57.78528889	5.778528889e+1
418.37	57.786670123	5.7786670123e+1
418.38	57.788051357	5.7788051357e+1
418.39	57.78943259	5.778943259e+1
418.4	57.790813824	5.7790813824e+1
418.41	57.792195058	5.7792195058e+1
418.42	57.793576291	5.7793576291e+1
418.43	57.794957525	5.7794957525e+1
418.44	57.796338758	5.7796338758e+1
418.45	57.797719992	5.7797719992e+1
418.46	57.799101226	5.7799101226e+1
418.47	57.800482459	5.7800482459e+1
418.48	57.801863693	5.7801863693e+1
418.49	57.803244926	5.7803244926e+1
418.5	57.80462616	5.780462616e+1
418.51	57.806007394	5.7806007394e+1
418.52	57.807388627	5.7807388627e+1

418.53	57.808769861	5.7808769861e+1
418.54	57.810151094	5.7810151094e+1
418.55	57.811532328	5.7811532328e+1
418.56	57.812913562	5.7812913562e+1
418.57	57.814294795	5.7814294795e+1
418.58	57.815676029	5.7815676029e+1
418.59	57.817057262	5.7817057262e+1
418.6	57.818438496	5.7818438496e+1
418.61	57.81981973	5.781981973e+1
418.62	57.821200963	5.7821200963e+1
418.63	57.822582197	5.7822582197e+1
418.64	57.82396343	5.782396343e+1
418.65	57.825344664	5.7825344664e+1
418.66	57.826725898	5.7826725898e+1
418.67	57.828107131	5.7828107131e+1
418.68	57.829488365	5.7829488365e+1
418.69	57.830869598	5.7830869598e+1
418.7	57.832250832	5.7832250832e+1
418.71	57.833632066	5.7833632066e+1
418.72	57.835013299	5.7835013299e+1
418.73	57.836394533	5.7836394533e+1
418.74	57.837775766	5.7837775766e+1
418.75	57.839157	5.7839157e+1
418.76	57.840538234	5.7840538234e+1
418.77	57.841919467	5.7841919467e+1
418.78	57.843300701	5.7843300701e+1
418.79	57.844681934	5.7844681934e+1
418.8	57.846063168	5.7846063168e+1
418.81	57.847444402	5.7847444402e+1
418.82	57.848825635	5.7848825635e+1
418.83	57.850206869	5.7850206869e+1
418.84	57.851588102	5.7851588102e+1
418.85	57.852969336	5.7852969336e+1
418.86	57.85435057	5.785435057e+1
418.87	57.855731803	5.7855731803e+1
418.88	57.857113037	5.7857113037e+1
418.89	57.85849427	5.785849427e+1
418.9	57.859875504	5.7859875504e+1

418.91	57.861256738	5.7861256738e+1
418.92	57.862637971	5.7862637971e+1
418.93	57.864019205	5.7864019205e+1
418.94	57.865400438	5.7865400438e+1
418.95	57.866781672	5.7866781672e+1
418.96	57.868162906	5.7868162906e+1
418.97	57.869544139	5.7869544139e+1
418.98	57.870925373	5.7870925373e+1
418.99	57.872306606	5.7872306606e+1
419	57.87368784	5.787368784e+1
419.01	57.875069074	5.7875069074e+1
419.02	57.876450307	5.7876450307e+1
419.03	57.877831541	5.7877831541e+1
419.04	57.879212774	5.7879212774e+1
419.05	57.880594008	5.7880594008e+1
419.06	57.881975242	5.7881975242e+1
419.07	57.883356475	5.7883356475e+1
419.08	57.884737709	5.7884737709e+1
419.09	57.886118942	5.7886118942e+1
419.1	57.887500176	5.7887500176e+1
419.11	57.88888141	5.788888141e+1
419.12	57.890262643	5.7890262643e+1
419.13	57.891643877	5.7891643877e+1
419.14	57.89302511	5.789302511e+1
419.15	57.894406344	5.7894406344e+1
419.16	57.895787578	5.7895787578e+1
419.17	57.897168811	5.7897168811e+1
419.18	57.898550045	5.7898550045e+1
419.19	57.899931278	5.7899931278e+1
419.2	57.901312512	5.7901312512e+1
419.21	57.902693746	5.7902693746e+1
419.22	57.904074979	5.7904074979e+1
419.23	57.905456213	5.7905456213e+1
419.24	57.906837446	5.7906837446e+1
419.25	57.90821868	5.790821868e+1
419.26	57.909599914	5.7909599914e+1
419.27	57.910981147	5.7910981147e+1
419.28	57.912362381	5.7912362381e+1

419.29	57.913743614	5.7913743614e+1
419.3	57.915124848	5.7915124848e+1
419.31	57.916506082	5.7916506082e+1
419.32	57.917887315	5.7917887315e+1
419.33	57.919268549	5.7919268549e+1
419.34	57.920649782	5.7920649782e+1
419.35	57.922031016	5.7922031016e+1
419.36	57.92341225	5.792341225e+1
419.37	57.924793483	5.7924793483e+1
419.38	57.926174717	5.7926174717e+1
419.39	57.92755595	5.7927555595e+1
419.4	57.928937184	5.7928937184e+1
419.41	57.930318418	5.7930318418e+1
419.42	57.931699651	5.7931699651e+1
419.43	57.933080885	5.7933080885e+1
419.44	57.934462118	5.7934462118e+1
419.45	57.935843352	5.7935843352e+1
419.46	57.937224586	5.7937224586e+1
419.47	57.938605819	5.7938605819e+1
419.48	57.939987053	5.7939987053e+1
419.49	57.941368286	5.7941368286e+1
419.5	57.94274952	5.794274952e+1
419.51	57.944130754	5.7944130754e+1
419.52	57.945511987	5.7945511987e+1
419.53	57.946893221	5.7946893221e+1
419.54	57.948274454	5.7948274454e+1
419.55	57.949655688	5.7949655688e+1
419.56	57.951036922	5.7951036922e+1
419.57	57.952418155	5.7952418155e+1
419.58	57.953799389	5.7953799389e+1
419.59	57.955180622	5.7955180622e+1
419.6	57.956561856	5.7956561856e+1
419.61	57.95794309	5.795794309e+1
419.62	57.959324323	5.7959324323e+1
419.63	57.960705557	5.7960705557e+1
419.64	57.96208679	5.796208679e+1
419.65	57.963468024	5.7963468024e+1
419.66	57.964849258	5.7964849258e+1

419.67	57.966230491	5.7966230491e+1
419.68	57.967611725	5.7967611725e+1
419.69	57.968992958	5.7968992958e+1
419.7	57.970374192	5.7970374192e+1
419.71	57.971755426	5.7971755426e+1
419.72	57.973136659	5.7973136659e+1
419.73	57.974517893	5.7974517893e+1
419.74	57.975899126	5.7975899126e+1
419.75	57.97728036	5.797728036e+1
419.76	57.978661594	5.7978661594e+1
419.77	57.980042827	5.7980042827e+1
419.78	57.981424061	5.7981424061e+1
419.79	57.982805294	5.7982805294e+1
419.8	57.984186528	5.7984186528e+1
419.81	57.985567762	5.7985567762e+1
419.82	57.986948995	5.7986948995e+1
419.83	57.988330229	5.7988330229e+1
419.84	57.989711462	5.7989711462e+1
419.85	57.991092696	5.7991092696e+1
419.86	57.99247393	5.799247393e+1
419.87	57.993855163	5.7993855163e+1
419.88	57.995236397	5.7995236397e+1
419.89	57.99661763	5.799661763e+1
419.9	57.997998864	5.7997998864e+1
419.91	57.999380098	5.7999380098e+1
419.92	58.000761331	5.8000761331e+1
419.93	58.002142565	5.8002142565e+1
419.94	58.003523798	5.8003523798e+1
419.95	58.004905032	5.8004905032e+1
419.96	58.006286266	5.8006286266e+1
419.97	58.007667499	5.8007667499e+1
419.98	58.009048733	5.8009048733e+1
419.99	58.010429966	5.8010429966e+1
420	58.0118112	5.80118112e+1
420.01	58.013192434	5.8013192434e+1
420.02	58.014573667	5.8014573667e+1
420.03	58.015954901	5.8015954901e+1
420.04	58.017336134	5.8017336134e+1

420.05	58.018717368	5.8018717368e+1
420.06	58.020098602	5.8020098602e+1
420.07	58.021479835	5.8021479835e+1
420.08	58.022861069	5.8022861069e+1
420.09	58.024242302	5.8024242302e+1
420.1	58.025623536	5.8025623536e+1
420.11	58.02700477	5.802700477e+1
420.12	58.028386003	5.8028386003e+1
420.13	58.029767237	5.8029767237e+1
420.14	58.03114847	5.803114847e+1
420.15	58.032529704	5.8032529704e+1
420.16	58.033910938	5.8033910938e+1
420.17	58.035292171	5.8035292171e+1
420.18	58.036673405	5.8036673405e+1
420.19	58.038054638	5.8038054638e+1
420.2	58.039435872	5.8039435872e+1
420.21	58.040817106	5.8040817106e+1
420.22	58.042198339	5.8042198339e+1
420.23	58.043579573	5.8043579573e+1
420.24	58.044960806	5.8044960806e+1
420.25	58.04634204	5.804634204e+1
420.26	58.047723274	5.8047723274e+1
420.27	58.049104507	5.8049104507e+1
420.28	58.050485741	5.8050485741e+1
420.29	58.051866974	5.8051866974e+1
420.3	58.053248208	5.8053248208e+1
420.31	58.054629442	5.8054629442e+1
420.32	58.056010675	5.8056010675e+1
420.33	58.057391909	5.8057391909e+1
420.34	58.058773142	5.8058773142e+1
420.35	58.060154376	5.8060154376e+1
420.36	58.06153561	5.806153561e+1
420.37	58.062916843	5.8062916843e+1
420.38	58.064298077	5.8064298077e+1
420.39	58.06567931	5.806567931e+1
420.4	58.067060544	5.8067060544e+1
420.41	58.068441778	5.8068441778e+1
420.42	58.069823011	5.8069823011e+1

420.43	58.071204245	5.8071204245e+1
420.44	58.072585478	5.8072585478e+1
420.45	58.073966712	5.8073966712e+1
420.46	58.075347946	5.8075347946e+1
420.47	58.076729179	5.8076729179e+1
420.48	58.078110413	5.8078110413e+1
420.49	58.079491646	5.8079491646e+1
420.5	58.08087288	5.808087288e+1
420.51	58.082254114	5.8082254114e+1
420.52	58.083635347	5.8083635347e+1
420.53	58.085016581	5.8085016581e+1
420.54	58.086397814	5.8086397814e+1
420.55	58.087779048	5.8087779048e+1
420.56	58.089160282	5.8089160282e+1
420.57	58.090541515	5.8090541515e+1
420.58	58.091922749	5.8091922749e+1
420.59	58.093303982	5.8093303982e+1
420.6	58.094685216	5.8094685216e+1
420.61	58.09606645	5.809606645e+1
420.62	58.097447683	5.8097447683e+1
420.63	58.098828917	5.8098828917e+1
420.64	58.10021015	5.810021015e+1
420.65	58.101591384	5.8101591384e+1
420.66	58.102972618	5.8102972618e+1
420.67	58.104353851	5.8104353851e+1
420.68	58.105735085	5.8105735085e+1
420.69	58.107116318	5.8107116318e+1
420.7	58.108497552	5.8108497552e+1
420.71	58.109878786	5.8109878786e+1
420.72	58.111260019	5.8111260019e+1
420.73	58.112641253	5.8112641253e+1
420.74	58.114022486	5.8114022486e+1
420.75	58.11540372	5.811540372e+1
420.76	58.116784954	5.8116784954e+1
420.77	58.118166187	5.8118166187e+1
420.78	58.119547421	5.8119547421e+1
420.79	58.120928654	5.8120928654e+1
420.8	58.122309888	5.8122309888e+1

420.81	58.123691122	5.8123691122e+1
420.82	58.125072355	5.8125072355e+1
420.83	58.126453589	5.8126453589e+1
420.84	58.127834822	5.8127834822e+1
420.85	58.129216056	5.8129216056e+1
420.86	58.13059729	5.813059729e+1
420.87	58.131978523	5.8131978523e+1
420.88	58.133359757	5.8133359757e+1
420.89	58.13474099	5.813474099e+1
420.9	58.136122224	5.8136122224e+1
420.91	58.137503458	5.8137503458e+1
420.92	58.138884691	5.8138884691e+1
420.93	58.140265925	5.8140265925e+1
420.94	58.141647158	5.8141647158e+1
420.95	58.143028392	5.8143028392e+1
420.96	58.144409626	5.8144409626e+1
420.97	58.145790859	5.8145790859e+1
420.98	58.147172093	5.8147172093e+1
420.99	58.148553326	5.8148553326e+1
421	58.14993456	5.814993456e+1
421.01	58.151315794	5.8151315794e+1
421.02	58.152697027	5.8152697027e+1
421.03	58.154078261	5.8154078261e+1
421.04	58.155459494	5.8155459494e+1
421.05	58.156840728	5.8156840728e+1
421.06	58.158221962	5.8158221962e+1
421.07	58.159603195	5.8159603195e+1
421.08	58.160984429	5.8160984429e+1
421.09	58.162365662	5.8162365662e+1
421.1	58.163746896	5.8163746896e+1
421.11	58.16512813	5.816512813e+1
421.12	58.166509363	5.8166509363e+1
421.13	58.167890597	5.8167890597e+1
421.14	58.16927183	5.816927183e+1
421.15	58.170653064	5.8170653064e+1
421.16	58.172034298	5.8172034298e+1
421.17	58.173415531	5.8173415531e+1
421.18	58.174796765	5.8174796765e+1

421.19	58.176177998	5.8176177998e+1
421.2	58.177559232	5.8177559232e+1
421.21	58.178940466	5.8178940466e+1
421.22	58.180321699	5.8180321699e+1
421.23	58.181702933	5.8181702933e+1
421.24	58.183084166	5.8183084166e+1
421.25	58.1844654	5.81844654e+1
421.26	58.185846634	5.8185846634e+1
421.27	58.187227867	5.8187227867e+1
421.28	58.188609101	5.8188609101e+1
421.29	58.189990334	5.8189990334e+1
421.3	58.191371568	5.8191371568e+1
421.31	58.192752802	5.8192752802e+1
421.32	58.194134035	5.8194134035e+1
421.33	58.195515269	5.8195515269e+1
421.34	58.196896502	5.8196896502e+1
421.35	58.198277736	5.8198277736e+1
421.36	58.19965897	5.819965897e+1
421.37	58.201040203	5.8201040203e+1
421.38	58.202421437	5.8202421437e+1
421.39	58.20380267	5.820380267e+1
421.4	58.205183904	5.8205183904e+1
421.41	58.206565138	5.8206565138e+1
421.42	58.207946371	5.8207946371e+1
421.43	58.209327605	5.8209327605e+1
421.44	58.210708838	5.8210708838e+1
421.45	58.212090072	5.8212090072e+1
421.46	58.213471306	5.8213471306e+1
421.47	58.214852539	5.8214852539e+1
421.48	58.216233773	5.8216233773e+1
421.49	58.217615006	5.8217615006e+1
421.5	58.21899624	5.821899624e+1
421.51	58.220377474	5.8220377474e+1
421.52	58.221758707	5.8221758707e+1
421.53	58.223139941	5.8223139941e+1
421.54	58.224521174	5.8224521174e+1
421.55	58.225902408	5.8225902408e+1
421.56	58.227283642	5.8227283642e+1

421.57	58.228664875	5.8228664875e+1
421.58	58.230046109	5.8230046109e+1
421.59	58.231427342	5.8231427342e+1
421.6	58.232808576	5.8232808576e+1
421.61	58.23418981	5.823418981e+1
421.62	58.235571043	5.8235571043e+1
421.63	58.236952277	5.8236952277e+1
421.64	58.23833351	5.823833351e+1
421.65	58.239714744	5.8239714744e+1
421.66	58.241095978	5.8241095978e+1
421.67	58.242477211	5.8242477211e+1
421.68	58.243858445	5.8243858445e+1
421.69	58.245239678	5.8245239678e+1
421.7	58.246620912	5.8246620912e+1
421.71	58.248002146	5.8248002146e+1
421.72	58.249383379	5.8249383379e+1
421.73	58.250764613	5.8250764613e+1
421.74	58.252145846	5.8252145846e+1
421.75	58.25352708	5.825352708e+1
421.76	58.254908314	5.8254908314e+1
421.77	58.256289547	5.8256289547e+1
421.78	58.257670781	5.8257670781e+1
421.79	58.259052014	5.8259052014e+1
421.8	58.260433248	5.8260433248e+1
421.81	58.261814482	5.8261814482e+1
421.82	58.263195715	5.8263195715e+1
421.83	58.264576949	5.8264576949e+1
421.84	58.265958182	5.8265958182e+1
421.85	58.267339416	5.8267339416e+1
421.86	58.26872065	5.826872065e+1
421.87	58.270101883	5.8270101883e+1
421.88	58.271483117	5.8271483117e+1
421.89	58.27286435	5.827286435e+1
421.9	58.274245584	5.8274245584e+1
421.91	58.275626818	5.8275626818e+1
421.92	58.277008051	5.8277008051e+1
421.93	58.278389285	5.8278389285e+1
421.94	58.279770518	5.8279770518e+1

421.95	58.281151752	5.8281151752e+1
421.96	58.282532986	5.8282532986e+1
421.97	58.283914219	5.8283914219e+1
421.98	58.285295453	5.8285295453e+1
421.99	58.286676686	5.8286676686e+1
422	58.28805792	5.828805792e+1
422.01	58.289439154	5.8289439154e+1
422.02	58.290820387	5.8290820387e+1
422.03	58.292201621	5.8292201621e+1
422.04	58.293582854	5.8293582854e+1
422.05	58.294964088	5.8294964088e+1
422.06	58.296345322	5.8296345322e+1
422.07	58.297726555	5.8297726555e+1
422.08	58.299107789	5.8299107789e+1
422.09	58.300489022	5.8300489022e+1
422.1	58.301870256	5.8301870256e+1
422.11	58.30325149	5.830325149e+1
422.12	58.304632723	5.8304632723e+1
422.13	58.306013957	5.8306013957e+1
422.14	58.30739519	5.830739519e+1
422.15	58.308776424	5.8308776424e+1
422.16	58.310157658	5.8310157658e+1
422.17	58.311538891	5.8311538891e+1
422.18	58.312920125	5.8312920125e+1
422.19	58.314301358	5.8314301358e+1
422.2	58.315682592	5.8315682592e+1
422.21	58.317063826	5.8317063826e+1
422.22	58.318445059	5.8318445059e+1
422.23	58.319826293	5.8319826293e+1
422.24	58.321207526	5.8321207526e+1
422.25	58.32258876	5.832258876e+1
422.26	58.323969994	5.8323969994e+1
422.27	58.325351227	5.8325351227e+1
422.28	58.326732461	5.8326732461e+1
422.29	58.328113694	5.8328113694e+1
422.3	58.329494928	5.8329494928e+1
422.31	58.330876162	5.8330876162e+1
422.32	58.332257395	5.8332257395e+1

422.33	58.333638629	5.8333638629e+1
422.34	58.335019862	5.8335019862e+1
422.35	58.336401096	5.8336401096e+1
422.36	58.33778233	5.833778233e+1
422.37	58.339163563	5.8339163563e+1
422.38	58.340544797	5.8340544797e+1
422.39	58.34192603	5.834192603e+1
422.4	58.343307264	5.8343307264e+1
422.41	58.344688498	5.8344688498e+1
422.42	58.346069731	5.8346069731e+1
422.43	58.347450965	5.8347450965e+1
422.44	58.348832198	5.8348832198e+1
422.45	58.350213432	5.8350213432e+1
422.46	58.351594666	5.8351594666e+1
422.47	58.352975899	5.8352975899e+1
422.48	58.354357133	5.8354357133e+1
422.49	58.355738366	5.8355738366e+1
422.5	58.3571196	5.83571196e+1
422.51	58.358500834	5.8358500834e+1
422.52	58.359882067	5.8359882067e+1
422.53	58.361263301	5.8361263301e+1
422.54	58.362644534	5.8362644534e+1
422.55	58.364025768	5.8364025768e+1
422.56	58.365407002	5.8365407002e+1
422.57	58.366788235	5.8366788235e+1
422.58	58.368169469	5.8368169469e+1
422.59	58.369550702	5.8369550702e+1
422.6	58.370931936	5.8370931936e+1
422.61	58.37231317	5.837231317e+1
422.62	58.373694403	5.8373694403e+1
422.63	58.375075637	5.8375075637e+1
422.64	58.37645687	5.837645687e+1
422.65	58.377838104	5.8377838104e+1
422.66	58.379219338	5.8379219338e+1
422.67	58.380600571	5.8380600571e+1
422.68	58.381981805	5.8381981805e+1
422.69	58.383363038	5.8383363038e+1
422.7	58.384744272	5.8384744272e+1

422.71	58.386125506	5.8386125506e+1
422.72	58.387506739	5.8387506739e+1
422.73	58.388887973	5.8388887973e+1
422.74	58.390269206	5.8390269206e+1
422.75	58.39165044	5.839165044e+1
422.76	58.393031674	5.8393031674e+1
422.77	58.394412907	5.8394412907e+1
422.78	58.395794141	5.8395794141e+1
422.79	58.397175374	5.8397175374e+1
422.8	58.398556608	5.8398556608e+1
422.81	58.399937842	5.8399937842e+1
422.82	58.401319075	5.8401319075e+1
422.83	58.402700309	5.8402700309e+1
422.84	58.404081542	5.8404081542e+1
422.85	58.405462776	5.8405462776e+1
422.86	58.40684401	5.840684401e+1
422.87	58.408225243	5.8408225243e+1
422.88	58.409606477	5.8409606477e+1
422.89	58.41098771	5.841098771e+1
422.9	58.412368944	5.8412368944e+1
422.91	58.413750178	5.8413750178e+1
422.92	58.415131411	5.8415131411e+1
422.93	58.416512645	5.8416512645e+1
422.94	58.417893878	5.8417893878e+1
422.95	58.419275112	5.8419275112e+1
422.96	58.420656346	5.8420656346e+1
422.97	58.422037579	5.8422037579e+1
422.98	58.423418813	5.8423418813e+1
422.99	58.424800046	5.8424800046e+1
423	58.42618128	5.842618128e+1
423.01	58.427562514	5.8427562514e+1
423.02	58.428943747	5.8428943747e+1
423.03	58.430324981	5.8430324981e+1
423.04	58.431706214	5.8431706214e+1
423.05	58.433087448	5.8433087448e+1
423.06	58.434468682	5.8434468682e+1
423.07	58.435849915	5.8435849915e+1
423.08	58.437231149	5.8437231149e+1

423.09	58.438612382	5.8438612382e+1
423.1	58.439993616	5.8439993616e+1
423.11	58.44137485	5.844137485e+1
423.12	58.442756083	5.8442756083e+1
423.13	58.444137317	5.8444137317e+1
423.14	58.44551855	5.844551855e+1
423.15	58.446899784	5.8446899784e+1
423.16	58.448281018	5.8448281018e+1
423.17	58.449662251	5.8449662251e+1
423.18	58.451043485	5.8451043485e+1
423.19	58.452424718	5.8452424718e+1
423.2	58.453805952	5.8453805952e+1
423.21	58.455187186	5.8455187186e+1
423.22	58.456568419	5.8456568419e+1
423.23	58.457949653	5.8457949653e+1
423.24	58.459330886	5.8459330886e+1
423.25	58.46071212	5.846071212e+1
423.26	58.462093354	5.8462093354e+1
423.27	58.463474587	5.8463474587e+1
423.28	58.464855821	5.8464855821e+1
423.29	58.466237054	5.8466237054e+1
423.3	58.467618288	5.8467618288e+1
423.31	58.468999522	5.8468999522e+1
423.32	58.470380755	5.8470380755e+1
423.33	58.471761989	5.8471761989e+1
423.34	58.473143222	5.8473143222e+1
423.35	58.474524456	5.8474524456e+1
423.36	58.47590569	5.847590569e+1
423.37	58.477286923	5.8477286923e+1
423.38	58.478668157	5.8478668157e+1
423.39	58.48004939	5.848004939e+1
423.4	58.481430624	5.8481430624e+1
423.41	58.482811858	5.8482811858e+1
423.42	58.484193091	5.8484193091e+1
423.43	58.485574325	5.8485574325e+1
423.44	58.486955558	5.8486955558e+1
423.45	58.488336792	5.8488336792e+1
423.46	58.489718026	5.8489718026e+1

423.47	58.491099259	5.8491099259e+1
423.48	58.492480493	5.8492480493e+1
423.49	58.493861726	5.8493861726e+1
423.5	58.49524296	5.849524296e+1
423.51	58.496624194	5.8496624194e+1
423.52	58.498005427	5.8498005427e+1
423.53	58.499386661	5.8499386661e+1
423.54	58.500767894	5.8500767894e+1
423.55	58.502149128	5.8502149128e+1
423.56	58.503530362	5.8503530362e+1
423.57	58.504911595	5.8504911595e+1
423.58	58.506292829	5.8506292829e+1
423.59	58.507674062	5.8507674062e+1
423.6	58.509055296	5.8509055296e+1
423.61	58.51043653	5.851043653e+1
423.62	58.511817763	5.8511817763e+1
423.63	58.513198997	5.8513198997e+1
423.64	58.51458023	5.851458023e+1
423.65	58.515961464	5.8515961464e+1
423.66	58.517342698	5.8517342698e+1
423.67	58.518723931	5.8518723931e+1
423.68	58.520105165	5.8520105165e+1
423.69	58.521486398	5.8521486398e+1
423.7	58.522867632	5.8522867632e+1
423.71	58.524248866	5.8524248866e+1
423.72	58.525630099	5.8525630099e+1
423.73	58.527011333	5.8527011333e+1
423.74	58.528392566	5.8528392566e+1
423.75	58.5297738	5.85297738e+1
423.76	58.531155034	5.8531155034e+1
423.77	58.532536267	5.8532536267e+1
423.78	58.533917501	5.8533917501e+1
423.79	58.535298734	5.8535298734e+1
423.8	58.536679968	5.8536679968e+1
423.81	58.538061202	5.8538061202e+1
423.82	58.539442435	5.8539442435e+1
423.83	58.540823669	5.8540823669e+1
423.84	58.542204902	5.8542204902e+1

423.85	58.543586136	5.8543586136e+1
423.86	58.54496737	5.854496737e+1
423.87	58.546348603	5.8546348603e+1
423.88	58.547729837	5.8547729837e+1
423.89	58.54911107	5.854911107e+1
423.9	58.550492304	5.8550492304e+1
423.91	58.551873538	5.8551873538e+1
423.92	58.553254771	5.8553254771e+1
423.93	58.554636005	5.8554636005e+1
423.94	58.556017238	5.8556017238e+1
423.95	58.557398472	5.8557398472e+1
423.96	58.558779706	5.8558779706e+1
423.97	58.560160939	5.8560160939e+1
423.98	58.561542173	5.8561542173e+1
423.99	58.562923406	5.8562923406e+1
424	58.56430464	5.856430464e+1
424.01	58.565685874	5.8565685874e+1
424.02	58.567067107	5.8567067107e+1
424.03	58.568448341	5.8568448341e+1
424.04	58.569829574	5.8569829574e+1
424.05	58.571210808	5.8571210808e+1
424.06	58.572592042	5.8572592042e+1
424.07	58.573973275	5.8573973275e+1
424.08	58.575354509	5.8575354509e+1
424.09	58.576735742	5.8576735742e+1
424.1	58.578116976	5.8578116976e+1
424.11	58.57949821	5.857949821e+1
424.12	58.580879443	5.8580879443e+1
424.13	58.582260677	5.8582260677e+1
424.14	58.58364191	5.858364191e+1
424.15	58.585023144	5.8585023144e+1
424.16	58.586404378	5.8586404378e+1
424.17	58.587785611	5.8587785611e+1
424.18	58.589166845	5.8589166845e+1
424.19	58.590548078	5.8590548078e+1
424.2	58.591929312	5.8591929312e+1
424.21	58.593310546	5.8593310546e+1
424.22	58.594691779	5.8594691779e+1

424.23	58.596073013	5.8596073013e+1
424.24	58.597454246	5.8597454246e+1
424.25	58.59883548	5.859883548e+1
424.26	58.600216714	5.8600216714e+1
424.27	58.601597947	5.8601597947e+1
424.28	58.602979181	5.8602979181e+1
424.29	58.604360414	5.8604360414e+1
424.3	58.605741648	5.8605741648e+1
424.31	58.607122882	5.8607122882e+1
424.32	58.608504115	5.8608504115e+1
424.33	58.609885349	5.8609885349e+1
424.34	58.611266582	5.8611266582e+1
424.35	58.612647816	5.8612647816e+1
424.36	58.61402905	5.861402905e+1
424.37	58.615410283	5.8615410283e+1
424.38	58.616791517	5.8616791517e+1
424.39	58.61817275	5.861817275e+1
424.4	58.619553984	5.8619553984e+1
424.41	58.620935218	5.8620935218e+1
424.42	58.622316451	5.8622316451e+1
424.43	58.623697685	5.8623697685e+1
424.44	58.625078918	5.8625078918e+1
424.45	58.626460152	5.8626460152e+1
424.46	58.627841386	5.8627841386e+1
424.47	58.629222619	5.8629222619e+1
424.48	58.630603853	5.8630603853e+1
424.49	58.631985086	5.8631985086e+1
424.5	58.63336632	5.863336632e+1
424.51	58.634747554	5.8634747554e+1
424.52	58.636128787	5.8636128787e+1
424.53	58.637510021	5.8637510021e+1
424.54	58.638891254	5.8638891254e+1
424.55	58.640272488	5.8640272488e+1
424.56	58.641653722	5.8641653722e+1
424.57	58.643034955	5.8643034955e+1
424.58	58.644416189	5.8644416189e+1
424.59	58.645797422	5.8645797422e+1
424.6	58.647178656	5.8647178656e+1

424.61	58.64855989	5.864855989e+1
424.62	58.649941123	5.8649941123e+1
424.63	58.651322357	5.8651322357e+1
424.64	58.65270359	5.865270359e+1
424.65	58.654084824	5.8654084824e+1
424.66	58.655466058	5.8655466058e+1
424.67	58.656847291	5.8656847291e+1
424.68	58.658228525	5.8658228525e+1
424.69	58.659609758	5.8659609758e+1
424.7	58.660990992	5.8660990992e+1
424.71	58.662372226	5.8662372226e+1
424.72	58.663753459	5.8663753459e+1
424.73	58.665134693	5.8665134693e+1
424.74	58.666515926	5.8666515926e+1
424.75	58.66789716	5.866789716e+1
424.76	58.669278394	5.8669278394e+1
424.77	58.670659627	5.8670659627e+1
424.78	58.672040861	5.8672040861e+1
424.79	58.673422094	5.8673422094e+1
424.8	58.674803328	5.8674803328e+1
424.81	58.676184562	5.8676184562e+1
424.82	58.677565795	5.8677565795e+1
424.83	58.678947029	5.8678947029e+1
424.84	58.680328262	5.8680328262e+1
424.85	58.681709496	5.8681709496e+1
424.86	58.68309073	5.868309073e+1
424.87	58.684471963	5.8684471963e+1
424.88	58.685853197	5.8685853197e+1
424.89	58.68723443	5.868723443e+1
424.9	58.688615664	5.8688615664e+1
424.91	58.689996898	5.8689996898e+1
424.92	58.691378131	5.8691378131e+1
424.93	58.692759365	5.8692759365e+1
424.94	58.694140598	5.8694140598e+1
424.95	58.695521832	5.8695521832e+1
424.96	58.696903066	5.8696903066e+1
424.97	58.698284299	5.8698284299e+1
424.98	58.699665533	5.8699665533e+1

424.99	58.701046766	5.8701046766e+1
425	58.702428	5.8702428e+1
425.01	58.703809234	5.8703809234e+1
425.02	58.705190467	5.8705190467e+1
425.03	58.706571701	5.8706571701e+1
425.04	58.707952934	5.8707952934e+1
425.05	58.709334168	5.8709334168e+1
425.06	58.710715402	5.8710715402e+1
425.07	58.712096635	5.8712096635e+1
425.08	58.713477869	5.8713477869e+1
425.09	58.714859102	5.8714859102e+1
425.1	58.716240336	5.8716240336e+1
425.11	58.71762157	5.871762157e+1
425.12	58.719002803	5.8719002803e+1
425.13	58.720384037	5.8720384037e+1
425.14	58.72176527	5.872176527e+1
425.15	58.723146504	5.8723146504e+1
425.16	58.724527738	5.8724527738e+1
425.17	58.725908971	5.8725908971e+1
425.18	58.727290205	5.8727290205e+1
425.19	58.728671438	5.8728671438e+1
425.2	58.730052672	5.8730052672e+1
425.21	58.731433906	5.8731433906e+1
425.22	58.732815139	5.8732815139e+1
425.23	58.734196373	5.8734196373e+1
425.24	58.735577606	5.8735577606e+1
425.25	58.73695884	5.873695884e+1
425.26	58.738340074	5.8738340074e+1
425.27	58.739721307	5.8739721307e+1
425.28	58.741102541	5.8741102541e+1
425.29	58.742483774	5.8742483774e+1
425.3	58.743865008	5.8743865008e+1
425.31	58.745246242	5.8745246242e+1
425.32	58.746627475	5.8746627475e+1
425.33	58.748008709	5.8748008709e+1
425.34	58.749389942	5.8749389942e+1
425.35	58.750771176	5.8750771176e+1
425.36	58.75215241	5.875215241e+1

425.37	58.753533643	5.8753533643e+1
425.38	58.754914877	5.8754914877e+1
425.39	58.75629611	5.875629611e+1
425.4	58.757677344	5.8757677344e+1
425.41	58.759058578	5.8759058578e+1
425.42	58.760439811	5.8760439811e+1
425.43	58.761821045	5.8761821045e+1
425.44	58.763202278	5.8763202278e+1
425.45	58.764583512	5.8764583512e+1
425.46	58.765964746	5.8765964746e+1
425.47	58.767345979	5.8767345979e+1
425.48	58.768727213	5.8768727213e+1
425.49	58.770108446	5.8770108446e+1
425.5	58.77148968	5.877148968e+1
425.51	58.772870914	5.8772870914e+1
425.52	58.774252147	5.8774252147e+1
425.53	58.775633381	5.8775633381e+1
425.54	58.777014614	5.8777014614e+1
425.55	58.778395848	5.8778395848e+1
425.56	58.779777082	5.8779777082e+1
425.57	58.781158315	5.8781158315e+1
425.58	58.782539549	5.8782539549e+1
425.59	58.783920782	5.8783920782e+1
425.6	58.785302016	5.8785302016e+1
425.61	58.78668325	5.878668325e+1
425.62	58.788064483	5.8788064483e+1
425.63	58.789445717	5.8789445717e+1
425.64	58.79082695	5.879082695e+1
425.65	58.792208184	5.8792208184e+1
425.66	58.793589418	5.8793589418e+1
425.67	58.794970651	5.8794970651e+1
425.68	58.796351885	5.8796351885e+1
425.69	58.797733118	5.8797733118e+1
425.7	58.799114352	5.8799114352e+1
425.71	58.800495586	5.8800495586e+1
425.72	58.801876819	5.8801876819e+1
425.73	58.803258053	5.8803258053e+1
425.74	58.804639286	5.8804639286e+1

425.75	58.80602052	5.880602052e+1
425.76	58.807401754	5.8807401754e+1
425.77	58.808782987	5.8808782987e+1
425.78	58.810164221	5.8810164221e+1
425.79	58.811545454	5.8811545454e+1
425.8	58.812926688	5.8812926688e+1
425.81	58.814307922	5.8814307922e+1
425.82	58.815689155	5.8815689155e+1
425.83	58.817070389	5.8817070389e+1
425.84	58.818451622	5.8818451622e+1
425.85	58.819832856	5.8819832856e+1
425.86	58.82121409	5.882121409e+1
425.87	58.822595323	5.8822595323e+1
425.88	58.823976557	5.8823976557e+1
425.89	58.82535779	5.882535779e+1
425.9	58.826739024	5.8826739024e+1
425.91	58.828120258	5.8828120258e+1
425.92	58.829501491	5.8829501491e+1
425.93	58.830882725	5.8830882725e+1
425.94	58.832263958	5.8832263958e+1
425.95	58.833645192	5.8833645192e+1
425.96	58.835026426	5.8835026426e+1
425.97	58.836407659	5.8836407659e+1
425.98	58.837788893	5.8837788893e+1
425.99	58.839170126	5.8839170126e+1
426	58.84055136	5.884055136e+1
426.01	58.841932594	5.8841932594e+1
426.02	58.843313827	5.8843313827e+1
426.03	58.844695061	5.8844695061e+1
426.04	58.846076294	5.8846076294e+1
426.05	58.847457528	5.8847457528e+1
426.06	58.848838762	5.8848838762e+1
426.07	58.850219995	5.8850219995e+1
426.08	58.851601229	5.8851601229e+1
426.09	58.852982462	5.8852982462e+1
426.1	58.854363696	5.8854363696e+1
426.11	58.85574493	5.885574493e+1
426.12	58.857126163	5.8857126163e+1

426.13	58.858507397	5.8858507397e+1
426.14	58.85988863	5.885988863e+1
426.15	58.861269864	5.8861269864e+1
426.16	58.862651098	5.8862651098e+1
426.17	58.864032331	5.8864032331e+1
426.18	58.865413565	5.8865413565e+1
426.19	58.866794798	5.8866794798e+1
426.2	58.868176032	5.8868176032e+1
426.21	58.869557266	5.8869557266e+1
426.22	58.870938499	5.8870938499e+1
426.23	58.872319733	5.8872319733e+1
426.24	58.873700966	5.8873700966e+1
426.25	58.8750822	5.88750822e+1
426.26	58.876463434	5.8876463434e+1
426.27	58.877844667	5.8877844667e+1
426.28	58.879225901	5.8879225901e+1
426.29	58.880607134	5.8880607134e+1
426.3	58.881988368	5.8881988368e+1
426.31	58.883369602	5.8883369602e+1
426.32	58.884750835	5.8884750835e+1
426.33	58.886132069	5.8886132069e+1
426.34	58.887513302	5.8887513302e+1
426.35	58.888894536	5.8888894536e+1
426.36	58.89027577	5.889027577e+1
426.37	58.891657003	5.8891657003e+1
426.38	58.893038237	5.8893038237e+1
426.39	58.89441947	5.889441947e+1
426.4	58.895800704	5.8895800704e+1
426.41	58.897181938	5.8897181938e+1
426.42	58.898563171	5.8898563171e+1
426.43	58.899944405	5.8899944405e+1
426.44	58.901325638	5.8901325638e+1
426.45	58.902706872	5.8902706872e+1
426.46	58.904088106	5.8904088106e+1
426.47	58.905469339	5.8905469339e+1
426.48	58.906850573	5.8906850573e+1
426.49	58.908231806	5.8908231806e+1
426.5	58.90961304	5.890961304e+1

426.51	58.910994274	5.8910994274e+1
426.52	58.912375507	5.8912375507e+1
426.53	58.913756741	5.8913756741e+1
426.54	58.915137974	5.8915137974e+1
426.55	58.916519208	5.8916519208e+1
426.56	58.917900442	5.8917900442e+1
426.57	58.919281675	5.8919281675e+1
426.58	58.920662909	5.8920662909e+1
426.59	58.922044142	5.8922044142e+1
426.6	58.923425376	5.8923425376e+1
426.61	58.92480661	5.892480661e+1
426.62	58.926187843	5.8926187843e+1
426.63	58.927569077	5.8927569077e+1
426.64	58.92895031	5.892895031e+1
426.65	58.930331544	5.8930331544e+1
426.66	58.931712778	5.8931712778e+1
426.67	58.933094011	5.8933094011e+1
426.68	58.934475245	5.8934475245e+1
426.69	58.935856478	5.8935856478e+1
426.7	58.937237712	5.8937237712e+1
426.71	58.938618946	5.8938618946e+1
426.72	58.940000179	5.8940000179e+1
426.73	58.941381413	5.8941381413e+1
426.74	58.942762646	5.8942762646e+1
426.75	58.94414388	5.894414388e+1
426.76	58.945525114	5.8945525114e+1
426.77	58.946906347	5.8946906347e+1
426.78	58.948287581	5.8948287581e+1
426.79	58.949668814	5.8949668814e+1
426.8	58.951050048	5.8951050048e+1
426.81	58.952431282	5.8952431282e+1
426.82	58.953812515	5.8953812515e+1
426.83	58.955193749	5.8955193749e+1
426.84	58.956574982	5.8956574982e+1
426.85	58.957956216	5.8957956216e+1
426.86	58.95933745	5.895933745e+1
426.87	58.960718683	5.8960718683e+1
426.88	58.962099917	5.8962099917e+1

426.89	58.96348115	5.896348115e+1
426.9	58.964862384	5.8964862384e+1
426.91	58.966243618	5.8966243618e+1
426.92	58.967624851	5.8967624851e+1
426.93	58.969006085	5.8969006085e+1
426.94	58.970387318	5.8970387318e+1
426.95	58.971768552	5.8971768552e+1
426.96	58.973149786	5.8973149786e+1
426.97	58.974531019	5.8974531019e+1
426.98	58.975912253	5.8975912253e+1
426.99	58.977293486	5.8977293486e+1
427	58.97867472	5.897867472e+1
427.01	58.980055954	5.8980055954e+1
427.02	58.981437187	5.8981437187e+1
427.03	58.982818421	5.8982818421e+1
427.04	58.984199654	5.8984199654e+1
427.05	58.985580888	5.8985580888e+1
427.06	58.986962122	5.8986962122e+1
427.07	58.988343355	5.8988343355e+1
427.08	58.989724589	5.8989724589e+1
427.09	58.991105822	5.8991105822e+1
427.1	58.992487056	5.8992487056e+1
427.11	58.99386829	5.899386829e+1
427.12	58.995249523	5.8995249523e+1
427.13	58.996630757	5.8996630757e+1
427.14	58.99801199	5.899801199e+1
427.15	58.999393224	5.8999393224e+1
427.16	59.000774458	5.9000774458e+1
427.17	59.002155691	5.9002155691e+1
427.18	59.003536925	5.9003536925e+1
427.19	59.004918158	5.9004918158e+1
427.2	59.006299392	5.9006299392e+1
427.21	59.007680626	5.9007680626e+1
427.22	59.009061859	5.9009061859e+1
427.23	59.010443093	5.9010443093e+1
427.24	59.011824326	5.9011824326e+1
427.25	59.01320556	5.901320556e+1
427.26	59.014586794	5.9014586794e+1

427.27	59.015968027	5.9015968027e+1
427.28	59.017349261	5.9017349261e+1
427.29	59.018730494	5.9018730494e+1
427.3	59.020111728	5.9020111728e+1
427.31	59.021492962	5.9021492962e+1
427.32	59.022874195	5.9022874195e+1
427.33	59.024255429	5.9024255429e+1
427.34	59.025636662	5.9025636662e+1
427.35	59.027017896	5.9027017896e+1
427.36	59.02839913	5.902839913e+1
427.37	59.029780363	5.9029780363e+1
427.38	59.031161597	5.9031161597e+1
427.39	59.03254283	5.903254283e+1
427.4	59.033924064	5.9033924064e+1
427.41	59.035305298	5.9035305298e+1
427.42	59.036686531	5.9036686531e+1
427.43	59.038067765	5.9038067765e+1
427.44	59.039448998	5.9039448998e+1
427.45	59.040830232	5.9040830232e+1
427.46	59.042211466	5.9042211466e+1
427.47	59.043592699	5.9043592699e+1
427.48	59.044973933	5.9044973933e+1
427.49	59.046355166	5.9046355166e+1
427.5	59.0477364	5.90477364e+1
427.51	59.049117634	5.9049117634e+1
427.52	59.050498867	5.9050498867e+1
427.53	59.051880101	5.9051880101e+1
427.54	59.053261334	5.9053261334e+1
427.55	59.054642568	5.9054642568e+1
427.56	59.056023802	5.9056023802e+1
427.57	59.057405035	5.9057405035e+1
427.58	59.058786269	5.9058786269e+1
427.59	59.060167502	5.9060167502e+1
427.6	59.061548736	5.9061548736e+1
427.61	59.06292997	5.906292997e+1
427.62	59.064311203	5.9064311203e+1
427.63	59.065692437	5.9065692437e+1
427.64	59.06707367	5.906707367e+1

427.65	59.068454904	5.9068454904e+1
427.66	59.069836138	5.9069836138e+1
427.67	59.071217371	5.9071217371e+1
427.68	59.072598605	5.9072598605e+1
427.69	59.073979838	5.9073979838e+1
427.7	59.075361072	5.9075361072e+1
427.71	59.076742306	5.9076742306e+1
427.72	59.078123539	5.9078123539e+1
427.73	59.079504773	5.9079504773e+1
427.74	59.080886006	5.9080886006e+1
427.75	59.08226724	5.908226724e+1
427.76	59.083648474	5.9083648474e+1
427.77	59.085029707	5.9085029707e+1
427.78	59.086410941	5.9086410941e+1
427.79	59.087792174	5.9087792174e+1
427.8	59.089173408	5.9089173408e+1
427.81	59.090554642	5.9090554642e+1
427.82	59.091935875	5.9091935875e+1
427.83	59.093317109	5.9093317109e+1
427.84	59.094698342	5.9094698342e+1
427.85	59.096079576	5.9096079576e+1
427.86	59.09746081	5.909746081e+1
427.87	59.098842043	5.9098842043e+1
427.88	59.100223277	5.9100223277e+1
427.89	59.10160451	5.910160451e+1
427.9	59.102985744	5.9102985744e+1
427.91	59.104366978	5.9104366978e+1
427.92	59.105748211	5.9105748211e+1
427.93	59.107129445	5.9107129445e+1
427.94	59.108510678	5.9108510678e+1
427.95	59.109891912	5.9109891912e+1
427.96	59.111273146	5.9111273146e+1
427.97	59.112654379	5.9112654379e+1
427.98	59.114035613	5.9114035613e+1
427.99	59.115416846	5.9115416846e+1
428	59.11679808	5.911679808e+1
428.01	59.118179314	5.9118179314e+1
428.02	59.119560547	5.9119560547e+1

428.03	59.120941781	5.9120941781e+1
428.04	59.122323014	5.9122323014e+1
428.05	59.123704248	5.9123704248e+1
428.06	59.125085482	5.9125085482e+1
428.07	59.126466715	5.9126466715e+1
428.08	59.127847949	5.9127847949e+1
428.09	59.129229182	5.9129229182e+1
428.1	59.130610416	5.9130610416e+1
428.11	59.13199165	5.913199165e+1
428.12	59.133372883	5.9133372883e+1
428.13	59.134754117	5.9134754117e+1
428.14	59.13613535	5.913613535e+1
428.15	59.137516584	5.9137516584e+1
428.16	59.138897818	5.9138897818e+1
428.17	59.140279051	5.9140279051e+1
428.18	59.141660285	5.9141660285e+1
428.19	59.143041518	5.9143041518e+1
428.2	59.144422752	5.9144422752e+1
428.21	59.145803986	5.9145803986e+1
428.22	59.147185219	5.9147185219e+1
428.23	59.148566453	5.9148566453e+1
428.24	59.149947686	5.9149947686e+1
428.25	59.15132892	5.915132892e+1
428.26	59.152710154	5.9152710154e+1
428.27	59.154091387	5.9154091387e+1
428.28	59.155472621	5.9155472621e+1
428.29	59.156853854	5.9156853854e+1
428.3	59.158235088	5.9158235088e+1
428.31	59.159616322	5.9159616322e+1
428.32	59.160997555	5.9160997555e+1
428.33	59.162378789	5.9162378789e+1
428.34	59.163760022	5.9163760022e+1
428.35	59.165141256	5.9165141256e+1
428.36	59.16652249	5.916652249e+1
428.37	59.167903723	5.9167903723e+1
428.38	59.169284957	5.9169284957e+1
428.39	59.17066619	5.917066619e+1
428.4	59.172047424	5.9172047424e+1

428.41	59.173428658	5.9173428658e+1
428.42	59.174809891	5.9174809891e+1
428.43	59.176191125	5.9176191125e+1
428.44	59.177572358	5.9177572358e+1
428.45	59.178953592	5.9178953592e+1
428.46	59.180334826	5.9180334826e+1
428.47	59.181716059	5.9181716059e+1
428.48	59.183097293	5.9183097293e+1
428.49	59.184478526	5.9184478526e+1
428.5	59.18585976	5.918585976e+1
428.51	59.187240994	5.9187240994e+1
428.52	59.188622227	5.9188622227e+1
428.53	59.190003461	5.9190003461e+1
428.54	59.191384694	5.9191384694e+1
428.55	59.192765928	5.9192765928e+1
428.56	59.194147162	5.9194147162e+1
428.57	59.195528395	5.9195528395e+1
428.58	59.196909629	5.9196909629e+1
428.59	59.198290862	5.9198290862e+1
428.6	59.199672096	5.9199672096e+1
428.61	59.20105333	5.920105333e+1
428.62	59.202434563	5.9202434563e+1
428.63	59.203815797	5.9203815797e+1
428.64	59.20519703	5.920519703e+1
428.65	59.206578264	5.9206578264e+1
428.66	59.207959498	5.9207959498e+1
428.67	59.209340731	5.9209340731e+1
428.68	59.210721965	5.9210721965e+1
428.69	59.212103198	5.9212103198e+1
428.7	59.213484432	5.9213484432e+1
428.71	59.214865666	5.9214865666e+1
428.72	59.216246899	5.9216246899e+1
428.73	59.217628133	5.9217628133e+1
428.74	59.219009366	5.9219009366e+1
428.75	59.2203906	5.92203906e+1
428.76	59.221771834	5.9221771834e+1
428.77	59.223153067	5.9223153067e+1
428.78	59.224534301	5.9224534301e+1

428.79	59.225915534	5.9225915534e+1
428.8	59.227296768	5.9227296768e+1
428.81	59.228678002	5.9228678002e+1
428.82	59.230059235	5.9230059235e+1
428.83	59.231440469	5.9231440469e+1
428.84	59.232821702	5.9232821702e+1
428.85	59.234202936	5.9234202936e+1
428.86	59.23558417	5.923558417e+1
428.87	59.236965403	5.9236965403e+1
428.88	59.238346637	5.9238346637e+1
428.89	59.23972787	5.923972787e+1
428.9	59.241109104	5.9241109104e+1
428.91	59.242490338	5.9242490338e+1
428.92	59.243871571	5.9243871571e+1
428.93	59.245252805	5.9245252805e+1
428.94	59.246634038	5.9246634038e+1
428.95	59.248015272	5.9248015272e+1
428.96	59.249396506	5.9249396506e+1
428.97	59.250777739	5.9250777739e+1
428.98	59.252158973	5.9252158973e+1
428.99	59.253540206	5.9253540206e+1
429	59.25492144	5.925492144e+1
429.01	59.256302674	5.9256302674e+1
429.02	59.257683907	5.9257683907e+1
429.03	59.259065141	5.9259065141e+1
429.04	59.260446374	5.9260446374e+1
429.05	59.261827608	5.9261827608e+1
429.06	59.263208842	5.9263208842e+1
429.07	59.264590075	5.9264590075e+1
429.08	59.265971309	5.9265971309e+1
429.09	59.267352542	5.9267352542e+1
429.1	59.268733776	5.9268733776e+1
429.11	59.27011501	5.927011501e+1
429.12	59.271496243	5.9271496243e+1
429.13	59.272877477	5.9272877477e+1
429.14	59.27425871	5.927425871e+1
429.15	59.275639944	5.9275639944e+1
429.16	59.277021178	5.9277021178e+1

429.17	59.278402411	5.9278402411e+1
429.18	59.279783645	5.9279783645e+1
429.19	59.281164878	5.9281164878e+1
429.2	59.282546112	5.9282546112e+1
429.21	59.283927346	5.9283927346e+1
429.22	59.285308579	5.9285308579e+1
429.23	59.286689813	5.9286689813e+1
429.24	59.288071046	5.9288071046e+1
429.25	59.28945228	5.928945228e+1
429.26	59.290833514	5.9290833514e+1
429.27	59.292214747	5.9292214747e+1
429.28	59.293595981	5.9293595981e+1
429.29	59.294977214	5.9294977214e+1
429.3	59.296358448	5.9296358448e+1
429.31	59.297739682	5.9297739682e+1
429.32	59.299120915	5.9299120915e+1
429.33	59.300502149	5.9300502149e+1
429.34	59.301883382	5.9301883382e+1
429.35	59.303264616	5.9303264616e+1
429.36	59.30464585	5.930464585e+1
429.37	59.306027083	5.9306027083e+1
429.38	59.307408317	5.9307408317e+1
429.39	59.30878955	5.930878955e+1
429.4	59.310170784	5.9310170784e+1
429.41	59.311552018	5.9311552018e+1
429.42	59.312933251	5.9312933251e+1
429.43	59.314314485	5.9314314485e+1
429.44	59.315695718	5.9315695718e+1
429.45	59.317076952	5.9317076952e+1
429.46	59.318458186	5.9318458186e+1
429.47	59.319839419	5.9319839419e+1
429.48	59.321220653	5.9321220653e+1
429.49	59.322601886	5.9322601886e+1
429.5	59.32398312	5.932398312e+1
429.51	59.325364354	5.9325364354e+1
429.52	59.326745587	5.9326745587e+1
429.53	59.328126821	5.9328126821e+1
429.54	59.329508054	5.9329508054e+1

429.55	59.330889288	5.9330889288e+1
429.56	59.332270522	5.9332270522e+1
429.57	59.333651755	5.9333651755e+1
429.58	59.335032989	5.9335032989e+1
429.59	59.336414222	5.9336414222e+1
429.6	59.337795456	5.9337795456e+1
429.61	59.33917669	5.933917669e+1
429.62	59.340557923	5.9340557923e+1
429.63	59.341939157	5.9341939157e+1
429.64	59.34332039	5.934332039e+1
429.65	59.344701624	5.9344701624e+1
429.66	59.346082858	5.9346082858e+1
429.67	59.347464091	5.9347464091e+1
429.68	59.348845325	5.9348845325e+1
429.69	59.350226558	5.9350226558e+1
429.7	59.351607792	5.9351607792e+1
429.71	59.352989026	5.9352989026e+1
429.72	59.354370259	5.9354370259e+1
429.73	59.355751493	5.9355751493e+1
429.74	59.357132726	5.9357132726e+1
429.75	59.35851396	5.935851396e+1
429.76	59.359895194	5.9359895194e+1
429.77	59.361276427	5.9361276427e+1
429.78	59.362657661	5.9362657661e+1
429.79	59.364038894	5.9364038894e+1
429.8	59.365420128	5.9365420128e+1
429.81	59.366801362	5.9366801362e+1
429.82	59.368182595	5.9368182595e+1
429.83	59.369563829	5.9369563829e+1
429.84	59.370945062	5.9370945062e+1
429.85	59.372326296	5.9372326296e+1
429.86	59.37370753	5.937370753e+1
429.87	59.375088763	5.9375088763e+1
429.88	59.376469997	5.9376469997e+1
429.89	59.37785123	5.937785123e+1
429.9	59.379232464	5.9379232464e+1
429.91	59.380613698	5.9380613698e+1
429.92	59.381994931	5.9381994931e+1

429.93	59.383376165	5.9383376165e+1
429.94	59.384757398	5.9384757398e+1
429.95	59.386138632	5.9386138632e+1
429.96	59.387519866	5.9387519866e+1
429.97	59.388901099	5.9388901099e+1
429.98	59.390282333	5.9390282333e+1
429.99	59.391663566	5.9391663566e+1
430	59.3930448	5.93930448e+1
430.01	59.394426034	5.9394426034e+1
430.02	59.395807267	5.9395807267e+1
430.03	59.397188501	5.9397188501e+1
430.04	59.398569734	5.9398569734e+1
430.05	59.399950968	5.9399950968e+1
430.06	59.401332202	5.9401332202e+1
430.07	59.402713435	5.9402713435e+1
430.08	59.404094669	5.9404094669e+1
430.09	59.405475902	5.9405475902e+1
430.1	59.406857136	5.9406857136e+1
430.11	59.40823837	5.940823837e+1
430.12	59.409619603	5.9409619603e+1
430.13	59.411000837	5.9411000837e+1
430.14	59.41238207	5.941238207e+1
430.15	59.413763304	5.9413763304e+1
430.16	59.415144538	5.9415144538e+1
430.17	59.416525771	5.9416525771e+1
430.18	59.417907005	5.9417907005e+1
430.19	59.419288238	5.9419288238e+1
430.2	59.420669472	5.9420669472e+1
430.21	59.422050706	5.9422050706e+1
430.22	59.423431939	5.9423431939e+1
430.23	59.424813173	5.9424813173e+1
430.24	59.426194406	5.9426194406e+1
430.25	59.42757564	5.942757564e+1
430.26	59.428956874	5.9428956874e+1
430.27	59.430338107	5.9430338107e+1
430.28	59.431719341	5.9431719341e+1
430.29	59.433100574	5.9433100574e+1
430.3	59.434481808	5.9434481808e+1

430.31	59.435863042	5.9435863042e+1
430.32	59.437244275	5.9437244275e+1
430.33	59.438625509	5.9438625509e+1
430.34	59.440006742	5.9440006742e+1
430.35	59.441387976	5.9441387976e+1
430.36	59.44276921	5.944276921e+1
430.37	59.444150443	5.9444150443e+1
430.38	59.445531677	5.9445531677e+1
430.39	59.44691291	5.944691291e+1
430.4	59.448294144	5.9448294144e+1
430.41	59.449675378	5.9449675378e+1
430.42	59.451056611	5.9451056611e+1
430.43	59.452437845	5.9452437845e+1
430.44	59.453819078	5.9453819078e+1
430.45	59.455200312	5.9455200312e+1
430.46	59.456581546	5.9456581546e+1
430.47	59.457962779	5.9457962779e+1
430.48	59.459344013	5.9459344013e+1
430.49	59.460725246	5.9460725246e+1
430.5	59.46210648	5.946210648e+1
430.51	59.463487714	5.9463487714e+1
430.52	59.464868947	5.9464868947e+1
430.53	59.466250181	5.9466250181e+1
430.54	59.467631414	5.9467631414e+1
430.55	59.469012648	5.9469012648e+1
430.56	59.470393882	5.9470393882e+1
430.57	59.471775115	5.9471775115e+1
430.58	59.473156349	5.9473156349e+1
430.59	59.474537582	5.9474537582e+1
430.6	59.475918816	5.9475918816e+1
430.61	59.47730005	5.947730005e+1
430.62	59.478681283	5.9478681283e+1
430.63	59.480062517	5.9480062517e+1
430.64	59.48144375	5.948144375e+1
430.65	59.482824984	5.9482824984e+1
430.66	59.484206218	5.9484206218e+1
430.67	59.485587451	5.9485587451e+1
430.68	59.486968685	5.9486968685e+1

430.69	59.488349918	5.9488349918e+1
430.7	59.489731152	5.9489731152e+1
430.71	59.491112386	5.9491112386e+1
430.72	59.492493619	5.9492493619e+1
430.73	59.493874853	5.9493874853e+1
430.74	59.495256086	5.9495256086e+1
430.75	59.49663732	5.949663732e+1
430.76	59.498018554	5.9498018554e+1
430.77	59.499399787	5.9499399787e+1
430.78	59.500781021	5.9500781021e+1
430.79	59.502162254	5.9502162254e+1
430.8	59.503543488	5.9503543488e+1
430.81	59.504924722	5.9504924722e+1
430.82	59.506305955	5.9506305955e+1
430.83	59.507687189	5.9507687189e+1
430.84	59.509068422	5.9509068422e+1
430.85	59.510449656	5.9510449656e+1
430.86	59.51183089	5.951183089e+1
430.87	59.513212123	5.9513212123e+1
430.88	59.514593357	5.9514593357e+1
430.89	59.51597459	5.951597459e+1
430.9	59.517355824	5.9517355824e+1
430.91	59.518737058	5.9518737058e+1
430.92	59.520118291	5.9520118291e+1
430.93	59.521499525	5.9521499525e+1
430.94	59.522880758	5.9522880758e+1
430.95	59.524261992	5.9524261992e+1
430.96	59.525643226	5.9525643226e+1
430.97	59.527024459	5.9527024459e+1
430.98	59.528405693	5.9528405693e+1
430.99	59.529786926	5.9529786926e+1
431	59.53116816	5.953116816e+1
431.01	59.532549394	5.9532549394e+1
431.02	59.533930627	5.9533930627e+1
431.03	59.535311861	5.9535311861e+1
431.04	59.536693094	5.9536693094e+1
431.05	59.538074328	5.9538074328e+1
431.06	59.539455562	5.9539455562e+1

431.07	59.540836795	5.9540836795e+1
431.08	59.542218029	5.9542218029e+1
431.09	59.543599262	5.9543599262e+1
431.1	59.544980496	5.9544980496e+1
431.11	59.54636173	5.954636173e+1
431.12	59.547742963	5.9547742963e+1
431.13	59.549124197	5.9549124197e+1
431.14	59.55050543	5.955050543e+1
431.15	59.551886664	5.9551886664e+1
431.16	59.553267898	5.9553267898e+1
431.17	59.554649131	5.9554649131e+1
431.18	59.556030365	5.9556030365e+1
431.19	59.557411598	5.9557411598e+1
431.2	59.558792832	5.9558792832e+1
431.21	59.560174066	5.9560174066e+1
431.22	59.561555299	5.9561555299e+1
431.23	59.562936533	5.9562936533e+1
431.24	59.564317766	5.9564317766e+1
431.25	59.565699	5.9565699e+1
431.26	59.567080234	5.9567080234e+1
431.27	59.568461467	5.9568461467e+1
431.28	59.569842701	5.9569842701e+1
431.29	59.571223934	5.9571223934e+1
431.3	59.572605168	5.9572605168e+1
431.31	59.573986402	5.9573986402e+1
431.32	59.575367635	5.9575367635e+1
431.33	59.576748869	5.9576748869e+1
431.34	59.578130102	5.9578130102e+1
431.35	59.579511336	5.9579511336e+1
431.36	59.58089257	5.958089257e+1
431.37	59.582273803	5.9582273803e+1
431.38	59.583655037	5.9583655037e+1
431.39	59.58503627	5.958503627e+1
431.4	59.586417504	5.9586417504e+1
431.41	59.587798738	5.9587798738e+1
431.42	59.589179971	5.9589179971e+1
431.43	59.590561205	5.9590561205e+1
431.44	59.591942438	5.9591942438e+1

431.45	59.593323672	5.9593323672e+1
431.46	59.594704906	5.9594704906e+1
431.47	59.596086139	5.9596086139e+1
431.48	59.597467373	5.9597467373e+1
431.49	59.598848606	5.9598848606e+1
431.5	59.60022984	5.960022984e+1
431.51	59.601611074	5.9601611074e+1
431.52	59.602992307	5.9602992307e+1
431.53	59.604373541	5.9604373541e+1
431.54	59.605754774	5.9605754774e+1
431.55	59.607136008	5.9607136008e+1
431.56	59.608517242	5.9608517242e+1
431.57	59.609898475	5.9609898475e+1
431.58	59.611279709	5.9611279709e+1
431.59	59.612660942	5.9612660942e+1
431.6	59.614042176	5.9614042176e+1
431.61	59.61542341	5.961542341e+1
431.62	59.616804643	5.9616804643e+1
431.63	59.618185877	5.9618185877e+1
431.64	59.61956711	5.961956711e+1
431.65	59.620948344	5.9620948344e+1
431.66	59.622329578	5.9622329578e+1
431.67	59.623710811	5.9623710811e+1
431.68	59.625092045	5.9625092045e+1
431.69	59.626473278	5.9626473278e+1
431.7	59.627854512	5.9627854512e+1
431.71	59.629235746	5.9629235746e+1
431.72	59.630616979	5.9630616979e+1
431.73	59.631998213	5.9631998213e+1
431.74	59.633379446	5.9633379446e+1
431.75	59.63476068	5.963476068e+1
431.76	59.636141914	5.9636141914e+1
431.77	59.637523147	5.9637523147e+1
431.78	59.638904381	5.9638904381e+1
431.79	59.640285614	5.9640285614e+1
431.8	59.641666848	5.9641666848e+1
431.81	59.643048082	5.9643048082e+1
431.82	59.644429315	5.9644429315e+1

431.83	59.645810549	5.9645810549e+1
431.84	59.647191782	5.9647191782e+1
431.85	59.648573016	5.9648573016e+1
431.86	59.64995425	5.964995425e+1
431.87	59.651335483	5.9651335483e+1
431.88	59.652716717	5.9652716717e+1
431.89	59.65409795	5.965409795e+1
431.9	59.655479184	5.9655479184e+1
431.91	59.656860418	5.9656860418e+1
431.92	59.658241651	5.9658241651e+1
431.93	59.659622885	5.9659622885e+1
431.94	59.661004118	5.9661004118e+1
431.95	59.662385352	5.9662385352e+1
431.96	59.663766586	5.9663766586e+1
431.97	59.665147819	5.9665147819e+1
431.98	59.666529053	5.9666529053e+1
431.99	59.667910286	5.9667910286e+1
432	59.66929152	5.966929152e+1
432.01	59.670672754	5.9670672754e+1
432.02	59.672053987	5.9672053987e+1
432.03	59.673435221	5.9673435221e+1
432.04	59.674816454	5.9674816454e+1
432.05	59.676197688	5.9676197688e+1
432.06	59.677578922	5.9677578922e+1
432.07	59.678960155	5.9678960155e+1
432.08	59.680341389	5.9680341389e+1
432.09	59.681722622	5.9681722622e+1
432.1	59.683103856	5.9683103856e+1
432.11	59.68448509	5.968448509e+1
432.12	59.685866323	5.9685866323e+1
432.13	59.687247557	5.9687247557e+1
432.14	59.68862879	5.968862879e+1
432.15	59.690010024	5.9690010024e+1
432.16	59.691391258	5.9691391258e+1
432.17	59.692772491	5.9692772491e+1
432.18	59.694153725	5.9694153725e+1
432.19	59.695534958	5.9695534958e+1
432.2	59.696916192	5.9696916192e+1

432.21	59.698297426	5.9698297426e+1
432.22	59.699678659	5.9699678659e+1
432.23	59.701059893	5.9701059893e+1
432.24	59.702441126	5.9702441126e+1
432.25	59.70382236	5.970382236e+1
432.26	59.705203594	5.9705203594e+1
432.27	59.706584827	5.9706584827e+1
432.28	59.707966061	5.9707966061e+1
432.29	59.709347294	5.9709347294e+1
432.3	59.710728528	5.9710728528e+1
432.31	59.712109762	5.9712109762e+1
432.32	59.713490995	5.9713490995e+1
432.33	59.714872229	5.9714872229e+1
432.34	59.716253462	5.9716253462e+1
432.35	59.717634696	5.9717634696e+1
432.36	59.71901593	5.971901593e+1
432.37	59.720397163	5.9720397163e+1
432.38	59.721778397	5.9721778397e+1
432.39	59.72315963	5.972315963e+1
432.4	59.724540864	5.9724540864e+1
432.41	59.725922098	5.9725922098e+1
432.42	59.727303331	5.9727303331e+1
432.43	59.728684565	5.9728684565e+1
432.44	59.730065798	5.9730065798e+1
432.45	59.731447032	5.9731447032e+1
432.46	59.732828266	5.9732828266e+1
432.47	59.734209499	5.9734209499e+1
432.48	59.735590733	5.9735590733e+1
432.49	59.736971966	5.9736971966e+1
432.5	59.7383532	5.97383532e+1
432.51	59.739734434	5.9739734434e+1
432.52	59.741115667	5.9741115667e+1
432.53	59.742496901	5.9742496901e+1
432.54	59.743878134	5.9743878134e+1
432.55	59.745259368	5.9745259368e+1
432.56	59.746640602	5.9746640602e+1
432.57	59.748021835	5.9748021835e+1
432.58	59.749403069	5.9749403069e+1

432.59	59.750784302	5.9750784302e+1
432.6	59.752165536	5.9752165536e+1
432.61	59.75354677	5.975354677e+1
432.62	59.754928003	5.9754928003e+1
432.63	59.756309237	5.9756309237e+1
432.64	59.75769047	5.975769047e+1
432.65	59.759071704	5.9759071704e+1
432.66	59.760452938	5.9760452938e+1
432.67	59.761834171	5.9761834171e+1
432.68	59.763215405	5.9763215405e+1
432.69	59.764596638	5.9764596638e+1
432.7	59.765977872	5.9765977872e+1
432.71	59.767359106	5.9767359106e+1
432.72	59.768740339	5.9768740339e+1
432.73	59.770121573	5.9770121573e+1
432.74	59.771502806	5.9771502806e+1
432.75	59.77288404	5.977288404e+1
432.76	59.774265274	5.9774265274e+1
432.77	59.775646507	5.9775646507e+1
432.78	59.777027741	5.9777027741e+1
432.79	59.778408974	5.9778408974e+1
432.8	59.779790208	5.9779790208e+1
432.81	59.781171442	5.9781171442e+1
432.82	59.782552675	5.9782552675e+1
432.83	59.783933909	5.9783933909e+1
432.84	59.785315142	5.9785315142e+1
432.85	59.786696376	5.9786696376e+1
432.86	59.78807761	5.978807761e+1
432.87	59.789458843	5.9789458843e+1
432.88	59.790840077	5.9790840077e+1
432.89	59.79222131	5.979222131e+1
432.9	59.793602544	5.9793602544e+1
432.91	59.794983778	5.9794983778e+1
432.92	59.796365011	5.9796365011e+1
432.93	59.797746245	5.9797746245e+1
432.94	59.799127478	5.9799127478e+1
432.95	59.800508712	5.9800508712e+1
432.96	59.801889946	5.9801889946e+1

432.97	59.803271179	5.9803271179e+1
432.98	59.804652413	5.9804652413e+1
432.99	59.806033646	5.9806033646e+1
433	59.80741488	5.980741488e+1
433.01	59.808796114	5.9808796114e+1
433.02	59.810177347	5.9810177347e+1
433.03	59.811558581	5.9811558581e+1
433.04	59.812939814	5.9812939814e+1
433.05	59.814321048	5.9814321048e+1
433.06	59.815702282	5.9815702282e+1
433.07	59.817083515	5.9817083515e+1
433.08	59.818464749	5.9818464749e+1
433.09	59.819845982	5.9819845982e+1
433.1	59.821227216	5.9821227216e+1
433.11	59.82260845	5.982260845e+1
433.12	59.823989683	5.9823989683e+1
433.13	59.825370917	5.9825370917e+1
433.14	59.82675215	5.982675215e+1
433.15	59.828133384	5.9828133384e+1
433.16	59.829514618	5.9829514618e+1
433.17	59.830895851	5.9830895851e+1
433.18	59.832277085	5.9832277085e+1
433.19	59.833658318	5.9833658318e+1
433.2	59.835039552	5.9835039552e+1
433.21	59.836420786	5.9836420786e+1
433.22	59.837802019	5.9837802019e+1
433.23	59.839183253	5.9839183253e+1
433.24	59.840564486	5.9840564486e+1
433.25	59.84194572	5.984194572e+1
433.26	59.843326954	5.9843326954e+1
433.27	59.844708187	5.9844708187e+1
433.28	59.846089421	5.9846089421e+1
433.29	59.847470654	5.9847470654e+1
433.3	59.848851888	5.9848851888e+1
433.31	59.850233122	5.9850233122e+1
433.32	59.851614355	5.9851614355e+1
433.33	59.852995589	5.9852995589e+1
433.34	59.854376822	5.9854376822e+1

433.35	59.855758056	5.9855758056e+1
433.36	59.85713929	5.985713929e+1
433.37	59.858520523	5.9858520523e+1
433.38	59.859901757	5.9859901757e+1
433.39	59.86128299	5.986128299e+1
433.4	59.862664224	5.9862664224e+1
433.41	59.864045458	5.9864045458e+1
433.42	59.865426691	5.9865426691e+1
433.43	59.866807925	5.9866807925e+1
433.44	59.868189158	5.9868189158e+1
433.45	59.869570392	5.9869570392e+1
433.46	59.870951626	5.9870951626e+1
433.47	59.872332859	5.9872332859e+1
433.48	59.873714093	5.9873714093e+1
433.49	59.875095326	5.9875095326e+1
433.5	59.87647656	5.987647656e+1
433.51	59.877857794	5.9877857794e+1
433.52	59.879239027	5.9879239027e+1
433.53	59.880620261	5.9880620261e+1
433.54	59.882001494	5.9882001494e+1
433.55	59.883382728	5.9883382728e+1
433.56	59.884763962	5.9884763962e+1
433.57	59.886145195	5.9886145195e+1
433.58	59.887526429	5.9887526429e+1
433.59	59.888907662	5.9888907662e+1
433.6	59.890288896	5.9890288896e+1
433.61	59.89167013	5.989167013e+1
433.62	59.893051363	5.9893051363e+1
433.63	59.894432597	5.9894432597e+1
433.64	59.89581383	5.989581383e+1
433.65	59.897195064	5.9897195064e+1
433.66	59.898576298	5.9898576298e+1
433.67	59.899957531	5.9899957531e+1
433.68	59.901338765	5.9901338765e+1
433.69	59.902719998	5.9902719998e+1
433.7	59.904101232	5.9904101232e+1
433.71	59.905482466	5.9905482466e+1
433.72	59.906863699	5.9906863699e+1

433.73	59.908244933	5.9908244933e+1
433.74	59.909626166	5.9909626166e+1
433.75	59.9110074	5.99110074e+1
433.76	59.912388634	5.9912388634e+1
433.77	59.913769867	5.9913769867e+1
433.78	59.915151101	5.9915151101e+1
433.79	59.916532334	5.9916532334e+1
433.8	59.917913568	5.9917913568e+1
433.81	59.919294802	5.9919294802e+1
433.82	59.920676035	5.9920676035e+1
433.83	59.922057269	5.9922057269e+1
433.84	59.923438502	5.9923438502e+1
433.85	59.924819736	5.9924819736e+1
433.86	59.92620097	5.992620097e+1
433.87	59.927582203	5.9927582203e+1
433.88	59.928963437	5.9928963437e+1
433.89	59.93034467	5.993034467e+1
433.9	59.931725904	5.9931725904e+1
433.91	59.933107138	5.9933107138e+1
433.92	59.934488371	5.9934488371e+1
433.93	59.935869605	5.9935869605e+1
433.94	59.937250838	5.9937250838e+1
433.95	59.938632072	5.9938632072e+1
433.96	59.940013306	5.9940013306e+1
433.97	59.941394539	5.9941394539e+1
433.98	59.942775773	5.9942775773e+1
433.99	59.944157006	5.9944157006e+1
434	59.94553824	5.994553824e+1
434.01	59.946919474	5.9946919474e+1
434.02	59.948300707	5.9948300707e+1
434.03	59.949681941	5.9949681941e+1
434.04	59.951063174	5.9951063174e+1
434.05	59.952444408	5.9952444408e+1
434.06	59.953825642	5.9953825642e+1
434.07	59.955206875	5.9955206875e+1
434.08	59.956588109	5.9956588109e+1
434.09	59.957969342	5.9957969342e+1
434.1	59.959350576	5.9959350576e+1

434.11	59.96073181	5.996073181e+1
434.12	59.962113043	5.9962113043e+1
434.13	59.963494277	5.9963494277e+1
434.14	59.96487551	5.996487551e+1
434.15	59.966256744	5.9966256744e+1
434.16	59.967637978	5.9967637978e+1
434.17	59.969019211	5.9969019211e+1
434.18	59.970400445	5.9970400445e+1
434.19	59.971781678	5.9971781678e+1
434.2	59.973162912	5.9973162912e+1
434.21	59.974544146	5.9974544146e+1
434.22	59.975925379	5.9975925379e+1
434.23	59.977306613	5.9977306613e+1
434.24	59.978687846	5.9978687846e+1
434.25	59.98006908	5.998006908e+1
434.26	59.981450314	5.9981450314e+1
434.27	59.982831547	5.9982831547e+1
434.28	59.984212781	5.9984212781e+1
434.29	59.985594014	5.9985594014e+1
434.3	59.986975248	5.9986975248e+1
434.31	59.988356482	5.9988356482e+1
434.32	59.989737715	5.9989737715e+1
434.33	59.991118949	5.9991118949e+1
434.34	59.992500182	5.9992500182e+1
434.35	59.993881416	5.9993881416e+1
434.36	59.99526265	5.999526265e+1
434.37	59.996643883	5.9996643883e+1
434.38	59.998025117	5.9998025117e+1
434.39	59.99940635	5.999940635e+1
434.4	60.000787584	6.0000787584e+1
434.41	60.002168818	6.0002168818e+1
434.42	60.003550051	6.0003550051e+1
434.43	60.004931285	6.0004931285e+1
434.44	60.006312518	6.0006312518e+1
434.45	60.007693752	6.0007693752e+1
434.46	60.009074986	6.0009074986e+1
434.47	60.010456219	6.0010456219e+1
434.48	60.011837453	6.0011837453e+1

434.49	60.013218686	6.0013218686e+1
434.5	60.01459992	6.001459992e+1
434.51	60.015981154	6.0015981154e+1
434.52	60.017362387	6.0017362387e+1
434.53	60.018743621	6.0018743621e+1
434.54	60.020124854	6.0020124854e+1
434.55	60.021506088	6.0021506088e+1
434.56	60.022887322	6.0022887322e+1
434.57	60.024268555	6.0024268555e+1
434.58	60.025649789	6.0025649789e+1
434.59	60.027031022	6.0027031022e+1
434.6	60.028412256	6.0028412256e+1
434.61	60.02979349	6.002979349e+1
434.62	60.031174723	6.0031174723e+1
434.63	60.032555957	6.0032555957e+1
434.64	60.03393719	6.003393719e+1
434.65	60.035318424	6.0035318424e+1
434.66	60.036699658	6.0036699658e+1
434.67	60.038080891	6.0038080891e+1
434.68	60.039462125	6.0039462125e+1
434.69	60.040843358	6.0040843358e+1
434.7	60.042224592	6.0042224592e+1
434.71	60.043605826	6.0043605826e+1
434.72	60.044987059	6.0044987059e+1
434.73	60.046368293	6.0046368293e+1
434.74	60.047749526	6.0047749526e+1
434.75	60.04913076	6.004913076e+1
434.76	60.050511994	6.0050511994e+1
434.77	60.051893227	6.0051893227e+1
434.78	60.053274461	6.0053274461e+1
434.79	60.054655694	6.0054655694e+1
434.8	60.056036928	6.0056036928e+1
434.81	60.057418162	6.0057418162e+1
434.82	60.058799395	6.0058799395e+1
434.83	60.060180629	6.0060180629e+1
434.84	60.061561862	6.0061561862e+1
434.85	60.062943096	6.0062943096e+1
434.86	60.06432433	6.006432433e+1

434.87	60.065705563	6.0065705563e+1
434.88	60.067086797	6.0067086797e+1
434.89	60.06846803	6.006846803e+1
434.9	60.069849264	6.0069849264e+1
434.91	60.071230498	6.0071230498e+1
434.92	60.072611731	6.0072611731e+1
434.93	60.073992965	6.0073992965e+1
434.94	60.075374198	6.0075374198e+1
434.95	60.076755432	6.0076755432e+1
434.96	60.078136666	6.0078136666e+1
434.97	60.079517899	6.0079517899e+1
434.98	60.080899133	6.0080899133e+1
434.99	60.082280366	6.0082280366e+1
435	60.0836616	6.00836616e+1
435.01	60.085042834	6.0085042834e+1
435.02	60.086424067	6.0086424067e+1
435.03	60.087805301	6.0087805301e+1
435.04	60.089186534	6.0089186534e+1
435.05	60.090567768	6.0090567768e+1
435.06	60.091949002	6.0091949002e+1
435.07	60.093330235	6.0093330235e+1
435.08	60.094711469	6.0094711469e+1
435.09	60.096092702	6.0096092702e+1
435.1	60.097473936	6.0097473936e+1
435.11	60.09885517	6.009885517e+1
435.12	60.100236403	6.0100236403e+1
435.13	60.101617637	6.0101617637e+1
435.14	60.10299887	6.010299887e+1
435.15	60.104380104	6.0104380104e+1
435.16	60.105761338	6.0105761338e+1
435.17	60.107142571	6.0107142571e+1
435.18	60.108523805	6.0108523805e+1
435.19	60.109905038	6.0109905038e+1
435.2	60.111286272	6.0111286272e+1
435.21	60.112667506	6.0112667506e+1
435.22	60.114048739	6.0114048739e+1
435.23	60.115429973	6.0115429973e+1
435.24	60.116811206	6.0116811206e+1

435.25	60.11819244	6.011819244e+1
435.26	60.119573674	6.0119573674e+1
435.27	60.120954907	6.0120954907e+1
435.28	60.122336141	6.0122336141e+1
435.29	60.123717374	6.0123717374e+1
435.3	60.125098608	6.0125098608e+1
435.31	60.126479842	6.0126479842e+1
435.32	60.127861075	6.0127861075e+1
435.33	60.129242309	6.0129242309e+1
435.34	60.130623542	6.0130623542e+1
435.35	60.132004776	6.0132004776e+1
435.36	60.13338601	6.013338601e+1
435.37	60.134767243	6.0134767243e+1
435.38	60.136148477	6.0136148477e+1
435.39	60.13752971	6.013752971e+1
435.4	60.138910944	6.0138910944e+1
435.41	60.140292178	6.0140292178e+1
435.42	60.141673411	6.0141673411e+1
435.43	60.143054645	6.0143054645e+1
435.44	60.144435878	6.0144435878e+1
435.45	60.145817112	6.0145817112e+1
435.46	60.147198346	6.0147198346e+1
435.47	60.148579579	6.0148579579e+1
435.48	60.149960813	6.0149960813e+1
435.49	60.151342046	6.0151342046e+1
435.5	60.15272328	6.015272328e+1
435.51	60.154104514	6.0154104514e+1
435.52	60.155485747	6.0155485747e+1
435.53	60.156866981	6.0156866981e+1
435.54	60.158248214	6.0158248214e+1
435.55	60.159629448	6.0159629448e+1
435.56	60.161010682	6.0161010682e+1
435.57	60.162391915	6.0162391915e+1
435.58	60.163773149	6.0163773149e+1
435.59	60.165154382	6.0165154382e+1
435.6	60.166535616	6.0166535616e+1
435.61	60.16791685	6.016791685e+1
435.62	60.169298083	6.0169298083e+1

435.63	60.170679317	6.0170679317e+1
435.64	60.17206055	6.017206055e+1
435.65	60.173441784	6.0173441784e+1
435.66	60.174823018	6.0174823018e+1
435.67	60.176204251	6.0176204251e+1
435.68	60.177585485	6.0177585485e+1
435.69	60.178966718	6.0178966718e+1
435.7	60.180347952	6.0180347952e+1
435.71	60.181729186	6.0181729186e+1
435.72	60.183110419	6.0183110419e+1
435.73	60.184491653	6.0184491653e+1
435.74	60.185872886	6.0185872886e+1
435.75	60.18725412	6.018725412e+1
435.76	60.188635354	6.0188635354e+1
435.77	60.190016587	6.0190016587e+1
435.78	60.191397821	6.0191397821e+1
435.79	60.192779054	6.0192779054e+1
435.8	60.194160288	6.0194160288e+1
435.81	60.195541522	6.0195541522e+1
435.82	60.196922755	6.0196922755e+1
435.83	60.198303989	6.0198303989e+1
435.84	60.199685222	6.0199685222e+1
435.85	60.201066456	6.0201066456e+1
435.86	60.20244769	6.020244769e+1
435.87	60.203828923	6.0203828923e+1
435.88	60.205210157	6.0205210157e+1
435.89	60.20659139	6.020659139e+1
435.9	60.207972624	6.0207972624e+1
435.91	60.209353858	6.0209353858e+1
435.92	60.210735091	6.0210735091e+1
435.93	60.212116325	6.0212116325e+1
435.94	60.213497558	6.0213497558e+1
435.95	60.214878792	6.0214878792e+1
435.96	60.216260026	6.0216260026e+1
435.97	60.217641259	6.0217641259e+1
435.98	60.219022493	6.0219022493e+1
435.99	60.220403726	6.0220403726e+1
436	60.22178496	6.022178496e+1

436.01	60.223166194	6.0223166194e+1
436.02	60.224547427	6.0224547427e+1
436.03	60.225928661	6.0225928661e+1
436.04	60.227309894	6.0227309894e+1
436.05	60.228691128	6.0228691128e+1
436.06	60.230072362	6.0230072362e+1
436.07	60.231453595	6.0231453595e+1
436.08	60.232834829	6.0232834829e+1
436.09	60.234216062	6.0234216062e+1
436.1	60.235597296	6.0235597296e+1
436.11	60.23697853	6.023697853e+1
436.12	60.238359763	6.0238359763e+1
436.13	60.239740997	6.0239740997e+1
436.14	60.24112223	6.024112223e+1
436.15	60.242503464	6.0242503464e+1
436.16	60.243884698	6.0243884698e+1
436.17	60.245265931	6.0245265931e+1
436.18	60.246647165	6.0246647165e+1
436.19	60.248028398	6.0248028398e+1
436.2	60.249409632	6.0249409632e+1
436.21	60.250790866	6.0250790866e+1
436.22	60.252172099	6.0252172099e+1
436.23	60.253553333	6.0253553333e+1
436.24	60.254934566	6.0254934566e+1
436.25	60.2563158	6.02563158e+1
436.26	60.257697034	6.0257697034e+1
436.27	60.259078267	6.0259078267e+1
436.28	60.260459501	6.0260459501e+1
436.29	60.261840734	6.0261840734e+1
436.3	60.263221968	6.0263221968e+1
436.31	60.264603202	6.0264603202e+1
436.32	60.265984435	6.0265984435e+1
436.33	60.267365669	6.0267365669e+1
436.34	60.268746902	6.0268746902e+1
436.35	60.270128136	6.0270128136e+1
436.36	60.27150937	6.027150937e+1
436.37	60.272890603	6.0272890603e+1
436.38	60.274271837	6.0274271837e+1

436.39	60.27565307	6.027565307e+1
436.4	60.277034304	6.0277034304e+1
436.41	60.278415538	6.0278415538e+1
436.42	60.279796771	6.0279796771e+1
436.43	60.281178005	6.0281178005e+1
436.44	60.282559238	6.0282559238e+1
436.45	60.283940472	6.0283940472e+1
436.46	60.285321706	6.0285321706e+1
436.47	60.286702939	6.0286702939e+1
436.48	60.288084173	6.0288084173e+1
436.49	60.289465406	6.0289465406e+1
436.5	60.29084664	6.029084664e+1
436.51	60.292227874	6.0292227874e+1
436.52	60.293609107	6.0293609107e+1
436.53	60.294990341	6.0294990341e+1
436.54	60.296371574	6.0296371574e+1
436.55	60.297752808	6.0297752808e+1
436.56	60.299134042	6.0299134042e+1
436.57	60.300515275	6.0300515275e+1
436.58	60.301896509	6.0301896509e+1
436.59	60.303277742	6.0303277742e+1
436.6	60.304658976	6.0304658976e+1
436.61	60.30604021	6.030604021e+1
436.62	60.307421443	6.0307421443e+1
436.63	60.308802677	6.0308802677e+1
436.64	60.31018391	6.031018391e+1
436.65	60.311565144	6.0311565144e+1
436.66	60.312946378	6.0312946378e+1
436.67	60.314327611	6.0314327611e+1
436.68	60.315708845	6.0315708845e+1
436.69	60.317090078	6.0317090078e+1
436.7	60.318471312	6.0318471312e+1
436.71	60.319852546	6.0319852546e+1
436.72	60.321233779	6.0321233779e+1
436.73	60.322615013	6.0322615013e+1
436.74	60.323996246	6.0323996246e+1
436.75	60.32537748	6.032537748e+1
436.76	60.326758714	6.0326758714e+1

436.77	60.328139947	6.0328139947e+1
436.78	60.329521181	6.0329521181e+1
436.79	60.330902414	6.0330902414e+1
436.8	60.332283648	6.0332283648e+1
436.81	60.333664882	6.0333664882e+1
436.82	60.335046115	6.0335046115e+1
436.83	60.336427349	6.0336427349e+1
436.84	60.337808582	6.0337808582e+1
436.85	60.339189816	6.0339189816e+1
436.86	60.34057105	6.034057105e+1
436.87	60.341952283	6.0341952283e+1
436.88	60.343333517	6.0343333517e+1
436.89	60.34471475	6.034471475e+1
436.9	60.346095984	6.0346095984e+1
436.91	60.347477218	6.0347477218e+1
436.92	60.348858451	6.0348858451e+1
436.93	60.350239685	6.0350239685e+1
436.94	60.351620918	6.0351620918e+1
436.95	60.353002152	6.0353002152e+1
436.96	60.354383386	6.0354383386e+1
436.97	60.355764619	6.0355764619e+1
436.98	60.357145853	6.0357145853e+1
436.99	60.358527086	6.0358527086e+1
437	60.35990832	6.035990832e+1
437.01	60.361289554	6.0361289554e+1
437.02	60.362670787	6.0362670787e+1
437.03	60.364052021	6.0364052021e+1
437.04	60.365433254	6.0365433254e+1
437.05	60.366814488	6.0366814488e+1
437.06	60.368195722	6.0368195722e+1
437.07	60.369576955	6.0369576955e+1
437.08	60.370958189	6.0370958189e+1
437.09	60.372339422	6.0372339422e+1
437.1	60.373720656	6.0373720656e+1
437.11	60.37510189	6.037510189e+1
437.12	60.376483123	6.0376483123e+1
437.13	60.377864357	6.0377864357e+1
437.14	60.37924559	6.037924559e+1

437.15	60.380626824	6.0380626824e+1
437.16	60.382008058	6.0382008058e+1
437.17	60.383389291	6.0383389291e+1
437.18	60.384770525	6.0384770525e+1
437.19	60.386151758	6.0386151758e+1
437.2	60.387532992	6.0387532992e+1
437.21	60.388914226	6.0388914226e+1
437.22	60.390295459	6.0390295459e+1
437.23	60.391676693	6.0391676693e+1
437.24	60.393057926	6.0393057926e+1
437.25	60.39443916	6.039443916e+1
437.26	60.395820394	6.0395820394e+1
437.27	60.397201627	6.0397201627e+1
437.28	60.398582861	6.0398582861e+1
437.29	60.399964094	6.0399964094e+1
437.3	60.401345328	6.0401345328e+1
437.31	60.402726562	6.0402726562e+1
437.32	60.404107795	6.0404107795e+1
437.33	60.405489029	6.0405489029e+1
437.34	60.406870262	6.0406870262e+1
437.35	60.408251496	6.0408251496e+1
437.36	60.40963273	6.040963273e+1
437.37	60.411013963	6.0411013963e+1
437.38	60.412395197	6.0412395197e+1
437.39	60.41377643	6.041377643e+1
437.4	60.415157664	6.0415157664e+1
437.41	60.416538898	6.0416538898e+1
437.42	60.417920131	6.0417920131e+1
437.43	60.419301365	6.0419301365e+1
437.44	60.420682598	6.0420682598e+1
437.45	60.422063832	6.0422063832e+1
437.46	60.423445066	6.0423445066e+1
437.47	60.424826299	6.0424826299e+1
437.48	60.426207533	6.0426207533e+1
437.49	60.427588766	6.0427588766e+1
437.5	60.42897	6.042897e+1
437.51	60.430351234	6.0430351234e+1
437.52	60.431732467	6.0431732467e+1

437.53	60.433113701	6.0433113701e+1
437.54	60.434494934	6.0434494934e+1
437.55	60.435876168	6.0435876168e+1
437.56	60.437257402	6.0437257402e+1
437.57	60.438638635	6.0438638635e+1
437.58	60.440019869	6.0440019869e+1
437.59	60.441401102	6.0441401102e+1
437.6	60.442782336	6.0442782336e+1
437.61	60.44416357	6.044416357e+1
437.62	60.445544803	6.0445544803e+1
437.63	60.446926037	6.0446926037e+1
437.64	60.44830727	6.044830727e+1
437.65	60.449688504	6.0449688504e+1
437.66	60.451069738	6.0451069738e+1
437.67	60.452450971	6.0452450971e+1
437.68	60.453832205	6.0453832205e+1
437.69	60.455213438	6.0455213438e+1
437.7	60.456594672	6.0456594672e+1
437.71	60.457975906	6.0457975906e+1
437.72	60.459357139	6.0459357139e+1
437.73	60.460738373	6.0460738373e+1
437.74	60.462119606	6.0462119606e+1
437.75	60.46350084	6.046350084e+1
437.76	60.464882074	6.0464882074e+1
437.77	60.466263307	6.0466263307e+1
437.78	60.467644541	6.0467644541e+1
437.79	60.469025774	6.0469025774e+1
437.8	60.470407008	6.0470407008e+1
437.81	60.471788242	6.0471788242e+1
437.82	60.473169475	6.0473169475e+1
437.83	60.474550709	6.0474550709e+1
437.84	60.475931942	6.0475931942e+1
437.85	60.477313176	6.0477313176e+1
437.86	60.47869441	6.047869441e+1
437.87	60.480075643	6.0480075643e+1
437.88	60.481456877	6.0481456877e+1
437.89	60.48283811	6.048283811e+1
437.9	60.484219344	6.0484219344e+1

437.91	60.485600578	6.0485600578e+1
437.92	60.486981811	6.0486981811e+1
437.93	60.488363045	6.0488363045e+1
437.94	60.489744278	6.0489744278e+1
437.95	60.491125512	6.0491125512e+1
437.96	60.492506746	6.0492506746e+1
437.97	60.493887979	6.0493887979e+1
437.98	60.495269213	6.0495269213e+1
437.99	60.496650446	6.0496650446e+1
438	60.49803168	6.049803168e+1
438.01	60.499412914	6.0499412914e+1
438.02	60.500794147	6.0500794147e+1
438.03	60.502175381	6.0502175381e+1
438.04	60.503556614	6.0503556614e+1
438.05	60.504937848	6.0504937848e+1
438.06	60.506319082	6.0506319082e+1
438.07	60.507700315	6.0507700315e+1
438.08	60.509081549	6.0509081549e+1
438.09	60.510462782	6.0510462782e+1
438.1	60.511844016	6.0511844016e+1
438.11	60.51322525	6.051322525e+1
438.12	60.514606483	6.0514606483e+1
438.13	60.515987717	6.0515987717e+1
438.14	60.51736895	6.051736895e+1
438.15	60.518750184	6.0518750184e+1
438.16	60.520131418	6.0520131418e+1
438.17	60.521512651	6.0521512651e+1
438.18	60.522893885	6.0522893885e+1
438.19	60.524275118	6.0524275118e+1
438.2	60.525656352	6.0525656352e+1
438.21	60.527037586	6.0527037586e+1
438.22	60.528418819	6.0528418819e+1
438.23	60.529800053	6.0529800053e+1
438.24	60.531181286	6.0531181286e+1
438.25	60.53256252	6.053256252e+1
438.26	60.533943754	6.0533943754e+1
438.27	60.535324987	6.0535324987e+1
438.28	60.536706221	6.0536706221e+1

438.29	60.538087454	6.0538087454e+1
438.3	60.539468688	6.0539468688e+1
438.31	60.540849922	6.0540849922e+1
438.32	60.542231155	6.0542231155e+1
438.33	60.543612389	6.0543612389e+1
438.34	60.544993622	6.0544993622e+1
438.35	60.546374856	6.0546374856e+1
438.36	60.54775609	6.054775609e+1
438.37	60.549137323	6.0549137323e+1
438.38	60.550518557	6.0550518557e+1
438.39	60.55189979	6.055189979e+1
438.4	60.553281024	6.0553281024e+1
438.41	60.554662258	6.0554662258e+1
438.42	60.556043491	6.0556043491e+1
438.43	60.557424725	6.0557424725e+1
438.44	60.558805958	6.0558805958e+1
438.45	60.560187192	6.0560187192e+1
438.46	60.561568426	6.0561568426e+1
438.47	60.562949659	6.0562949659e+1
438.48	60.564330893	6.0564330893e+1
438.49	60.565712126	6.0565712126e+1
438.5	60.56709336	6.056709336e+1
438.51	60.568474594	6.0568474594e+1
438.52	60.569855827	6.0569855827e+1
438.53	60.571237061	6.0571237061e+1
438.54	60.572618294	6.0572618294e+1
438.55	60.573999528	6.0573999528e+1
438.56	60.575380762	6.0575380762e+1
438.57	60.576761995	6.0576761995e+1
438.58	60.578143229	6.0578143229e+1
438.59	60.579524462	6.0579524462e+1
438.6	60.580905696	6.0580905696e+1
438.61	60.58228693	6.058228693e+1
438.62	60.583668163	6.0583668163e+1
438.63	60.585049397	6.0585049397e+1
438.64	60.58643063	6.058643063e+1
438.65	60.587811864	6.0587811864e+1
438.66	60.589193098	6.0589193098e+1

438.67	60.590574331	6.0590574331e+1
438.68	60.591955565	6.0591955565e+1
438.69	60.593336798	6.0593336798e+1
438.7	60.594718032	6.0594718032e+1
438.71	60.596099266	6.0596099266e+1
438.72	60.597480499	6.0597480499e+1
438.73	60.598861733	6.0598861733e+1
438.74	60.600242966	6.0600242966e+1
438.75	60.6016242	6.06016242e+1
438.76	60.603005434	6.0603005434e+1
438.77	60.604386667	6.0604386667e+1
438.78	60.605767901	6.0605767901e+1
438.79	60.607149134	6.0607149134e+1
438.8	60.608530368	6.0608530368e+1
438.81	60.609911602	6.0609911602e+1
438.82	60.611292835	6.0611292835e+1
438.83	60.612674069	6.0612674069e+1
438.84	60.614055302	6.0614055302e+1
438.85	60.615436536	6.0615436536e+1
438.86	60.61681777	6.061681777e+1
438.87	60.618199003	6.0618199003e+1
438.88	60.619580237	6.0619580237e+1
438.89	60.62096147	6.062096147e+1
438.9	60.622342704	6.0622342704e+1
438.91	60.623723938	6.0623723938e+1
438.92	60.625105171	6.0625105171e+1
438.93	60.626486405	6.0626486405e+1
438.94	60.627867638	6.0627867638e+1
438.95	60.629248872	6.0629248872e+1
438.96	60.630630106	6.0630630106e+1
438.97	60.632011339	6.0632011339e+1
438.98	60.633392573	6.0633392573e+1
438.99	60.634773806	6.0634773806e+1
439	60.63615504	6.063615504e+1
439.01	60.637536274	6.0637536274e+1
439.02	60.638917507	6.0638917507e+1
439.03	60.640298741	6.0640298741e+1
439.04	60.641679974	6.0641679974e+1

439.05	60.643061208	6.0643061208e+1
439.06	60.644442442	6.0644442442e+1
439.07	60.645823675	6.0645823675e+1
439.08	60.647204909	6.0647204909e+1
439.09	60.648586142	6.0648586142e+1
439.1	60.649967376	6.0649967376e+1
439.11	60.65134861	6.065134861e+1
439.12	60.652729843	6.0652729843e+1
439.13	60.654111077	6.0654111077e+1
439.14	60.65549231	6.065549231e+1
439.15	60.656873544	6.0656873544e+1
439.16	60.658254778	6.0658254778e+1
439.17	60.659636011	6.0659636011e+1
439.18	60.661017245	6.0661017245e+1
439.19	60.662398478	6.0662398478e+1
439.2	60.663779712	6.0663779712e+1
439.21	60.665160946	6.0665160946e+1
439.22	60.666542179	6.0666542179e+1
439.23	60.667923413	6.0667923413e+1
439.24	60.669304646	6.0669304646e+1
439.25	60.67068588	6.067068588e+1
439.26	60.672067114	6.0672067114e+1
439.27	60.673448347	6.0673448347e+1
439.28	60.674829581	6.0674829581e+1
439.29	60.676210814	6.0676210814e+1
439.3	60.677592048	6.0677592048e+1
439.31	60.678973282	6.0678973282e+1
439.32	60.680354515	6.0680354515e+1
439.33	60.681735749	6.0681735749e+1
439.34	60.683116982	6.0683116982e+1
439.35	60.684498216	6.0684498216e+1
439.36	60.68587945	6.068587945e+1
439.37	60.687260683	6.0687260683e+1
439.38	60.688641917	6.0688641917e+1
439.39	60.69002315	6.069002315e+1
439.4	60.691404384	6.0691404384e+1
439.41	60.692785618	6.0692785618e+1
439.42	60.694166851	6.0694166851e+1

439.43	60.695548085	6.0695548085e+1
439.44	60.696929318	6.0696929318e+1
439.45	60.698310552	6.0698310552e+1
439.46	60.699691786	6.0699691786e+1
439.47	60.701073019	6.0701073019e+1
439.48	60.702454253	6.0702454253e+1
439.49	60.703835486	6.0703835486e+1
439.5	60.70521672	6.070521672e+1
439.51	60.706597954	6.0706597954e+1
439.52	60.707979187	6.0707979187e+1
439.53	60.709360421	6.0709360421e+1
439.54	60.710741654	6.0710741654e+1
439.55	60.712122888	6.0712122888e+1
439.56	60.713504122	6.0713504122e+1
439.57	60.714885355	6.0714885355e+1
439.58	60.716266589	6.0716266589e+1
439.59	60.717647822	6.0717647822e+1
439.6	60.719029056	6.0719029056e+1
439.61	60.72041029	6.072041029e+1
439.62	60.721791523	6.0721791523e+1
439.63	60.723172757	6.0723172757e+1
439.64	60.72455399	6.072455399e+1
439.65	60.725935224	6.0725935224e+1
439.66	60.727316458	6.0727316458e+1
439.67	60.728697691	6.0728697691e+1
439.68	60.730078925	6.0730078925e+1
439.69	60.731460158	6.0731460158e+1
439.7	60.732841392	6.0732841392e+1
439.71	60.734222626	6.0734222626e+1
439.72	60.735603859	6.0735603859e+1
439.73	60.736985093	6.0736985093e+1
439.74	60.738366326	6.0738366326e+1
439.75	60.73974756	6.073974756e+1
439.76	60.741128794	6.0741128794e+1
439.77	60.742510027	6.0742510027e+1
439.78	60.743891261	6.0743891261e+1
439.79	60.745272494	6.0745272494e+1
439.8	60.746653728	6.0746653728e+1

439.81	60.748034962	6.0748034962e+1
439.82	60.749416195	6.0749416195e+1
439.83	60.750797429	6.0750797429e+1
439.84	60.752178662	6.0752178662e+1
439.85	60.753559896	6.0753559896e+1
439.86	60.75494113	6.075494113e+1
439.87	60.756322363	6.0756322363e+1
439.88	60.757703597	6.0757703597e+1
439.89	60.75908483	6.075908483e+1
439.9	60.760466064	6.0760466064e+1
439.91	60.761847298	6.0761847298e+1
439.92	60.763228531	6.0763228531e+1
439.93	60.764609765	6.0764609765e+1
439.94	60.765990998	6.0765990998e+1
439.95	60.767372232	6.0767372232e+1
439.96	60.768753466	6.0768753466e+1
439.97	60.770134699	6.0770134699e+1
439.98	60.771515933	6.0771515933e+1
439.99	60.772897166	6.0772897166e+1
440	60.7742784	6.07742784e+1
440.01	60.775659634	6.0775659634e+1
440.02	60.777040867	6.0777040867e+1
440.03	60.778422101	6.0778422101e+1
440.04	60.779803334	6.0779803334e+1
440.05	60.781184568	6.0781184568e+1
440.06	60.782565802	6.0782565802e+1
440.07	60.783947035	6.0783947035e+1
440.08	60.785328269	6.0785328269e+1
440.09	60.786709502	6.0786709502e+1
440.1	60.788090736	6.0788090736e+1
440.11	60.78947197	6.078947197e+1
440.12	60.790853203	6.0790853203e+1
440.13	60.792234437	6.0792234437e+1
440.14	60.79361567	6.079361567e+1
440.15	60.794996904	6.0794996904e+1
440.16	60.796378138	6.0796378138e+1
440.17	60.797759371	6.0797759371e+1
440.18	60.799140605	6.0799140605e+1

440.19	60.800521838	6.0800521838e+1
440.2	60.801903072	6.0801903072e+1
440.21	60.803284306	6.0803284306e+1
440.22	60.804665539	6.0804665539e+1
440.23	60.806046773	6.0806046773e+1
440.24	60.807428006	6.0807428006e+1
440.25	60.80880924	6.080880924e+1
440.26	60.810190474	6.0810190474e+1
440.27	60.811571707	6.0811571707e+1
440.28	60.812952941	6.0812952941e+1
440.29	60.814334174	6.0814334174e+1
440.3	60.815715408	6.0815715408e+1
440.31	60.817096642	6.0817096642e+1
440.32	60.818477875	6.0818477875e+1
440.33	60.819859109	6.0819859109e+1
440.34	60.821240342	6.0821240342e+1
440.35	60.822621576	6.0822621576e+1
440.36	60.82400281	6.082400281e+1
440.37	60.825384043	6.0825384043e+1
440.38	60.826765277	6.0826765277e+1
440.39	60.82814651	6.082814651e+1
440.4	60.829527744	6.0829527744e+1
440.41	60.830908978	6.0830908978e+1
440.42	60.832290211	6.0832290211e+1
440.43	60.833671445	6.0833671445e+1
440.44	60.835052678	6.0835052678e+1
440.45	60.836433912	6.0836433912e+1
440.46	60.837815146	6.0837815146e+1
440.47	60.839196379	6.0839196379e+1
440.48	60.840577613	6.0840577613e+1
440.49	60.841958846	6.0841958846e+1
440.5	60.84334008	6.084334008e+1
440.51	60.844721314	6.0844721314e+1
440.52	60.846102547	6.0846102547e+1
440.53	60.847483781	6.0847483781e+1
440.54	60.848865014	6.0848865014e+1
440.55	60.850246248	6.0850246248e+1
440.56	60.851627482	6.0851627482e+1

440.57	60.853008715	6.0853008715e+1
440.58	60.854389949	6.0854389949e+1
440.59	60.855771182	6.0855771182e+1
440.6	60.857152416	6.0857152416e+1
440.61	60.85853365	6.085853365e+1
440.62	60.859914883	6.0859914883e+1
440.63	60.861296117	6.0861296117e+1
440.64	60.86267735	6.086267735e+1
440.65	60.864058584	6.0864058584e+1
440.66	60.865439818	6.0865439818e+1
440.67	60.866821051	6.0866821051e+1
440.68	60.868202285	6.0868202285e+1
440.69	60.869583518	6.0869583518e+1
440.7	60.870964752	6.0870964752e+1
440.71	60.872345986	6.0872345986e+1
440.72	60.873727219	6.0873727219e+1
440.73	60.875108453	6.0875108453e+1
440.74	60.876489686	6.0876489686e+1
440.75	60.87787092	6.087787092e+1
440.76	60.879252154	6.0879252154e+1
440.77	60.880633387	6.0880633387e+1
440.78	60.882014621	6.0882014621e+1
440.79	60.883395854	6.0883395854e+1
440.8	60.884777088	6.0884777088e+1
440.81	60.886158322	6.0886158322e+1
440.82	60.887539555	6.0887539555e+1
440.83	60.888920789	6.0888920789e+1
440.84	60.890302022	6.0890302022e+1
440.85	60.891683256	6.0891683256e+1
440.86	60.89306449	6.089306449e+1
440.87	60.894445723	6.0894445723e+1
440.88	60.895826957	6.0895826957e+1
440.89	60.89720819	6.089720819e+1
440.9	60.898589424	6.0898589424e+1
440.91	60.899970658	6.0899970658e+1
440.92	60.901351891	6.0901351891e+1
440.93	60.902733125	6.0902733125e+1
440.94	60.904114358	6.0904114358e+1

440.95	60.905495592	6.0905495592e+1
440.96	60.906876826	6.0906876826e+1
440.97	60.908258059	6.0908258059e+1
440.98	60.909639293	6.0909639293e+1
440.99	60.911020526	6.0911020526e+1
441	60.91240176	6.091240176e+1
441.01	60.913782994	6.0913782994e+1
441.02	60.915164227	6.0915164227e+1
441.03	60.916545461	6.0916545461e+1
441.04	60.917926694	6.0917926694e+1
441.05	60.919307928	6.0919307928e+1
441.06	60.920689162	6.0920689162e+1
441.07	60.922070395	6.0922070395e+1
441.08	60.923451629	6.0923451629e+1
441.09	60.924832862	6.0924832862e+1
441.1	60.926214096	6.0926214096e+1
441.11	60.92759533	6.092759533e+1
441.12	60.928976563	6.0928976563e+1
441.13	60.930357797	6.0930357797e+1
441.14	60.93173903	6.093173903e+1
441.15	60.933120264	6.0933120264e+1
441.16	60.934501498	6.0934501498e+1
441.17	60.935882731	6.0935882731e+1
441.18	60.937263965	6.0937263965e+1
441.19	60.938645198	6.0938645198e+1
441.2	60.940026432	6.0940026432e+1
441.21	60.941407666	6.0941407666e+1
441.22	60.942788899	6.0942788899e+1
441.23	60.944170133	6.0944170133e+1
441.24	60.945551366	6.0945551366e+1
441.25	60.9469326	6.09469326e+1
441.26	60.948313834	6.0948313834e+1
441.27	60.949695067	6.0949695067e+1
441.28	60.951076301	6.0951076301e+1
441.29	60.952457534	6.0952457534e+1
441.3	60.953838768	6.0953838768e+1
441.31	60.955220002	6.0955220002e+1
441.32	60.956601235	6.0956601235e+1

441.33	60.957982469	6.0957982469e+1
441.34	60.959363702	6.0959363702e+1
441.35	60.960744936	6.0960744936e+1
441.36	60.96212617	6.096212617e+1
441.37	60.963507403	6.0963507403e+1
441.38	60.964888637	6.0964888637e+1
441.39	60.96626987	6.096626987e+1
441.4	60.967651104	6.0967651104e+1
441.41	60.969032338	6.0969032338e+1
441.42	60.970413571	6.0970413571e+1
441.43	60.971794805	6.0971794805e+1
441.44	60.973176038	6.0973176038e+1
441.45	60.974557272	6.0974557272e+1
441.46	60.975938506	6.0975938506e+1
441.47	60.977319739	6.0977319739e+1
441.48	60.978700973	6.0978700973e+1
441.49	60.980082206	6.0980082206e+1
441.5	60.98146344	6.098146344e+1
441.51	60.982844674	6.0982844674e+1
441.52	60.984225907	6.0984225907e+1
441.53	60.985607141	6.0985607141e+1
441.54	60.986988374	6.0986988374e+1
441.55	60.988369608	6.0988369608e+1
441.56	60.989750842	6.0989750842e+1
441.57	60.991132075	6.0991132075e+1
441.58	60.992513309	6.0992513309e+1
441.59	60.993894542	6.0993894542e+1
441.6	60.995275776	6.0995275776e+1
441.61	60.99665701	6.099665701e+1
441.62	60.998038243	6.0998038243e+1
441.63	60.999419477	6.0999419477e+1
441.64	61.00080071	6.100080071e+1
441.65	61.002181944	6.1002181944e+1
441.66	61.003563178	6.1003563178e+1
441.67	61.004944411	6.1004944411e+1
441.68	61.006325645	6.1006325645e+1
441.69	61.007706878	6.1007706878e+1
441.7	61.009088112	6.1009088112e+1

441.71	61.010469346	6.1010469346e+1
441.72	61.011850579	6.1011850579e+1
441.73	61.013231813	6.1013231813e+1
441.74	61.014613046	6.1014613046e+1
441.75	61.01599428	6.101599428e+1
441.76	61.017375514	6.1017375514e+1
441.77	61.018756747	6.1018756747e+1
441.78	61.020137981	6.1020137981e+1
441.79	61.021519214	6.1021519214e+1
441.8	61.022900448	6.1022900448e+1
441.81	61.024281682	6.1024281682e+1
441.82	61.025662915	6.1025662915e+1
441.83	61.027044149	6.1027044149e+1
441.84	61.028425382	6.1028425382e+1
441.85	61.029806616	6.1029806616e+1
441.86	61.03118785	6.103118785e+1
441.87	61.032569083	6.1032569083e+1
441.88	61.033950317	6.1033950317e+1
441.89	61.03533155	6.103533155e+1
441.9	61.036712784	6.1036712784e+1
441.91	61.038094018	6.1038094018e+1
441.92	61.039475251	6.1039475251e+1
441.93	61.040856485	6.1040856485e+1
441.94	61.042237718	6.1042237718e+1
441.95	61.043618952	6.1043618952e+1
441.96	61.045000186	6.1045000186e+1
441.97	61.046381419	6.1046381419e+1
441.98	61.047762653	6.1047762653e+1
441.99	61.049143886	6.1049143886e+1
442	61.05052512	6.105052512e+1
442.01	61.051906354	6.1051906354e+1
442.02	61.053287587	6.1053287587e+1
442.03	61.054668821	6.1054668821e+1
442.04	61.056050054	6.1056050054e+1
442.05	61.057431288	6.1057431288e+1
442.06	61.058812522	6.1058812522e+1
442.07	61.060193755	6.1060193755e+1
442.08	61.061574989	6.1061574989e+1

442.09	61.062956222	6.1062956222e+1
442.1	61.064337456	6.1064337456e+1
442.11	61.06571869	6.106571869e+1
442.12	61.067099923	6.1067099923e+1
442.13	61.068481157	6.1068481157e+1
442.14	61.06986239	6.106986239e+1
442.15	61.071243624	6.1071243624e+1
442.16	61.072624858	6.1072624858e+1
442.17	61.074006091	6.1074006091e+1
442.18	61.075387325	6.1075387325e+1
442.19	61.076768558	6.1076768558e+1
442.2	61.078149792	6.1078149792e+1
442.21	61.079531026	6.1079531026e+1
442.22	61.080912259	6.1080912259e+1
442.23	61.082293493	6.1082293493e+1
442.24	61.083674726	6.1083674726e+1
442.25	61.08505596	6.108505596e+1
442.26	61.086437194	6.1086437194e+1
442.27	61.087818427	6.1087818427e+1
442.28	61.089199661	6.1089199661e+1
442.29	61.090580894	6.1090580894e+1
442.3	61.091962128	6.1091962128e+1
442.31	61.093343362	6.1093343362e+1
442.32	61.094724595	6.1094724595e+1
442.33	61.096105829	6.1096105829e+1
442.34	61.097487062	6.1097487062e+1
442.35	61.098868296	6.1098868296e+1
442.36	61.10024953	6.110024953e+1
442.37	61.101630763	6.1101630763e+1
442.38	61.103011997	6.1103011997e+1
442.39	61.10439323	6.110439323e+1
442.4	61.105774464	6.1105774464e+1
442.41	61.107155698	6.1107155698e+1
442.42	61.108536931	6.1108536931e+1
442.43	61.109918165	6.1109918165e+1
442.44	61.111299398	6.1111299398e+1
442.45	61.112680632	6.1112680632e+1
442.46	61.114061866	6.1114061866e+1

442.47	61.115443099	6.1115443099e+1
442.48	61.116824333	6.1116824333e+1
442.49	61.118205566	6.1118205566e+1
442.5	61.1195868	6.11195868e+1
442.51	61.120968034	6.1120968034e+1
442.52	61.122349267	6.1122349267e+1
442.53	61.123730501	6.1123730501e+1
442.54	61.125111734	6.1125111734e+1
442.55	61.126492968	6.1126492968e+1
442.56	61.127874202	6.1127874202e+1
442.57	61.129255435	6.1129255435e+1
442.58	61.130636669	6.1130636669e+1
442.59	61.132017902	6.1132017902e+1
442.6	61.133399136	6.1133399136e+1
442.61	61.13478037	6.113478037e+1
442.62	61.136161603	6.1136161603e+1
442.63	61.137542837	6.1137542837e+1
442.64	61.13892407	6.113892407e+1
442.65	61.140305304	6.1140305304e+1
442.66	61.141686538	6.1141686538e+1
442.67	61.143067771	6.1143067771e+1
442.68	61.144449005	6.1144449005e+1
442.69	61.145830238	6.1145830238e+1
442.7	61.147211472	6.1147211472e+1
442.71	61.148592706	6.1148592706e+1
442.72	61.149973939	6.1149973939e+1
442.73	61.151355173	6.1151355173e+1
442.74	61.152736406	6.1152736406e+1
442.75	61.15411764	6.115411764e+1
442.76	61.155498874	6.1155498874e+1
442.77	61.156880107	6.1156880107e+1
442.78	61.158261341	6.1158261341e+1
442.79	61.159642574	6.1159642574e+1
442.8	61.161023808	6.1161023808e+1
442.81	61.162405042	6.1162405042e+1
442.82	61.163786275	6.1163786275e+1
442.83	61.165167509	6.1165167509e+1
442.84	61.166548742	6.1166548742e+1

442.85	61.167929976	6.1167929976e+1
442.86	61.16931121	6.116931121e+1
442.87	61.170692443	6.1170692443e+1
442.88	61.172073677	6.1172073677e+1
442.89	61.17345491	6.117345491e+1
442.9	61.174836144	6.1174836144e+1
442.91	61.176217378	6.1176217378e+1
442.92	61.177598611	6.1177598611e+1
442.93	61.178979845	6.1178979845e+1
442.94	61.180361078	6.1180361078e+1
442.95	61.181742312	6.1181742312e+1
442.96	61.183123546	6.1183123546e+1
442.97	61.184504779	6.1184504779e+1
442.98	61.185886013	6.1185886013e+1
442.99	61.187267246	6.1187267246e+1
443	61.18864848	6.118864848e+1
443.01	61.190029714	6.1190029714e+1
443.02	61.191410947	6.1191410947e+1
443.03	61.192792181	6.1192792181e+1
443.04	61.194173414	6.1194173414e+1
443.05	61.195554648	6.1195554648e+1
443.06	61.196935882	6.1196935882e+1
443.07	61.198317115	6.1198317115e+1
443.08	61.199698349	6.1199698349e+1
443.09	61.201079582	6.1201079582e+1
443.1	61.202460816	6.1202460816e+1
443.11	61.20384205	6.120384205e+1
443.12	61.205223283	6.1205223283e+1
443.13	61.206604517	6.1206604517e+1
443.14	61.20798575	6.120798575e+1
443.15	61.209366984	6.1209366984e+1
443.16	61.210748218	6.1210748218e+1
443.17	61.212129451	6.1212129451e+1
443.18	61.213510685	6.1213510685e+1
443.19	61.214891918	6.1214891918e+1
443.2	61.216273152	6.1216273152e+1
443.21	61.217654386	6.1217654386e+1
443.22	61.219035619	6.1219035619e+1

443.23	61.220416853	6.1220416853e+1
443.24	61.221798086	6.1221798086e+1
443.25	61.22317932	6.122317932e+1
443.26	61.224560554	6.1224560554e+1
443.27	61.225941787	6.1225941787e+1
443.28	61.227323021	6.1227323021e+1
443.29	61.228704254	6.1228704254e+1
443.3	61.230085488	6.1230085488e+1
443.31	61.231466722	6.1231466722e+1
443.32	61.232847955	6.1232847955e+1
443.33	61.234229189	6.1234229189e+1
443.34	61.235610422	6.1235610422e+1
443.35	61.236991656	6.1236991656e+1
443.36	61.23837289	6.123837289e+1
443.37	61.239754123	6.1239754123e+1
443.38	61.241135357	6.1241135357e+1
443.39	61.24251659	6.124251659e+1
443.4	61.243897824	6.1243897824e+1
443.41	61.245279058	6.1245279058e+1
443.42	61.246660291	6.1246660291e+1
443.43	61.248041525	6.1248041525e+1
443.44	61.249422758	6.1249422758e+1
443.45	61.250803992	6.1250803992e+1
443.46	61.252185226	6.1252185226e+1
443.47	61.253566459	6.1253566459e+1
443.48	61.254947693	6.1254947693e+1
443.49	61.256328926	6.1256328926e+1
443.5	61.25771016	6.125771016e+1
443.51	61.259091394	6.1259091394e+1
443.52	61.260472627	6.1260472627e+1
443.53	61.261853861	6.1261853861e+1
443.54	61.263235094	6.1263235094e+1
443.55	61.264616328	6.1264616328e+1
443.56	61.265997562	6.1265997562e+1
443.57	61.267378795	6.1267378795e+1
443.58	61.268760029	6.1268760029e+1
443.59	61.270141262	6.1270141262e+1
443.6	61.271522496	6.1271522496e+1

443.61	61.27290373	6.127290373e+1
443.62	61.274284963	6.1274284963e+1
443.63	61.275666197	6.1275666197e+1
443.64	61.27704743	6.127704743e+1
443.65	61.278428664	6.1278428664e+1
443.66	61.279809898	6.1279809898e+1
443.67	61.281191131	6.1281191131e+1
443.68	61.282572365	6.1282572365e+1
443.69	61.283953598	6.1283953598e+1
443.7	61.285334832	6.1285334832e+1
443.71	61.286716066	6.1286716066e+1
443.72	61.288097299	6.1288097299e+1
443.73	61.289478533	6.1289478533e+1
443.74	61.290859766	6.1290859766e+1
443.75	61.292241	6.1292241e+1
443.76	61.293622234	6.1293622234e+1
443.77	61.295003467	6.1295003467e+1
443.78	61.296384701	6.1296384701e+1
443.79	61.297765934	6.1297765934e+1
443.8	61.299147168	6.1299147168e+1
443.81	61.300528402	6.1300528402e+1
443.82	61.301909635	6.1301909635e+1
443.83	61.303290869	6.1303290869e+1
443.84	61.304672102	6.1304672102e+1
443.85	61.306053336	6.1306053336e+1
443.86	61.30743457	6.130743457e+1
443.87	61.308815803	6.1308815803e+1
443.88	61.310197037	6.1310197037e+1
443.89	61.31157827	6.131157827e+1
443.9	61.312959504	6.1312959504e+1
443.91	61.314340738	6.1314340738e+1
443.92	61.315721971	6.1315721971e+1
443.93	61.317103205	6.1317103205e+1
443.94	61.318484438	6.1318484438e+1
443.95	61.319865672	6.1319865672e+1
443.96	61.321246906	6.1321246906e+1
443.97	61.322628139	6.1322628139e+1
443.98	61.324009373	6.1324009373e+1

443.99	61.325390606	6.1325390606e+1
444	61.32677184	6.132677184e+1
444.01	61.328153074	6.1328153074e+1
444.02	61.329534307	6.1329534307e+1
444.03	61.330915541	6.1330915541e+1
444.04	61.332296774	6.1332296774e+1
444.05	61.333678008	6.1333678008e+1
444.06	61.335059242	6.1335059242e+1
444.07	61.336440475	6.1336440475e+1
444.08	61.337821709	6.1337821709e+1
444.09	61.339202942	6.1339202942e+1
444.1	61.340584176	6.1340584176e+1
444.11	61.34196541	6.134196541e+1
444.12	61.343346643	6.1343346643e+1
444.13	61.344727877	6.1344727877e+1
444.14	61.34610911	6.134610911e+1
444.15	61.347490344	6.1347490344e+1
444.16	61.348871578	6.1348871578e+1
444.17	61.350252811	6.1350252811e+1
444.18	61.351634045	6.1351634045e+1
444.19	61.353015278	6.1353015278e+1
444.2	61.354396512	6.1354396512e+1
444.21	61.355777746	6.1355777746e+1
444.22	61.357158979	6.1357158979e+1
444.23	61.358540213	6.1358540213e+1
444.24	61.359921446	6.1359921446e+1
444.25	61.36130268	6.136130268e+1
444.26	61.362683914	6.1362683914e+1
444.27	61.364065147	6.1364065147e+1
444.28	61.365446381	6.1365446381e+1
444.29	61.366827614	6.1366827614e+1
444.3	61.368208848	6.1368208848e+1
444.31	61.369590082	6.1369590082e+1
444.32	61.370971315	6.1370971315e+1
444.33	61.372352549	6.1372352549e+1
444.34	61.373733782	6.1373733782e+1
444.35	61.375115016	6.1375115016e+1
444.36	61.37649625	6.137649625e+1

444.37	61.377877483	6.1377877483e+1
444.38	61.379258717	6.1379258717e+1
444.39	61.38063995	6.138063995e+1
444.4	61.382021184	6.1382021184e+1
444.41	61.383402418	6.1383402418e+1
444.42	61.384783651	6.1384783651e+1
444.43	61.386164885	6.1386164885e+1
444.44	61.387546118	6.1387546118e+1
444.45	61.388927352	6.1388927352e+1
444.46	61.390308586	6.1390308586e+1
444.47	61.391689819	6.1391689819e+1
444.48	61.393071053	6.1393071053e+1
444.49	61.394452286	6.1394452286e+1
444.5	61.39583352	6.139583352e+1
444.51	61.397214754	6.1397214754e+1
444.52	61.398595987	6.1398595987e+1
444.53	61.399977221	6.1399977221e+1
444.54	61.401358454	6.1401358454e+1
444.55	61.402739688	6.1402739688e+1
444.56	61.404120922	6.1404120922e+1
444.57	61.405502155	6.1405502155e+1
444.58	61.406883389	6.1406883389e+1
444.59	61.408264622	6.1408264622e+1
444.6	61.409645856	6.1409645856e+1
444.61	61.41102709	6.141102709e+1
444.62	61.412408323	6.1412408323e+1
444.63	61.413789557	6.1413789557e+1
444.64	61.41517079	6.141517079e+1
444.65	61.416552024	6.1416552024e+1
444.66	61.417933258	6.1417933258e+1
444.67	61.419314491	6.1419314491e+1
444.68	61.420695725	6.1420695725e+1
444.69	61.422076958	6.1422076958e+1
444.7	61.423458192	6.1423458192e+1
444.71	61.424839426	6.1424839426e+1
444.72	61.426220659	6.1426220659e+1
444.73	61.427601893	6.1427601893e+1
444.74	61.428983126	6.1428983126e+1

444.75	61.43036436	6.143036436e+1
444.76	61.431745594	6.1431745594e+1
444.77	61.433126827	6.1433126827e+1
444.78	61.434508061	6.1434508061e+1
444.79	61.435889294	6.1435889294e+1
444.8	61.437270528	6.1437270528e+1
444.81	61.438651762	6.1438651762e+1
444.82	61.440032995	6.1440032995e+1
444.83	61.441414229	6.1441414229e+1
444.84	61.442795462	6.1442795462e+1
444.85	61.444176696	6.1444176696e+1
444.86	61.44555793	6.144555793e+1
444.87	61.446939163	6.1446939163e+1
444.88	61.448320397	6.1448320397e+1
444.89	61.44970163	6.144970163e+1
444.9	61.451082864	6.1451082864e+1
444.91	61.452464098	6.1452464098e+1
444.92	61.453845331	6.1453845331e+1
444.93	61.455226565	6.1455226565e+1
444.94	61.456607798	6.1456607798e+1
444.95	61.457989032	6.1457989032e+1
444.96	61.459370266	6.1459370266e+1
444.97	61.460751499	6.1460751499e+1
444.98	61.462132733	6.1462132733e+1
444.99	61.463513966	6.1463513966e+1
445	61.4648952	6.14648952e+1
445.01	61.466276434	6.1466276434e+1
445.02	61.467657667	6.1467657667e+1
445.03	61.469038901	6.1469038901e+1
445.04	61.470420134	6.1470420134e+1
445.05	61.471801368	6.1471801368e+1
445.06	61.473182602	6.1473182602e+1
445.07	61.474563835	6.1474563835e+1
445.08	61.475945069	6.1475945069e+1
445.09	61.477326302	6.1477326302e+1
445.1	61.478707536	6.1478707536e+1
445.11	61.48008877	6.148008877e+1
445.12	61.481470003	6.1481470003e+1

445.13	61.482851237	6.1482851237e+1
445.14	61.48423247	6.148423247e+1
445.15	61.485613704	6.1485613704e+1
445.16	61.486994938	6.1486994938e+1
445.17	61.488376171	6.1488376171e+1
445.18	61.489757405	6.1489757405e+1
445.19	61.491138638	6.1491138638e+1
445.2	61.492519872	6.1492519872e+1
445.21	61.493901106	6.1493901106e+1
445.22	61.495282339	6.1495282339e+1
445.23	61.496663573	6.1496663573e+1
445.24	61.498044806	6.1498044806e+1
445.25	61.49942604	6.149942604e+1
445.26	61.500807274	6.1500807274e+1
445.27	61.502188507	6.1502188507e+1
445.28	61.503569741	6.1503569741e+1
445.29	61.504950974	6.1504950974e+1
445.3	61.506332208	6.1506332208e+1
445.31	61.507713442	6.1507713442e+1
445.32	61.509094675	6.1509094675e+1
445.33	61.510475909	6.1510475909e+1
445.34	61.511857142	6.1511857142e+1
445.35	61.513238376	6.1513238376e+1
445.36	61.51461961	6.151461961e+1
445.37	61.516000843	6.1516000843e+1
445.38	61.517382077	6.1517382077e+1
445.39	61.51876331	6.151876331e+1
445.4	61.520144544	6.1520144544e+1
445.41	61.521525778	6.1521525778e+1
445.42	61.522907011	6.1522907011e+1
445.43	61.524288245	6.1524288245e+1
445.44	61.525669478	6.1525669478e+1
445.45	61.527050712	6.1527050712e+1
445.46	61.528431946	6.1528431946e+1
445.47	61.529813179	6.1529813179e+1
445.48	61.531194413	6.1531194413e+1
445.49	61.532575646	6.1532575646e+1
445.5	61.53395688	6.153395688e+1

445.51	61.535338114	6.1535338114e+1
445.52	61.536719347	6.1536719347e+1
445.53	61.538100581	6.1538100581e+1
445.54	61.539481814	6.1539481814e+1
445.55	61.540863048	6.1540863048e+1
445.56	61.542244282	6.1542244282e+1
445.57	61.543625515	6.1543625515e+1
445.58	61.545006749	6.1545006749e+1
445.59	61.546387982	6.1546387982e+1
445.6	61.547769216	6.1547769216e+1
445.61	61.54915045	6.154915045e+1
445.62	61.550531683	6.1550531683e+1
445.63	61.551912917	6.1551912917e+1
445.64	61.55329415	6.155329415e+1
445.65	61.554675384	6.1554675384e+1
445.66	61.556056618	6.1556056618e+1
445.67	61.557437851	6.1557437851e+1
445.68	61.558819085	6.1558819085e+1
445.69	61.560200318	6.1560200318e+1
445.7	61.561581552	6.1561581552e+1
445.71	61.562962786	6.1562962786e+1
445.72	61.564344019	6.1564344019e+1
445.73	61.565725253	6.1565725253e+1
445.74	61.567106486	6.1567106486e+1
445.75	61.56848772	6.156848772e+1
445.76	61.569868954	6.1569868954e+1
445.77	61.571250187	6.1571250187e+1
445.78	61.572631421	6.1572631421e+1
445.79	61.574012654	6.1574012654e+1
445.8	61.575393888	6.1575393888e+1
445.81	61.576775122	6.1576775122e+1
445.82	61.578156355	6.1578156355e+1
445.83	61.579537589	6.1579537589e+1
445.84	61.580918822	6.1580918822e+1
445.85	61.582300056	6.1582300056e+1
445.86	61.58368129	6.158368129e+1
445.87	61.585062523	6.1585062523e+1
445.88	61.586443757	6.1586443757e+1

445.89	61.58782499	6.158782499e+1
445.9	61.589206224	6.1589206224e+1
445.91	61.590587458	6.1590587458e+1
445.92	61.591968691	6.1591968691e+1
445.93	61.593349925	6.1593349925e+1
445.94	61.594731158	6.1594731158e+1
445.95	61.596112392	6.1596112392e+1
445.96	61.597493626	6.1597493626e+1
445.97	61.598874859	6.1598874859e+1
445.98	61.600256093	6.1600256093e+1
445.99	61.601637326	6.1601637326e+1
446	61.60301856	6.160301856e+1
446.01	61.604399794	6.1604399794e+1
446.02	61.605781027	6.1605781027e+1
446.03	61.607162261	6.1607162261e+1
446.04	61.608543494	6.1608543494e+1
446.05	61.609924728	6.1609924728e+1
446.06	61.611305962	6.1611305962e+1
446.07	61.612687195	6.1612687195e+1
446.08	61.614068429	6.1614068429e+1
446.09	61.615449662	6.1615449662e+1
446.1	61.616830896	6.1616830896e+1
446.11	61.61821213	6.161821213e+1
446.12	61.619593363	6.1619593363e+1
446.13	61.620974597	6.1620974597e+1
446.14	61.62235583	6.162235583e+1
446.15	61.623737064	6.1623737064e+1
446.16	61.625118298	6.1625118298e+1
446.17	61.626499531	6.1626499531e+1
446.18	61.627880765	6.1627880765e+1
446.19	61.629261998	6.1629261998e+1
446.2	61.630643232	6.1630643232e+1
446.21	61.632024466	6.1632024466e+1
446.22	61.633405699	6.1633405699e+1
446.23	61.634786933	6.1634786933e+1
446.24	61.636168166	6.1636168166e+1
446.25	61.6375494	6.16375494e+1
446.26	61.638930634	6.1638930634e+1

446.27	61.640311867	6.1640311867e+1
446.28	61.641693101	6.1641693101e+1
446.29	61.643074334	6.1643074334e+1
446.3	61.644455568	6.1644455568e+1
446.31	61.645836802	6.1645836802e+1
446.32	61.647218035	6.1647218035e+1
446.33	61.648599269	6.1648599269e+1
446.34	61.649980502	6.1649980502e+1
446.35	61.651361736	6.1651361736e+1
446.36	61.65274297	6.165274297e+1
446.37	61.654124203	6.1654124203e+1
446.38	61.655505437	6.1655505437e+1
446.39	61.65688667	6.165688667e+1
446.4	61.658267904	6.1658267904e+1
446.41	61.659649138	6.1659649138e+1
446.42	61.661030371	6.1661030371e+1
446.43	61.662411605	6.1662411605e+1
446.44	61.663792838	6.1663792838e+1
446.45	61.665174072	6.1665174072e+1
446.46	61.666555306	6.1666555306e+1
446.47	61.667936539	6.1667936539e+1
446.48	61.669317773	6.1669317773e+1
446.49	61.670699006	6.1670699006e+1
446.5	61.67208024	6.167208024e+1
446.51	61.673461474	6.1673461474e+1
446.52	61.674842707	6.1674842707e+1
446.53	61.676223941	6.1676223941e+1
446.54	61.677605174	6.1677605174e+1
446.55	61.678986408	6.1678986408e+1
446.56	61.680367642	6.1680367642e+1
446.57	61.681748875	6.1681748875e+1
446.58	61.683130109	6.1683130109e+1
446.59	61.684511342	6.1684511342e+1
446.6	61.685892576	6.1685892576e+1
446.61	61.68727381	6.168727381e+1
446.62	61.688655043	6.1688655043e+1
446.63	61.690036277	6.1690036277e+1
446.64	61.69141751	6.169141751e+1

446.65	61.692798744	6.1692798744e+1
446.66	61.694179978	6.1694179978e+1
446.67	61.695561211	6.1695561211e+1
446.68	61.696942445	6.1696942445e+1
446.69	61.698323678	6.1698323678e+1
446.7	61.699704912	6.1699704912e+1
446.71	61.701086146	6.1701086146e+1
446.72	61.702467379	6.1702467379e+1
446.73	61.703848613	6.1703848613e+1
446.74	61.705229846	6.1705229846e+1
446.75	61.70661108	6.170661108e+1
446.76	61.707992314	6.1707992314e+1
446.77	61.709373547	6.1709373547e+1
446.78	61.710754781	6.1710754781e+1
446.79	61.712136014	6.1712136014e+1
446.8	61.713517248	6.1713517248e+1
446.81	61.714898482	6.1714898482e+1
446.82	61.716279715	6.1716279715e+1
446.83	61.717660949	6.1717660949e+1
446.84	61.719042182	6.1719042182e+1
446.85	61.720423416	6.1720423416e+1
446.86	61.72180465	6.172180465e+1
446.87	61.723185883	6.1723185883e+1
446.88	61.724567117	6.1724567117e+1
446.89	61.72594835	6.172594835e+1
446.9	61.727329584	6.1727329584e+1
446.91	61.728710818	6.1728710818e+1
446.92	61.730092051	6.1730092051e+1
446.93	61.731473285	6.1731473285e+1
446.94	61.732854518	6.1732854518e+1
446.95	61.734235752	6.1734235752e+1
446.96	61.735616986	6.1735616986e+1
446.97	61.736998219	6.1736998219e+1
446.98	61.738379453	6.1738379453e+1
446.99	61.739760686	6.1739760686e+1
447	61.74114192	6.174114192e+1
447.01	61.742523154	6.1742523154e+1
447.02	61.743904387	6.1743904387e+1

447.03	61.745285621	6.1745285621e+1
447.04	61.746666854	6.1746666854e+1
447.05	61.748048088	6.1748048088e+1
447.06	61.749429322	6.1749429322e+1
447.07	61.750810555	6.1750810555e+1
447.08	61.752191789	6.1752191789e+1
447.09	61.753573022	6.1753573022e+1
447.1	61.754954256	6.1754954256e+1
447.11	61.75633549	6.175633549e+1
447.12	61.757716723	6.1757716723e+1
447.13	61.759097957	6.1759097957e+1
447.14	61.76047919	6.176047919e+1
447.15	61.761860424	6.1761860424e+1
447.16	61.763241658	6.1763241658e+1
447.17	61.764622891	6.1764622891e+1
447.18	61.766004125	6.1766004125e+1
447.19	61.767385358	6.1767385358e+1
447.2	61.768766592	6.1768766592e+1
447.21	61.770147826	6.1770147826e+1
447.22	61.771529059	6.1771529059e+1
447.23	61.772910293	6.1772910293e+1
447.24	61.774291526	6.1774291526e+1
447.25	61.77567276	6.177567276e+1
447.26	61.777053994	6.1777053994e+1
447.27	61.778435227	6.1778435227e+1
447.28	61.779816461	6.1779816461e+1
447.29	61.781197694	6.1781197694e+1
447.3	61.782578928	6.1782578928e+1
447.31	61.783960162	6.1783960162e+1
447.32	61.785341395	6.1785341395e+1
447.33	61.786722629	6.1786722629e+1
447.34	61.788103862	6.1788103862e+1
447.35	61.789485096	6.1789485096e+1
447.36	61.79086633	6.179086633e+1
447.37	61.792247563	6.1792247563e+1
447.38	61.793628797	6.1793628797e+1
447.39	61.79501003	6.179501003e+1
447.4	61.796391264	6.1796391264e+1

447.41	61.797772498	6.1797772498e+1
447.42	61.799153731	6.1799153731e+1
447.43	61.800534965	6.1800534965e+1
447.44	61.801916198	6.1801916198e+1
447.45	61.803297432	6.1803297432e+1
447.46	61.804678666	6.1804678666e+1
447.47	61.806059899	6.1806059899e+1
447.48	61.807441133	6.1807441133e+1
447.49	61.808822366	6.1808822366e+1
447.5	61.8102036	6.18102036e+1
447.51	61.811584834	6.1811584834e+1
447.52	61.812966067	6.1812966067e+1
447.53	61.814347301	6.1814347301e+1
447.54	61.815728534	6.1815728534e+1
447.55	61.817109768	6.1817109768e+1
447.56	61.818491002	6.1818491002e+1
447.57	61.819872235	6.1819872235e+1
447.58	61.821253469	6.1821253469e+1
447.59	61.822634702	6.1822634702e+1
447.6	61.824015936	6.1824015936e+1
447.61	61.82539717	6.182539717e+1
447.62	61.826778403	6.1826778403e+1
447.63	61.828159637	6.1828159637e+1
447.64	61.82954087	6.182954087e+1
447.65	61.830922104	6.1830922104e+1
447.66	61.832303338	6.1832303338e+1
447.67	61.833684571	6.1833684571e+1
447.68	61.835065805	6.1835065805e+1
447.69	61.836447038	6.1836447038e+1
447.7	61.837828272	6.1837828272e+1
447.71	61.839209506	6.1839209506e+1
447.72	61.840590739	6.1840590739e+1
447.73	61.841971973	6.1841971973e+1
447.74	61.843353206	6.1843353206e+1
447.75	61.84473444	6.184473444e+1
447.76	61.846115674	6.1846115674e+1
447.77	61.847496907	6.1847496907e+1
447.78	61.848878141	6.1848878141e+1

447.79	61.850259374	6.1850259374e+1
447.8	61.851640608	6.1851640608e+1
447.81	61.853021842	6.1853021842e+1
447.82	61.854403075	6.1854403075e+1
447.83	61.855784309	6.1855784309e+1
447.84	61.857165542	6.1857165542e+1
447.85	61.858546776	6.1858546776e+1
447.86	61.85992801	6.185992801e+1
447.87	61.861309243	6.1861309243e+1
447.88	61.862690477	6.1862690477e+1
447.89	61.86407171	6.186407171e+1
447.9	61.865452944	6.1865452944e+1
447.91	61.866834178	6.1866834178e+1
447.92	61.868215411	6.1868215411e+1
447.93	61.869596645	6.1869596645e+1
447.94	61.870977878	6.1870977878e+1
447.95	61.872359112	6.1872359112e+1
447.96	61.873740346	6.1873740346e+1
447.97	61.875121579	6.1875121579e+1
447.98	61.876502813	6.1876502813e+1
447.99	61.877884046	6.1877884046e+1
448	61.87926528	6.187926528e+1
448.01	61.880646514	6.1880646514e+1
448.02	61.882027747	6.1882027747e+1
448.03	61.883408981	6.1883408981e+1
448.04	61.884790214	6.1884790214e+1
448.05	61.886171448	6.1886171448e+1
448.06	61.887552682	6.1887552682e+1
448.07	61.888933915	6.1888933915e+1
448.08	61.890315149	6.1890315149e+1
448.09	61.891696382	6.1891696382e+1
448.1	61.893077616	6.1893077616e+1
448.11	61.89445885	6.189445885e+1
448.12	61.895840083	6.1895840083e+1
448.13	61.897221317	6.1897221317e+1
448.14	61.89860255	6.189860255e+1
448.15	61.899983784	6.1899983784e+1
448.16	61.901365018	6.1901365018e+1

448.17	61.902746251	6.1902746251e+1
448.18	61.904127485	6.1904127485e+1
448.19	61.905508718	6.1905508718e+1
448.2	61.906889952	6.1906889952e+1
448.21	61.908271186	6.1908271186e+1
448.22	61.909652419	6.1909652419e+1
448.23	61.911033653	6.1911033653e+1
448.24	61.912414886	6.1912414886e+1
448.25	61.91379612	6.191379612e+1
448.26	61.915177354	6.1915177354e+1
448.27	61.916558587	6.1916558587e+1
448.28	61.917939821	6.1917939821e+1
448.29	61.919321054	6.1919321054e+1
448.3	61.920702288	6.1920702288e+1
448.31	61.922083522	6.1922083522e+1
448.32	61.923464755	6.1923464755e+1
448.33	61.924845989	6.1924845989e+1
448.34	61.926227222	6.1926227222e+1
448.35	61.927608456	6.1927608456e+1
448.36	61.92898969	6.192898969e+1
448.37	61.930370923	6.1930370923e+1
448.38	61.931752157	6.1931752157e+1
448.39	61.93313339	6.193313339e+1
448.4	61.934514624	6.1934514624e+1
448.41	61.935895858	6.1935895858e+1
448.42	61.937277091	6.1937277091e+1
448.43	61.938658325	6.1938658325e+1
448.44	61.940039558	6.1940039558e+1
448.45	61.941420792	6.1941420792e+1
448.46	61.942802026	6.1942802026e+1
448.47	61.944183259	6.1944183259e+1
448.48	61.945564493	6.1945564493e+1
448.49	61.946945726	6.1946945726e+1
448.5	61.94832696	6.194832696e+1
448.51	61.949708194	6.1949708194e+1
448.52	61.951089427	6.1951089427e+1
448.53	61.952470661	6.1952470661e+1
448.54	61.953851894	6.1953851894e+1

448.55	61.955233128	6.1955233128e+1
448.56	61.956614362	6.1956614362e+1
448.57	61.957995595	6.1957995595e+1
448.58	61.959376829	6.1959376829e+1
448.59	61.960758062	6.1960758062e+1
448.6	61.962139296	6.1962139296e+1
448.61	61.96352053	6.196352053e+1
448.62	61.964901763	6.1964901763e+1
448.63	61.966282997	6.1966282997e+1
448.64	61.96766423	6.196766423e+1
448.65	61.969045464	6.1969045464e+1
448.66	61.970426698	6.1970426698e+1
448.67	61.971807931	6.1971807931e+1
448.68	61.973189165	6.1973189165e+1
448.69	61.974570398	6.1974570398e+1
448.7	61.975951632	6.1975951632e+1
448.71	61.977332866	6.1977332866e+1
448.72	61.978714099	6.1978714099e+1
448.73	61.980095333	6.1980095333e+1
448.74	61.981476566	6.1981476566e+1
448.75	61.9828578	6.19828578e+1
448.76	61.984239034	6.1984239034e+1
448.77	61.985620267	6.1985620267e+1
448.78	61.987001501	6.1987001501e+1
448.79	61.988382734	6.1988382734e+1
448.8	61.989763968	6.1989763968e+1
448.81	61.991145202	6.1991145202e+1
448.82	61.992526435	6.1992526435e+1
448.83	61.993907669	6.1993907669e+1
448.84	61.995288902	6.1995288902e+1
448.85	61.996670136	6.1996670136e+1
448.86	61.99805137	6.199805137e+1
448.87	61.999432603	6.1999432603e+1
448.88	62.000813837	6.2000813837e+1
448.89	62.00219507	6.200219507e+1
448.9	62.003576304	6.2003576304e+1
448.91	62.004957538	6.2004957538e+1
448.92	62.006338771	6.2006338771e+1

448.93	62.007720005	6.2007720005e+1
448.94	62.009101238	6.2009101238e+1
448.95	62.010482472	6.2010482472e+1
448.96	62.011863706	6.2011863706e+1
448.97	62.013244939	6.2013244939e+1
448.98	62.014626173	6.2014626173e+1
448.99	62.016007406	6.2016007406e+1
449	62.01738864	6.201738864e+1
449.01	62.018769874	6.2018769874e+1
449.02	62.020151107	6.2020151107e+1
449.03	62.021532341	6.2021532341e+1
449.04	62.022913574	6.2022913574e+1
449.05	62.024294808	6.2024294808e+1
449.06	62.025676042	6.2025676042e+1
449.07	62.027057275	6.2027057275e+1
449.08	62.028438509	6.2028438509e+1
449.09	62.029819742	6.2029819742e+1
449.1	62.031200976	6.2031200976e+1
449.11	62.03258221	6.203258221e+1
449.12	62.033963443	6.2033963443e+1
449.13	62.035344677	6.2035344677e+1
449.14	62.03672591	6.203672591e+1
449.15	62.038107144	6.2038107144e+1
449.16	62.039488378	6.2039488378e+1
449.17	62.040869611	6.2040869611e+1
449.18	62.042250845	6.2042250845e+1
449.19	62.043632078	6.2043632078e+1
449.2	62.045013312	6.2045013312e+1
449.21	62.046394546	6.2046394546e+1
449.22	62.047775779	6.2047775779e+1
449.23	62.049157013	6.2049157013e+1
449.24	62.050538246	6.2050538246e+1
449.25	62.05191948	6.205191948e+1
449.26	62.053300714	6.2053300714e+1
449.27	62.054681947	6.2054681947e+1
449.28	62.056063181	6.2056063181e+1
449.29	62.057444414	6.2057444414e+1
449.3	62.058825648	6.2058825648e+1

449.31	62.060206882	6.2060206882e+1
449.32	62.061588115	6.2061588115e+1
449.33	62.062969349	6.2062969349e+1
449.34	62.064350582	6.2064350582e+1
449.35	62.065731816	6.2065731816e+1
449.36	62.06711305	6.206711305e+1
449.37	62.068494283	6.2068494283e+1
449.38	62.069875517	6.2069875517e+1
449.39	62.07125675	6.207125675e+1
449.4	62.072637984	6.2072637984e+1
449.41	62.074019218	6.2074019218e+1
449.42	62.075400451	6.2075400451e+1
449.43	62.076781685	6.2076781685e+1
449.44	62.078162918	6.2078162918e+1
449.45	62.079544152	6.2079544152e+1
449.46	62.080925386	6.2080925386e+1
449.47	62.082306619	6.2082306619e+1
449.48	62.083687853	6.2083687853e+1
449.49	62.085069086	6.2085069086e+1
449.5	62.08645032	6.208645032e+1
449.51	62.087831554	6.2087831554e+1
449.52	62.089212787	6.2089212787e+1
449.53	62.090594021	6.2090594021e+1
449.54	62.091975254	6.2091975254e+1
449.55	62.093356488	6.2093356488e+1
449.56	62.094737722	6.2094737722e+1
449.57	62.096118955	6.2096118955e+1
449.58	62.097500189	6.2097500189e+1
449.59	62.098881422	6.2098881422e+1
449.6	62.100262656	6.2100262656e+1
449.61	62.10164389	6.210164389e+1
449.62	62.103025123	6.2103025123e+1
449.63	62.104406357	6.2104406357e+1
449.64	62.10578759	6.210578759e+1
449.65	62.107168824	6.2107168824e+1
449.66	62.108550058	6.2108550058e+1
449.67	62.109931291	6.2109931291e+1
449.68	62.111312525	6.2111312525e+1

449.69	62.112693758	6.2112693758e+1
449.7	62.114074992	6.2114074992e+1
449.71	62.115456226	6.2115456226e+1
449.72	62.116837459	6.2116837459e+1
449.73	62.118218693	6.2118218693e+1
449.74	62.119599926	6.2119599926e+1
449.75	62.12098116	6.212098116e+1
449.76	62.122362394	6.2122362394e+1
449.77	62.123743627	6.2123743627e+1
449.78	62.125124861	6.2125124861e+1
449.79	62.126506094	6.2126506094e+1
449.8	62.127887328	6.2127887328e+1
449.81	62.129268562	6.2129268562e+1
449.82	62.130649795	6.2130649795e+1
449.83	62.132031029	6.2132031029e+1
449.84	62.133412262	6.2133412262e+1
449.85	62.134793496	6.2134793496e+1
449.86	62.13617473	6.213617473e+1
449.87	62.137555963	6.2137555963e+1
449.88	62.138937197	6.2138937197e+1
449.89	62.14031843	6.214031843e+1
449.9	62.141699664	6.2141699664e+1
449.91	62.143080898	6.2143080898e+1
449.92	62.144462131	6.2144462131e+1
449.93	62.145843365	6.2145843365e+1
449.94	62.147224598	6.2147224598e+1
449.95	62.148605832	6.2148605832e+1
449.96	62.149987066	6.2149987066e+1
449.97	62.151368299	6.2151368299e+1
449.98	62.152749533	6.2152749533e+1
449.99	62.154130766	6.2154130766e+1
450	62.155512	6.2155512e+1
450.01	62.156893234	6.2156893234e+1
450.02	62.158274467	6.2158274467e+1
450.03	62.159655701	6.2159655701e+1
450.04	62.161036934	6.2161036934e+1
450.05	62.162418168	6.2162418168e+1
450.06	62.163799402	6.2163799402e+1

450.07	62.165180635	6.2165180635e+1
450.08	62.166561869	6.2166561869e+1
450.09	62.167943102	6.2167943102e+1
450.1	62.169324336	6.2169324336e+1
450.11	62.17070557	6.217070557e+1
450.12	62.172086803	6.2172086803e+1
450.13	62.173468037	6.2173468037e+1
450.14	62.17484927	6.217484927e+1
450.15	62.176230504	6.2176230504e+1
450.16	62.177611738	6.2177611738e+1
450.17	62.178992971	6.2178992971e+1
450.18	62.180374205	6.2180374205e+1
450.19	62.181755438	6.2181755438e+1
450.2	62.183136672	6.2183136672e+1
450.21	62.184517906	6.2184517906e+1
450.22	62.185899139	6.2185899139e+1
450.23	62.187280373	6.2187280373e+1
450.24	62.188661606	6.2188661606e+1
450.25	62.19004284	6.219004284e+1
450.26	62.191424074	6.2191424074e+1
450.27	62.192805307	6.2192805307e+1
450.28	62.194186541	6.2194186541e+1
450.29	62.195567774	6.2195567774e+1
450.3	62.196949008	6.2196949008e+1
450.31	62.198330242	6.2198330242e+1
450.32	62.199711475	6.2199711475e+1
450.33	62.201092709	6.2201092709e+1
450.34	62.202473942	6.2202473942e+1
450.35	62.203855176	6.2203855176e+1
450.36	62.20523641	6.220523641e+1
450.37	62.206617643	6.2206617643e+1
450.38	62.207998877	6.2207998877e+1
450.39	62.20938011	6.220938011e+1
450.4	62.210761344	6.2210761344e+1
450.41	62.212142578	6.2212142578e+1
450.42	62.213523811	6.2213523811e+1
450.43	62.214905045	6.2214905045e+1
450.44	62.216286278	6.2216286278e+1

450.45	62.217667512	6.2217667512e+1
450.46	62.219048746	6.2219048746e+1
450.47	62.220429979	6.2220429979e+1
450.48	62.221811213	6.2221811213e+1
450.49	62.223192446	6.2223192446e+1
450.5	62.22457368	6.222457368e+1
450.51	62.225954914	6.2225954914e+1
450.52	62.227336147	6.2227336147e+1
450.53	62.228717381	6.2228717381e+1
450.54	62.230098614	6.2230098614e+1
450.55	62.231479848	6.2231479848e+1
450.56	62.232861082	6.2232861082e+1
450.57	62.234242315	6.2234242315e+1
450.58	62.235623549	6.2235623549e+1
450.59	62.237004782	6.2237004782e+1
450.6	62.238386016	6.2238386016e+1
450.61	62.23976725	6.223976725e+1
450.62	62.241148483	6.2241148483e+1
450.63	62.242529717	6.2242529717e+1
450.64	62.24391095	6.224391095e+1
450.65	62.245292184	6.2245292184e+1
450.66	62.246673418	6.2246673418e+1
450.67	62.248054651	6.2248054651e+1
450.68	62.249435885	6.2249435885e+1
450.69	62.250817118	6.2250817118e+1
450.7	62.252198352	6.2252198352e+1
450.71	62.253579586	6.2253579586e+1
450.72	62.254960819	6.2254960819e+1
450.73	62.256342053	6.2256342053e+1
450.74	62.257723286	6.2257723286e+1
450.75	62.25910452	6.225910452e+1
450.76	62.260485754	6.2260485754e+1
450.77	62.261866987	6.2261866987e+1
450.78	62.263248221	6.2263248221e+1
450.79	62.264629454	6.2264629454e+1
450.8	62.266010688	6.2266010688e+1
450.81	62.267391922	6.2267391922e+1
450.82	62.268773155	6.2268773155e+1

450.83	62.270154389	6.2270154389e+1
450.84	62.271535622	6.2271535622e+1
450.85	62.272916856	6.2272916856e+1
450.86	62.27429809	6.227429809e+1
450.87	62.275679323	6.2275679323e+1
450.88	62.277060557	6.2277060557e+1
450.89	62.27844179	6.227844179e+1
450.9	62.279823024	6.2279823024e+1
450.91	62.281204258	6.2281204258e+1
450.92	62.282585491	6.2282585491e+1
450.93	62.283966725	6.2283966725e+1
450.94	62.285347958	6.2285347958e+1
450.95	62.286729192	6.2286729192e+1
450.96	62.288110426	6.2288110426e+1
450.97	62.289491659	6.2289491659e+1
450.98	62.290872893	6.2290872893e+1
450.99	62.292254126	6.2292254126e+1
451	62.29363536	6.229363536e+1
451.01	62.295016594	6.2295016594e+1
451.02	62.296397827	6.2296397827e+1
451.03	62.297779061	6.2297779061e+1
451.04	62.299160294	6.2299160294e+1
451.05	62.300541528	6.2300541528e+1
451.06	62.301922762	6.2301922762e+1
451.07	62.303303995	6.2303303995e+1
451.08	62.304685229	6.2304685229e+1
451.09	62.306066462	6.2306066462e+1
451.1	62.307447696	6.2307447696e+1
451.11	62.30882893	6.230882893e+1
451.12	62.310210163	6.2310210163e+1
451.13	62.311591397	6.2311591397e+1
451.14	62.31297263	6.231297263e+1
451.15	62.314353864	6.2314353864e+1
451.16	62.315735098	6.2315735098e+1
451.17	62.317116331	6.2317116331e+1
451.18	62.318497565	6.2318497565e+1
451.19	62.319878798	6.2319878798e+1
451.2	62.321260032	6.2321260032e+1

451.21	62.322641266	6.2322641266e+1
451.22	62.324022499	6.2324022499e+1
451.23	62.325403733	6.2325403733e+1
451.24	62.326784966	6.2326784966e+1
451.25	62.3281662	6.23281662e+1
451.26	62.329547434	6.2329547434e+1
451.27	62.330928667	6.2330928667e+1
451.28	62.332309901	6.2332309901e+1
451.29	62.333691134	6.2333691134e+1
451.3	62.335072368	6.2335072368e+1
451.31	62.336453602	6.2336453602e+1
451.32	62.337834835	6.2337834835e+1
451.33	62.339216069	6.2339216069e+1
451.34	62.340597302	6.2340597302e+1
451.35	62.341978536	6.2341978536e+1
451.36	62.34335977	6.234335977e+1
451.37	62.344741003	6.2344741003e+1
451.38	62.346122237	6.2346122237e+1
451.39	62.34750347	6.234750347e+1
451.4	62.348884704	6.2348884704e+1
451.41	62.350265938	6.2350265938e+1
451.42	62.351647171	6.2351647171e+1
451.43	62.353028405	6.2353028405e+1
451.44	62.354409638	6.2354409638e+1
451.45	62.355790872	6.2355790872e+1
451.46	62.357172106	6.2357172106e+1
451.47	62.358553339	6.2358553339e+1
451.48	62.359934573	6.2359934573e+1
451.49	62.361315806	6.2361315806e+1
451.5	62.36269704	6.236269704e+1
451.51	62.364078274	6.2364078274e+1
451.52	62.365459507	6.2365459507e+1
451.53	62.366840741	6.2366840741e+1
451.54	62.368221974	6.2368221974e+1
451.55	62.369603208	6.2369603208e+1
451.56	62.370984442	6.2370984442e+1
451.57	62.372365675	6.2372365675e+1
451.58	62.373746909	6.2373746909e+1

451.59	62.375128142	6.2375128142e+1
451.6	62.376509376	6.2376509376e+1
451.61	62.37789061	6.237789061e+1
451.62	62.379271843	6.2379271843e+1
451.63	62.380653077	6.2380653077e+1
451.64	62.38203431	6.238203431e+1
451.65	62.383415544	6.2383415544e+1
451.66	62.384796778	6.2384796778e+1
451.67	62.386178011	6.2386178011e+1
451.68	62.387559245	6.2387559245e+1
451.69	62.388940478	6.2388940478e+1
451.7	62.390321712	6.2390321712e+1
451.71	62.391702946	6.2391702946e+1
451.72	62.393084179	6.2393084179e+1
451.73	62.394465413	6.2394465413e+1
451.74	62.395846646	6.2395846646e+1
451.75	62.39722788	6.239722788e+1
451.76	62.398609114	6.2398609114e+1
451.77	62.399990347	6.2399990347e+1
451.78	62.401371581	6.2401371581e+1
451.79	62.402752814	6.2402752814e+1
451.8	62.404134048	6.2404134048e+1
451.81	62.405515282	6.2405515282e+1
451.82	62.406896515	6.2406896515e+1
451.83	62.408277749	6.2408277749e+1
451.84	62.409658982	6.2409658982e+1
451.85	62.411040216	6.2411040216e+1
451.86	62.41242145	6.241242145e+1
451.87	62.413802683	6.2413802683e+1
451.88	62.415183917	6.2415183917e+1
451.89	62.41656515	6.241656515e+1
451.9	62.417946384	6.2417946384e+1
451.91	62.419327618	6.2419327618e+1
451.92	62.420708851	6.2420708851e+1
451.93	62.422090085	6.2422090085e+1
451.94	62.423471318	6.2423471318e+1
451.95	62.424852552	6.2424852552e+1
451.96	62.426233786	6.2426233786e+1

451.97	62.427615019	6.2427615019e+1
451.98	62.428996253	6.2428996253e+1
451.99	62.430377486	6.2430377486e+1
452	62.43175872	6.243175872e+1
452.01	62.433139954	6.2433139954e+1
452.02	62.434521187	6.2434521187e+1
452.03	62.435902421	6.2435902421e+1
452.04	62.437283654	6.2437283654e+1
452.05	62.438664888	6.2438664888e+1
452.06	62.440046122	6.2440046122e+1
452.07	62.441427355	6.2441427355e+1
452.08	62.442808589	6.2442808589e+1
452.09	62.444189822	6.2444189822e+1
452.1	62.445571056	6.2445571056e+1
452.11	62.44695229	6.244695229e+1
452.12	62.448333523	6.2448333523e+1
452.13	62.449714757	6.2449714757e+1
452.14	62.45109599	6.245109599e+1
452.15	62.452477224	6.2452477224e+1
452.16	62.453858458	6.2453858458e+1
452.17	62.455239691	6.2455239691e+1
452.18	62.456620925	6.2456620925e+1
452.19	62.458002158	6.2458002158e+1
452.2	62.459383392	6.2459383392e+1
452.21	62.460764626	6.2460764626e+1
452.22	62.462145859	6.2462145859e+1
452.23	62.463527093	6.2463527093e+1
452.24	62.464908326	6.2464908326e+1
452.25	62.46628956	6.246628956e+1
452.26	62.467670794	6.2467670794e+1
452.27	62.469052027	6.2469052027e+1
452.28	62.470433261	6.2470433261e+1
452.29	62.471814494	6.2471814494e+1
452.3	62.473195728	6.2473195728e+1
452.31	62.474576962	6.2474576962e+1
452.32	62.475958195	6.2475958195e+1
452.33	62.477339429	6.2477339429e+1
452.34	62.478720662	6.2478720662e+1

452.35	62.480101896	6.2480101896e+1
452.36	62.48148313	6.248148313e+1
452.37	62.482864363	6.2482864363e+1
452.38	62.484245597	6.2484245597e+1
452.39	62.48562683	6.248562683e+1
452.4	62.487008064	6.2487008064e+1
452.41	62.488389298	6.2488389298e+1
452.42	62.489770531	6.2489770531e+1
452.43	62.491151765	6.2491151765e+1
452.44	62.492532998	6.2492532998e+1
452.45	62.493914232	6.2493914232e+1
452.46	62.495295466	6.2495295466e+1
452.47	62.496676699	6.2496676699e+1
452.48	62.498057933	6.2498057933e+1
452.49	62.499439166	6.2499439166e+1
452.5	62.5008204	6.25008204e+1
452.51	62.502201634	6.2502201634e+1
452.52	62.503582867	6.2503582867e+1
452.53	62.504964101	6.2504964101e+1
452.54	62.506345334	6.2506345334e+1
452.55	62.507726568	6.2507726568e+1
452.56	62.509107802	6.2509107802e+1
452.57	62.510489035	6.2510489035e+1
452.58	62.511870269	6.2511870269e+1
452.59	62.513251502	6.2513251502e+1
452.6	62.514632736	6.2514632736e+1
452.61	62.51601397	6.251601397e+1
452.62	62.517395203	6.2517395203e+1
452.63	62.518776437	6.2518776437e+1
452.64	62.52015767	6.252015767e+1
452.65	62.521538904	6.2521538904e+1
452.66	62.522920138	6.2522920138e+1
452.67	62.524301371	6.2524301371e+1
452.68	62.525682605	6.2525682605e+1
452.69	62.527063838	6.2527063838e+1
452.7	62.528445072	6.2528445072e+1
452.71	62.529826306	6.2529826306e+1
452.72	62.531207539	6.2531207539e+1

452.73	62.532588773	6.2532588773e+1
452.74	62.533970006	6.2533970006e+1
452.75	62.53535124	6.253535124e+1
452.76	62.536732474	6.2536732474e+1
452.77	62.538113707	6.2538113707e+1
452.78	62.539494941	6.2539494941e+1
452.79	62.540876174	6.2540876174e+1
452.8	62.542257408	6.2542257408e+1
452.81	62.543638642	6.2543638642e+1
452.82	62.545019875	6.2545019875e+1
452.83	62.546401109	6.2546401109e+1
452.84	62.547782342	6.2547782342e+1
452.85	62.549163576	6.2549163576e+1
452.86	62.55054481	6.255054481e+1
452.87	62.551926043	6.2551926043e+1
452.88	62.553307277	6.2553307277e+1
452.89	62.55468851	6.255468851e+1
452.9	62.556069744	6.2556069744e+1
452.91	62.557450978	6.2557450978e+1
452.92	62.558832211	6.2558832211e+1
452.93	62.560213445	6.2560213445e+1
452.94	62.561594678	6.2561594678e+1
452.95	62.562975912	6.2562975912e+1
452.96	62.564357146	6.2564357146e+1
452.97	62.565738379	6.2565738379e+1
452.98	62.567119613	6.2567119613e+1
452.99	62.568500846	6.2568500846e+1
453	62.56988208	6.256988208e+1
453.01	62.571263314	6.2571263314e+1
453.02	62.572644547	6.2572644547e+1
453.03	62.574025781	6.2574025781e+1
453.04	62.575407014	6.2575407014e+1
453.05	62.576788248	6.2576788248e+1
453.06	62.578169482	6.2578169482e+1
453.07	62.579550715	6.2579550715e+1
453.08	62.580931949	6.2580931949e+1
453.09	62.582313182	6.2582313182e+1
453.1	62.583694416	6.2583694416e+1

453.11	62.58507565	6.258507565e+1
453.12	62.586456883	6.2586456883e+1
453.13	62.587838117	6.2587838117e+1
453.14	62.58921935	6.258921935e+1
453.15	62.590600584	6.2590600584e+1
453.16	62.591981818	6.2591981818e+1
453.17	62.593363051	6.2593363051e+1
453.18	62.594744285	6.2594744285e+1
453.19	62.596125518	6.2596125518e+1
453.2	62.597506752	6.2597506752e+1
453.21	62.598887986	6.2598887986e+1
453.22	62.600269219	6.2600269219e+1
453.23	62.601650453	6.2601650453e+1
453.24	62.603031686	6.2603031686e+1
453.25	62.60441292	6.260441292e+1
453.26	62.605794154	6.2605794154e+1
453.27	62.607175387	6.2607175387e+1
453.28	62.608556621	6.2608556621e+1
453.29	62.609937854	6.2609937854e+1
453.3	62.611319088	6.2611319088e+1
453.31	62.612700322	6.2612700322e+1
453.32	62.614081555	6.2614081555e+1
453.33	62.615462789	6.2615462789e+1
453.34	62.616844022	6.2616844022e+1
453.35	62.618225256	6.2618225256e+1
453.36	62.61960649	6.261960649e+1
453.37	62.620987723	6.2620987723e+1
453.38	62.622368957	6.2622368957e+1
453.39	62.62375019	6.262375019e+1
453.4	62.625131424	6.2625131424e+1
453.41	62.626512658	6.2626512658e+1
453.42	62.627893891	6.2627893891e+1
453.43	62.629275125	6.2629275125e+1
453.44	62.630656358	6.2630656358e+1
453.45	62.632037592	6.2632037592e+1
453.46	62.633418826	6.2633418826e+1
453.47	62.634800059	6.2634800059e+1
453.48	62.636181293	6.2636181293e+1

453.49	62.637562526	6.2637562526e+1
453.5	62.63894376	6.263894376e+1
453.51	62.640324994	6.2640324994e+1
453.52	62.641706227	6.2641706227e+1
453.53	62.643087461	6.2643087461e+1
453.54	62.644468694	6.2644468694e+1
453.55	62.645849928	6.2645849928e+1
453.56	62.647231162	6.2647231162e+1
453.57	62.648612395	6.2648612395e+1
453.58	62.649993629	6.2649993629e+1
453.59	62.651374862	6.2651374862e+1
453.6	62.652756096	6.2652756096e+1
453.61	62.65413733	6.265413733e+1
453.62	62.655518563	6.2655518563e+1
453.63	62.656899797	6.2656899797e+1
453.64	62.65828103	6.265828103e+1
453.65	62.659662264	6.2659662264e+1
453.66	62.661043498	6.2661043498e+1
453.67	62.662424731	6.2662424731e+1
453.68	62.663805965	6.2663805965e+1
453.69	62.665187198	6.2665187198e+1
453.7	62.666568432	6.2666568432e+1
453.71	62.667949666	6.2667949666e+1
453.72	62.669330899	6.2669330899e+1
453.73	62.670712133	6.2670712133e+1
453.74	62.672093366	6.2672093366e+1
453.75	62.6734746	6.26734746e+1
453.76	62.674855834	6.2674855834e+1
453.77	62.676237067	6.2676237067e+1
453.78	62.677618301	6.2677618301e+1
453.79	62.678999534	6.2678999534e+1
453.8	62.680380768	6.2680380768e+1
453.81	62.681762002	6.2681762002e+1
453.82	62.683143235	6.2683143235e+1
453.83	62.684524469	6.2684524469e+1
453.84	62.685905702	6.2685905702e+1
453.85	62.687286936	6.2687286936e+1
453.86	62.68866817	6.268866817e+1

453.87	62.690049403	6.2690049403e+1
453.88	62.691430637	6.2691430637e+1
453.89	62.69281187	6.269281187e+1
453.9	62.694193104	6.2694193104e+1
453.91	62.695574338	6.2695574338e+1
453.92	62.696955571	6.2696955571e+1
453.93	62.698336805	6.2698336805e+1
453.94	62.699718038	6.2699718038e+1
453.95	62.701099272	6.2701099272e+1
453.96	62.702480506	6.2702480506e+1
453.97	62.703861739	6.2703861739e+1
453.98	62.705242973	6.2705242973e+1
453.99	62.706624206	6.2706624206e+1
454	62.70800544	6.270800544e+1
454.01	62.709386674	6.2709386674e+1
454.02	62.710767907	6.2710767907e+1
454.03	62.712149141	6.2712149141e+1
454.04	62.713530374	6.2713530374e+1
454.05	62.714911608	6.2714911608e+1
454.06	62.716292842	6.2716292842e+1
454.07	62.717674075	6.2717674075e+1
454.08	62.719055309	6.2719055309e+1
454.09	62.720436542	6.2720436542e+1
454.1	62.721817776	6.2721817776e+1
454.11	62.72319901	6.272319901e+1
454.12	62.724580243	6.2724580243e+1
454.13	62.725961477	6.2725961477e+1
454.14	62.72734271	6.272734271e+1
454.15	62.728723944	6.2728723944e+1
454.16	62.730105178	6.2730105178e+1
454.17	62.731486411	6.2731486411e+1
454.18	62.732867645	6.2732867645e+1
454.19	62.734248878	6.2734248878e+1
454.2	62.735630112	6.2735630112e+1
454.21	62.737011346	6.2737011346e+1
454.22	62.738392579	6.2738392579e+1
454.23	62.739773813	6.2739773813e+1
454.24	62.741155046	6.2741155046e+1

454.25	62.74253628	6.274253628e+1
454.26	62.743917514	6.2743917514e+1
454.27	62.745298747	6.2745298747e+1
454.28	62.746679981	6.2746679981e+1
454.29	62.748061214	6.2748061214e+1
454.3	62.749442448	6.2749442448e+1
454.31	62.750823682	6.2750823682e+1
454.32	62.752204915	6.2752204915e+1
454.33	62.753586149	6.2753586149e+1
454.34	62.754967382	6.2754967382e+1
454.35	62.756348616	6.2756348616e+1
454.36	62.75772985	6.275772985e+1
454.37	62.759111083	6.2759111083e+1
454.38	62.760492317	6.2760492317e+1
454.39	62.76187355	6.276187355e+1
454.4	62.763254784	6.2763254784e+1
454.41	62.764636018	6.2764636018e+1
454.42	62.766017251	6.2766017251e+1
454.43	62.767398485	6.2767398485e+1
454.44	62.768779718	6.2768779718e+1
454.45	62.770160952	6.2770160952e+1
454.46	62.771542186	6.2771542186e+1
454.47	62.772923419	6.2772923419e+1
454.48	62.774304653	6.2774304653e+1
454.49	62.775685886	6.2775685886e+1
454.5	62.77706712	6.277706712e+1
454.51	62.778448354	6.2778448354e+1
454.52	62.779829587	6.2779829587e+1
454.53	62.781210821	6.2781210821e+1
454.54	62.782592054	6.2782592054e+1
454.55	62.783973288	6.2783973288e+1
454.56	62.785354522	6.2785354522e+1
454.57	62.786735755	6.2786735755e+1
454.58	62.788116989	6.2788116989e+1
454.59	62.789498222	6.2789498222e+1
454.6	62.790879456	6.2790879456e+1
454.61	62.79226069	6.279226069e+1
454.62	62.793641923	6.2793641923e+1

454.63	62.795023157	6.2795023157e+1
454.64	62.79640439	6.279640439e+1
454.65	62.797785624	6.2797785624e+1
454.66	62.799166858	6.2799166858e+1
454.67	62.800548091	6.2800548091e+1
454.68	62.801929325	6.2801929325e+1
454.69	62.803310558	6.2803310558e+1
454.7	62.804691792	6.2804691792e+1
454.71	62.806073026	6.2806073026e+1
454.72	62.807454259	6.2807454259e+1
454.73	62.808835493	6.2808835493e+1
454.74	62.810216726	6.2810216726e+1
454.75	62.81159796	6.281159796e+1
454.76	62.812979194	6.2812979194e+1
454.77	62.814360427	6.2814360427e+1
454.78	62.815741661	6.2815741661e+1
454.79	62.817122894	6.2817122894e+1
454.8	62.818504128	6.2818504128e+1
454.81	62.819885362	6.2819885362e+1
454.82	62.821266595	6.2821266595e+1
454.83	62.822647829	6.2822647829e+1
454.84	62.824029062	6.2824029062e+1
454.85	62.825410296	6.2825410296e+1
454.86	62.82679153	6.282679153e+1
454.87	62.828172763	6.2828172763e+1
454.88	62.829553997	6.2829553997e+1
454.89	62.83093523	6.283093523e+1
454.9	62.832316464	6.2832316464e+1
454.91	62.833697698	6.2833697698e+1
454.92	62.835078931	6.2835078931e+1
454.93	62.836460165	6.2836460165e+1
454.94	62.837841398	6.2837841398e+1
454.95	62.839222632	6.2839222632e+1
454.96	62.840603866	6.2840603866e+1
454.97	62.841985099	6.2841985099e+1
454.98	62.843366333	6.2843366333e+1
454.99	62.844747566	6.2844747566e+1
455	62.8461288	6.28461288e+1

455.01	62.847510034	6.2847510034e+1
455.02	62.848891267	6.2848891267e+1
455.03	62.850272501	6.2850272501e+1
455.04	62.851653734	6.2851653734e+1
455.05	62.853034968	6.2853034968e+1
455.06	62.854416202	6.2854416202e+1
455.07	62.855797435	6.2855797435e+1
455.08	62.857178669	6.2857178669e+1
455.09	62.858559902	6.2858559902e+1
455.1	62.859941136	6.2859941136e+1
455.11	62.86132237	6.286132237e+1
455.12	62.862703603	6.2862703603e+1
455.13	62.864084837	6.2864084837e+1
455.14	62.86546607	6.286546607e+1
455.15	62.866847304	6.2866847304e+1
455.16	62.868228538	6.2868228538e+1
455.17	62.869609771	6.2869609771e+1
455.18	62.870991005	6.2870991005e+1
455.19	62.872372238	6.2872372238e+1
455.2	62.873753472	6.2873753472e+1
455.21	62.875134706	6.2875134706e+1
455.22	62.876515939	6.2876515939e+1
455.23	62.877897173	6.2877897173e+1
455.24	62.879278406	6.2879278406e+1
455.25	62.88065964	6.288065964e+1
455.26	62.882040874	6.2882040874e+1
455.27	62.883422107	6.2883422107e+1
455.28	62.884803341	6.2884803341e+1
455.29	62.886184574	6.2886184574e+1
455.3	62.887565808	6.2887565808e+1
455.31	62.888947042	6.2888947042e+1
455.32	62.890328275	6.2890328275e+1
455.33	62.891709509	6.2891709509e+1
455.34	62.893090742	6.2893090742e+1
455.35	62.894471976	6.2894471976e+1
455.36	62.89585321	6.289585321e+1
455.37	62.897234443	6.2897234443e+1
455.38	62.898615677	6.2898615677e+1

455.39	62.89999691	6.289999691e+1
455.4	62.901378144	6.2901378144e+1
455.41	62.902759378	6.2902759378e+1
455.42	62.904140611	6.2904140611e+1
455.43	62.905521845	6.2905521845e+1
455.44	62.906903078	6.2906903078e+1
455.45	62.908284312	6.2908284312e+1
455.46	62.909665546	6.2909665546e+1
455.47	62.911046779	6.2911046779e+1
455.48	62.912428013	6.2912428013e+1
455.49	62.913809246	6.2913809246e+1
455.5	62.91519048	6.291519048e+1
455.51	62.916571714	6.2916571714e+1
455.52	62.917952947	6.2917952947e+1
455.53	62.919334181	6.2919334181e+1
455.54	62.920715414	6.2920715414e+1
455.55	62.922096648	6.2922096648e+1
455.56	62.923477882	6.2923477882e+1
455.57	62.924859115	6.2924859115e+1
455.58	62.926240349	6.2926240349e+1
455.59	62.927621582	6.2927621582e+1
455.6	62.929002816	6.2929002816e+1
455.61	62.93038405	6.293038405e+1
455.62	62.931765283	6.2931765283e+1
455.63	62.933146517	6.2933146517e+1
455.64	62.93452775	6.293452775e+1
455.65	62.935908984	6.2935908984e+1
455.66	62.937290218	6.2937290218e+1
455.67	62.938671451	6.2938671451e+1
455.68	62.940052685	6.2940052685e+1
455.69	62.941433918	6.2941433918e+1
455.7	62.942815152	6.2942815152e+1
455.71	62.944196386	6.2944196386e+1
455.72	62.945577619	6.2945577619e+1
455.73	62.946958853	6.2946958853e+1
455.74	62.948340086	6.2948340086e+1
455.75	62.94972132	6.294972132e+1
455.76	62.951102554	6.2951102554e+1

455.77	62.952483787	6.2952483787e+1
455.78	62.953865021	6.2953865021e+1
455.79	62.955246254	6.2955246254e+1
455.8	62.956627488	6.2956627488e+1
455.81	62.958008722	6.2958008722e+1
455.82	62.959389955	6.2959389955e+1
455.83	62.960771189	6.2960771189e+1
455.84	62.962152422	6.2962152422e+1
455.85	62.963533656	6.2963533656e+1
455.86	62.96491489	6.296491489e+1
455.87	62.966296123	6.2966296123e+1
455.88	62.967677357	6.2967677357e+1
455.89	62.96905859	6.296905859e+1
455.9	62.970439824	6.2970439824e+1
455.91	62.971821058	6.2971821058e+1
455.92	62.973202291	6.2973202291e+1
455.93	62.974583525	6.2974583525e+1
455.94	62.975964758	6.2975964758e+1
455.95	62.977345992	6.2977345992e+1
455.96	62.978727226	6.2978727226e+1
455.97	62.980108459	6.2980108459e+1
455.98	62.981489693	6.2981489693e+1
455.99	62.982870926	6.2982870926e+1
456	62.98425216	6.298425216e+1
456.01	62.985633394	6.2985633394e+1
456.02	62.987014627	6.2987014627e+1
456.03	62.988395861	6.2988395861e+1
456.04	62.989777094	6.2989777094e+1
456.05	62.991158328	6.2991158328e+1
456.06	62.992539562	6.2992539562e+1
456.07	62.993920795	6.2993920795e+1
456.08	62.995302029	6.2995302029e+1
456.09	62.996683262	6.2996683262e+1
456.1	62.998064496	6.2998064496e+1
456.11	62.99944573	6.299944573e+1
456.12	63.000826963	6.3000826963e+1
456.13	63.002208197	6.3002208197e+1
456.14	63.00358943	6.300358943e+1

456.15	63.004970664	6.3004970664e+1
456.16	63.006351898	6.3006351898e+1
456.17	63.007733131	6.3007733131e+1
456.18	63.009114365	6.3009114365e+1
456.19	63.010495598	6.3010495598e+1
456.2	63.011876832	6.3011876832e+1
456.21	63.013258066	6.3013258066e+1
456.22	63.014639299	6.3014639299e+1
456.23	63.016020533	6.3016020533e+1
456.24	63.017401766	6.3017401766e+1
456.25	63.018783	6.3018783e+1
456.26	63.020164234	6.3020164234e+1
456.27	63.021545467	6.3021545467e+1
456.28	63.022926701	6.3022926701e+1
456.29	63.024307934	6.3024307934e+1
456.3	63.025689168	6.3025689168e+1
456.31	63.027070402	6.3027070402e+1
456.32	63.028451635	6.3028451635e+1
456.33	63.029832869	6.3029832869e+1
456.34	63.031214102	6.3031214102e+1
456.35	63.032595336	6.3032595336e+1
456.36	63.03397657	6.303397657e+1
456.37	63.035357803	6.3035357803e+1
456.38	63.036739037	6.3036739037e+1
456.39	63.03812027	6.303812027e+1
456.4	63.039501504	6.3039501504e+1
456.41	63.040882738	6.3040882738e+1
456.42	63.042263971	6.3042263971e+1
456.43	63.043645205	6.3043645205e+1
456.44	63.045026438	6.3045026438e+1
456.45	63.046407672	6.3046407672e+1
456.46	63.047788906	6.3047788906e+1
456.47	63.049170139	6.3049170139e+1
456.48	63.050551373	6.3050551373e+1
456.49	63.051932606	6.3051932606e+1
456.5	63.05331384	6.305331384e+1
456.51	63.054695074	6.3054695074e+1
456.52	63.056076307	6.3056076307e+1

456.53	63.057457541	6.3057457541e+1
456.54	63.058838774	6.3058838774e+1
456.55	63.060220008	6.3060220008e+1
456.56	63.061601242	6.3061601242e+1
456.57	63.062982475	6.3062982475e+1
456.58	63.064363709	6.3064363709e+1
456.59	63.065744942	6.3065744942e+1
456.6	63.067126176	6.3067126176e+1
456.61	63.06850741	6.306850741e+1
456.62	63.069888643	6.3069888643e+1
456.63	63.071269877	6.3071269877e+1
456.64	63.07265111	6.307265111e+1
456.65	63.074032344	6.3074032344e+1
456.66	63.075413578	6.3075413578e+1
456.67	63.076794811	6.3076794811e+1
456.68	63.078176045	6.3078176045e+1
456.69	63.079557278	6.3079557278e+1
456.7	63.080938512	6.3080938512e+1
456.71	63.082319746	6.3082319746e+1
456.72	63.083700979	6.3083700979e+1
456.73	63.085082213	6.3085082213e+1
456.74	63.086463446	6.3086463446e+1
456.75	63.08784468	6.308784468e+1
456.76	63.089225914	6.3089225914e+1
456.77	63.090607147	6.3090607147e+1
456.78	63.091988381	6.3091988381e+1
456.79	63.093369614	6.3093369614e+1
456.8	63.094750848	6.3094750848e+1
456.81	63.096132082	6.3096132082e+1
456.82	63.097513315	6.3097513315e+1
456.83	63.098894549	6.3098894549e+1
456.84	63.100275782	6.3100275782e+1
456.85	63.101657016	6.3101657016e+1
456.86	63.10303825	6.310303825e+1
456.87	63.104419483	6.3104419483e+1
456.88	63.105800717	6.3105800717e+1
456.89	63.10718195	6.310718195e+1
456.9	63.108563184	6.3108563184e+1

456.91	63.109944418	6.3109944418e+1
456.92	63.111325651	6.3111325651e+1
456.93	63.112706885	6.3112706885e+1
456.94	63.114088118	6.3114088118e+1
456.95	63.115469352	6.3115469352e+1
456.96	63.116850586	6.3116850586e+1
456.97	63.118231819	6.3118231819e+1
456.98	63.119613053	6.3119613053e+1
456.99	63.120994286	6.3120994286e+1
457	63.12237552	6.312237552e+1
457.01	63.123756754	6.3123756754e+1
457.02	63.125137987	6.3125137987e+1
457.03	63.126519221	6.3126519221e+1
457.04	63.127900454	6.3127900454e+1
457.05	63.129281688	6.3129281688e+1
457.06	63.130662922	6.3130662922e+1
457.07	63.132044155	6.3132044155e+1
457.08	63.133425389	6.3133425389e+1
457.09	63.134806622	6.3134806622e+1
457.1	63.136187856	6.3136187856e+1
457.11	63.13756909	6.313756909e+1
457.12	63.138950323	6.3138950323e+1
457.13	63.140331557	6.3140331557e+1
457.14	63.14171279	6.314171279e+1
457.15	63.143094024	6.3143094024e+1
457.16	63.144475258	6.3144475258e+1
457.17	63.145856491	6.3145856491e+1
457.18	63.147237725	6.3147237725e+1
457.19	63.148618958	6.3148618958e+1
457.2	63.150000192	6.3150000192e+1
457.21	63.151381426	6.3151381426e+1
457.22	63.152762659	6.3152762659e+1
457.23	63.154143893	6.3154143893e+1
457.24	63.155525126	6.3155525126e+1
457.25	63.15690636	6.315690636e+1
457.26	63.158287594	6.3158287594e+1
457.27	63.159668827	6.3159668827e+1
457.28	63.161050061	6.3161050061e+1

457.29	63.162431294	6.3162431294e+1
457.3	63.163812528	6.3163812528e+1
457.31	63.165193762	6.3165193762e+1
457.32	63.166574995	6.3166574995e+1
457.33	63.167956229	6.3167956229e+1
457.34	63.169337462	6.3169337462e+1
457.35	63.170718696	6.3170718696e+1
457.36	63.17209993	6.317209993e+1
457.37	63.173481163	6.3173481163e+1
457.38	63.174862397	6.3174862397e+1
457.39	63.17624363	6.317624363e+1
457.4	63.177624864	6.3177624864e+1
457.41	63.179006098	6.3179006098e+1
457.42	63.180387331	6.3180387331e+1
457.43	63.181768565	6.3181768565e+1
457.44	63.183149798	6.3183149798e+1
457.45	63.184531032	6.3184531032e+1
457.46	63.185912266	6.3185912266e+1
457.47	63.187293499	6.3187293499e+1
457.48	63.188674733	6.3188674733e+1
457.49	63.190055966	6.3190055966e+1
457.5	63.1914372	6.31914372e+1
457.51	63.192818434	6.3192818434e+1
457.52	63.194199667	6.3194199667e+1
457.53	63.195580901	6.3195580901e+1
457.54	63.196962134	6.3196962134e+1
457.55	63.198343368	6.3198343368e+1
457.56	63.199724602	6.3199724602e+1
457.57	63.201105835	6.3201105835e+1
457.58	63.202487069	6.3202487069e+1
457.59	63.203868302	6.3203868302e+1
457.6	63.205249536	6.3205249536e+1
457.61	63.20663077	6.320663077e+1
457.62	63.208012003	6.3208012003e+1
457.63	63.209393237	6.3209393237e+1
457.64	63.21077447	6.321077447e+1
457.65	63.212155704	6.3212155704e+1
457.66	63.213536938	6.3213536938e+1

457.67	63.214918171	6.3214918171e+1
457.68	63.216299405	6.3216299405e+1
457.69	63.217680638	6.3217680638e+1
457.7	63.219061872	6.3219061872e+1
457.71	63.220443106	6.3220443106e+1
457.72	63.221824339	6.3221824339e+1
457.73	63.223205573	6.3223205573e+1
457.74	63.224586806	6.3224586806e+1
457.75	63.22596804	6.322596804e+1
457.76	63.227349274	6.3227349274e+1
457.77	63.228730507	6.3228730507e+1
457.78	63.230111741	6.3230111741e+1
457.79	63.231492974	6.3231492974e+1
457.8	63.232874208	6.3232874208e+1
457.81	63.234255442	6.3234255442e+1
457.82	63.235636675	6.3235636675e+1
457.83	63.237017909	6.3237017909e+1
457.84	63.238399142	6.3238399142e+1
457.85	63.239780376	6.3239780376e+1
457.86	63.24116161	6.324116161e+1
457.87	63.242542843	6.3242542843e+1
457.88	63.243924077	6.3243924077e+1
457.89	63.24530531	6.324530531e+1
457.9	63.246686544	6.3246686544e+1
457.91	63.248067778	6.3248067778e+1
457.92	63.249449011	6.3249449011e+1
457.93	63.250830245	6.3250830245e+1
457.94	63.252211478	6.3252211478e+1
457.95	63.253592712	6.3253592712e+1
457.96	63.254973946	6.3254973946e+1
457.97	63.256355179	6.3256355179e+1
457.98	63.257736413	6.3257736413e+1
457.99	63.259117646	6.3259117646e+1
458	63.26049888	6.326049888e+1
458.01	63.261880114	6.3261880114e+1
458.02	63.263261347	6.3263261347e+1
458.03	63.264642581	6.3264642581e+1
458.04	63.266023814	6.3266023814e+1

458.05	63.267405048	6.3267405048e+1
458.06	63.268786282	6.3268786282e+1
458.07	63.270167515	6.3270167515e+1
458.08	63.271548749	6.3271548749e+1
458.09	63.272929982	6.3272929982e+1
458.1	63.274311216	6.3274311216e+1
458.11	63.27569245	6.327569245e+1
458.12	63.277073683	6.3277073683e+1
458.13	63.278454917	6.3278454917e+1
458.14	63.27983615	6.327983615e+1
458.15	63.281217384	6.3281217384e+1
458.16	63.282598618	6.3282598618e+1
458.17	63.283979851	6.3283979851e+1
458.18	63.285361085	6.3285361085e+1
458.19	63.286742318	6.3286742318e+1
458.2	63.288123552	6.3288123552e+1
458.21	63.289504786	6.3289504786e+1
458.22	63.290886019	6.3290886019e+1
458.23	63.292267253	6.3292267253e+1
458.24	63.293648486	6.3293648486e+1
458.25	63.29502972	6.329502972e+1
458.26	63.296410954	6.3296410954e+1
458.27	63.297792187	6.3297792187e+1
458.28	63.299173421	6.3299173421e+1
458.29	63.300554654	6.3300554654e+1
458.3	63.301935888	6.3301935888e+1
458.31	63.303317122	6.3303317122e+1
458.32	63.304698355	6.3304698355e+1
458.33	63.306079589	6.3306079589e+1
458.34	63.307460822	6.3307460822e+1
458.35	63.308842056	6.3308842056e+1
458.36	63.31022329	6.331022329e+1
458.37	63.311604523	6.3311604523e+1
458.38	63.312985757	6.3312985757e+1
458.39	63.31436699	6.331436699e+1
458.4	63.315748224	6.3315748224e+1
458.41	63.317129458	6.3317129458e+1
458.42	63.318510691	6.3318510691e+1

458.43	63.319891925	6.3319891925e+1
458.44	63.321273158	6.3321273158e+1
458.45	63.322654392	6.3322654392e+1
458.46	63.324035626	6.3324035626e+1
458.47	63.325416859	6.3325416859e+1
458.48	63.326798093	6.3326798093e+1
458.49	63.328179326	6.3328179326e+1
458.5	63.32956056	6.332956056e+1
458.51	63.330941794	6.3330941794e+1
458.52	63.332323027	6.3332323027e+1
458.53	63.333704261	6.3333704261e+1
458.54	63.335085494	6.3335085494e+1
458.55	63.336466728	6.3336466728e+1
458.56	63.337847962	6.3337847962e+1
458.57	63.339229195	6.3339229195e+1
458.58	63.340610429	6.3340610429e+1
458.59	63.341991662	6.3341991662e+1
458.6	63.343372896	6.3343372896e+1
458.61	63.34475413	6.334475413e+1
458.62	63.346135363	6.3346135363e+1
458.63	63.347516597	6.3347516597e+1
458.64	63.34889783	6.334889783e+1
458.65	63.350279064	6.3350279064e+1
458.66	63.351660298	6.3351660298e+1
458.67	63.353041531	6.3353041531e+1
458.68	63.354422765	6.3354422765e+1
458.69	63.355803998	6.3355803998e+1
458.7	63.357185232	6.3357185232e+1
458.71	63.358566466	6.3358566466e+1
458.72	63.359947699	6.3359947699e+1
458.73	63.361328933	6.3361328933e+1
458.74	63.362710166	6.3362710166e+1
458.75	63.3640914	6.33640914e+1
458.76	63.365472634	6.3365472634e+1
458.77	63.366853867	6.3366853867e+1
458.78	63.368235101	6.3368235101e+1
458.79	63.369616334	6.3369616334e+1
458.8	63.370997568	6.3370997568e+1

458.81	63.372378802	6.3372378802e+1
458.82	63.373760035	6.3373760035e+1
458.83	63.375141269	6.3375141269e+1
458.84	63.376522502	6.3376522502e+1
458.85	63.377903736	6.3377903736e+1
458.86	63.37928497	6.337928497e+1
458.87	63.380666203	6.3380666203e+1
458.88	63.382047437	6.3382047437e+1
458.89	63.38342867	6.338342867e+1
458.9	63.384809904	6.3384809904e+1
458.91	63.386191138	6.3386191138e+1
458.92	63.387572371	6.3387572371e+1
458.93	63.388953605	6.3388953605e+1
458.94	63.390334838	6.3390334838e+1
458.95	63.391716072	6.3391716072e+1
458.96	63.393097306	6.3393097306e+1
458.97	63.394478539	6.3394478539e+1
458.98	63.395859773	6.3395859773e+1
458.99	63.397241006	6.3397241006e+1
459	63.39862224	6.339862224e+1
459.01	63.400003474	6.3400003474e+1
459.02	63.401384707	6.3401384707e+1
459.03	63.402765941	6.3402765941e+1
459.04	63.404147174	6.3404147174e+1
459.05	63.405528408	6.3405528408e+1
459.06	63.406909642	6.3406909642e+1
459.07	63.408290875	6.3408290875e+1
459.08	63.409672109	6.3409672109e+1
459.09	63.411053342	6.3411053342e+1
459.1	63.412434576	6.3412434576e+1
459.11	63.41381581	6.341381581e+1
459.12	63.415197043	6.3415197043e+1
459.13	63.416578277	6.3416578277e+1
459.14	63.41795951	6.341795951e+1
459.15	63.419340744	6.3419340744e+1
459.16	63.420721978	6.3420721978e+1
459.17	63.422103211	6.3422103211e+1
459.18	63.423484445	6.3423484445e+1

459.19	63.424865678	6.3424865678e+1
459.2	63.426246912	6.3426246912e+1
459.21	63.427628146	6.3427628146e+1
459.22	63.429009379	6.3429009379e+1
459.23	63.430390613	6.3430390613e+1
459.24	63.431771846	6.3431771846e+1
459.25	63.43315308	6.343315308e+1
459.26	63.434534314	6.3434534314e+1
459.27	63.435915547	6.3435915547e+1
459.28	63.437296781	6.3437296781e+1
459.29	63.438678014	6.3438678014e+1
459.3	63.440059248	6.3440059248e+1
459.31	63.441440482	6.3441440482e+1
459.32	63.442821715	6.3442821715e+1
459.33	63.444202949	6.3444202949e+1
459.34	63.445584182	6.3445584182e+1
459.35	63.446965416	6.3446965416e+1
459.36	63.44834665	6.344834665e+1
459.37	63.449727883	6.3449727883e+1
459.38	63.451109117	6.3451109117e+1
459.39	63.45249035	6.345249035e+1
459.4	63.453871584	6.3453871584e+1
459.41	63.455252818	6.3455252818e+1
459.42	63.456634051	6.3456634051e+1
459.43	63.458015285	6.3458015285e+1
459.44	63.459396518	6.3459396518e+1
459.45	63.460777752	6.3460777752e+1
459.46	63.462158986	6.3462158986e+1
459.47	63.463540219	6.3463540219e+1
459.48	63.464921453	6.3464921453e+1
459.49	63.466302686	6.3466302686e+1
459.5	63.46768392	6.346768392e+1
459.51	63.469065154	6.3469065154e+1
459.52	63.470446387	6.3470446387e+1
459.53	63.471827621	6.3471827621e+1
459.54	63.473208854	6.3473208854e+1
459.55	63.474590088	6.3474590088e+1
459.56	63.475971322	6.3475971322e+1

459.57	63.477352555	6.3477352555e+1
459.58	63.478733789	6.3478733789e+1
459.59	63.480115022	6.3480115022e+1
459.6	63.481496256	6.3481496256e+1
459.61	63.48287749	6.348287749e+1
459.62	63.484258723	6.3484258723e+1
459.63	63.485639957	6.3485639957e+1
459.64	63.48702119	6.348702119e+1
459.65	63.488402424	6.3488402424e+1
459.66	63.489783658	6.3489783658e+1
459.67	63.491164891	6.3491164891e+1
459.68	63.492546125	6.3492546125e+1
459.69	63.493927358	6.3493927358e+1
459.7	63.495308592	6.3495308592e+1
459.71	63.496689826	6.3496689826e+1
459.72	63.498071059	6.3498071059e+1
459.73	63.499452293	6.3499452293e+1
459.74	63.500833526	6.3500833526e+1
459.75	63.50221476	6.350221476e+1
459.76	63.503595994	6.3503595994e+1
459.77	63.504977227	6.3504977227e+1
459.78	63.506358461	6.3506358461e+1
459.79	63.507739694	6.3507739694e+1
459.8	63.509120928	6.3509120928e+1
459.81	63.510502162	6.3510502162e+1
459.82	63.511883395	6.3511883395e+1
459.83	63.513264629	6.3513264629e+1
459.84	63.514645862	6.3514645862e+1
459.85	63.516027096	6.3516027096e+1
459.86	63.51740833	6.351740833e+1
459.87	63.518789563	6.3518789563e+1
459.88	63.520170797	6.3520170797e+1
459.89	63.52155203	6.352155203e+1
459.9	63.522933264	6.3522933264e+1
459.91	63.524314498	6.3524314498e+1
459.92	63.525695731	6.3525695731e+1
459.93	63.527076965	6.3527076965e+1
459.94	63.528458198	6.3528458198e+1

459.95	63.529839432	6.3529839432e+1
459.96	63.531220666	6.3531220666e+1
459.97	63.532601899	6.3532601899e+1
459.98	63.533983133	6.3533983133e+1
459.99	63.535364366	6.3535364366e+1
460	63.5367456	6.35367456e+1
460.01	63.538126834	6.3538126834e+1
460.02	63.539508067	6.3539508067e+1
460.03	63.540889301	6.3540889301e+1
460.04	63.542270534	6.3542270534e+1
460.05	63.543651768	6.3543651768e+1
460.06	63.545033002	6.3545033002e+1
460.07	63.546414235	6.3546414235e+1
460.08	63.547795469	6.3547795469e+1
460.09	63.549176702	6.3549176702e+1
460.1	63.550557936	6.3550557936e+1
460.11	63.55193917	6.355193917e+1
460.12	63.553320403	6.3553320403e+1
460.13	63.554701637	6.3554701637e+1
460.14	63.55608287	6.355608287e+1
460.15	63.557464104	6.3557464104e+1
460.16	63.558845338	6.3558845338e+1
460.17	63.560226571	6.3560226571e+1
460.18	63.561607805	6.3561607805e+1
460.19	63.562989038	6.3562989038e+1
460.2	63.564370272	6.3564370272e+1
460.21	63.565751506	6.3565751506e+1
460.22	63.567132739	6.3567132739e+1
460.23	63.568513973	6.3568513973e+1
460.24	63.569895206	6.3569895206e+1
460.25	63.57127644	6.357127644e+1
460.26	63.572657674	6.3572657674e+1
460.27	63.574038907	6.3574038907e+1
460.28	63.575420141	6.3575420141e+1
460.29	63.576801374	6.3576801374e+1
460.3	63.578182608	6.3578182608e+1
460.31	63.579563842	6.3579563842e+1
460.32	63.580945075	6.3580945075e+1

460.33	63.582326309	6.3582326309e+1
460.34	63.583707542	6.3583707542e+1
460.35	63.585088776	6.3585088776e+1
460.36	63.58647001	6.358647001e+1
460.37	63.587851243	6.3587851243e+1
460.38	63.589232477	6.3589232477e+1
460.39	63.59061371	6.359061371e+1
460.4	63.591994944	6.3591994944e+1
460.41	63.593376178	6.3593376178e+1
460.42	63.594757411	6.3594757411e+1
460.43	63.596138645	6.3596138645e+1
460.44	63.597519878	6.3597519878e+1
460.45	63.598901112	6.3598901112e+1
460.46	63.600282346	6.3600282346e+1
460.47	63.601663579	6.3601663579e+1
460.48	63.603044813	6.3603044813e+1
460.49	63.604426046	6.3604426046e+1
460.5	63.60580728	6.360580728e+1
460.51	63.607188514	6.3607188514e+1
460.52	63.608569747	6.3608569747e+1
460.53	63.609950981	6.3609950981e+1
460.54	63.611332214	6.3611332214e+1
460.55	63.612713448	6.3612713448e+1
460.56	63.614094682	6.3614094682e+1
460.57	63.615475915	6.3615475915e+1
460.58	63.616857149	6.3616857149e+1
460.59	63.618238382	6.3618238382e+1
460.6	63.619619616	6.3619619616e+1
460.61	63.62100085	6.362100085e+1
460.62	63.622382083	6.3622382083e+1
460.63	63.623763317	6.3623763317e+1
460.64	63.62514455	6.362514455e+1
460.65	63.626525784	6.3626525784e+1
460.66	63.627907018	6.3627907018e+1
460.67	63.629288251	6.3629288251e+1
460.68	63.630669485	6.3630669485e+1
460.69	63.632050718	6.3632050718e+1
460.7	63.633431952	6.3633431952e+1

460.71	63.634813186	6.3634813186e+1
460.72	63.636194419	6.3636194419e+1
460.73	63.637575653	6.3637575653e+1
460.74	63.638956886	6.3638956886e+1
460.75	63.64033812	6.364033812e+1
460.76	63.641719354	6.3641719354e+1
460.77	63.643100587	6.3643100587e+1
460.78	63.644481821	6.3644481821e+1
460.79	63.645863054	6.3645863054e+1
460.8	63.647244288	6.3647244288e+1
460.81	63.648625522	6.3648625522e+1
460.82	63.650006755	6.3650006755e+1
460.83	63.651387989	6.3651387989e+1
460.84	63.652769222	6.3652769222e+1
460.85	63.654150456	6.3654150456e+1
460.86	63.65553169	6.365553169e+1
460.87	63.656912923	6.3656912923e+1
460.88	63.658294157	6.3658294157e+1
460.89	63.65967539	6.365967539e+1
460.9	63.661056624	6.3661056624e+1
460.91	63.662437858	6.3662437858e+1
460.92	63.663819091	6.3663819091e+1
460.93	63.665200325	6.3665200325e+1
460.94	63.666581558	6.3666581558e+1
460.95	63.667962792	6.3667962792e+1
460.96	63.669344026	6.3669344026e+1
460.97	63.670725259	6.3670725259e+1
460.98	63.672106493	6.3672106493e+1
460.99	63.673487726	6.3673487726e+1
461	63.67486896	6.367486896e+1
461.01	63.676250194	6.3676250194e+1
461.02	63.677631427	6.3677631427e+1
461.03	63.679012661	6.3679012661e+1
461.04	63.680393894	6.3680393894e+1
461.05	63.681775128	6.3681775128e+1
461.06	63.683156362	6.3683156362e+1
461.07	63.684537595	6.3684537595e+1
461.08	63.685918829	6.3685918829e+1

461.09	63.687300062	6.3687300062e+1
461.1	63.688681296	6.3688681296e+1
461.11	63.69006253	6.369006253e+1
461.12	63.691443763	6.3691443763e+1
461.13	63.692824997	6.3692824997e+1
461.14	63.69420623	6.369420623e+1
461.15	63.695587464	6.3695587464e+1
461.16	63.696968698	6.3696968698e+1
461.17	63.698349931	6.3698349931e+1
461.18	63.699731165	6.3699731165e+1
461.19	63.701112398	6.3701112398e+1
461.2	63.702493632	6.3702493632e+1
461.21	63.703874866	6.3703874866e+1
461.22	63.705256099	6.3705256099e+1
461.23	63.706637333	6.3706637333e+1
461.24	63.708018566	6.3708018566e+1
461.25	63.7093998	6.37093998e+1
461.26	63.710781034	6.3710781034e+1
461.27	63.712162267	6.3712162267e+1
461.28	63.713543501	6.3713543501e+1
461.29	63.714924734	6.3714924734e+1
461.3	63.716305968	6.3716305968e+1
461.31	63.717687202	6.3717687202e+1
461.32	63.719068435	6.3719068435e+1
461.33	63.720449669	6.3720449669e+1
461.34	63.721830902	6.3721830902e+1
461.35	63.723212136	6.3723212136e+1
461.36	63.72459337	6.372459337e+1
461.37	63.725974603	6.3725974603e+1
461.38	63.727355837	6.3727355837e+1
461.39	63.72873707	6.372873707e+1
461.4	63.730118304	6.3730118304e+1
461.41	63.731499538	6.3731499538e+1
461.42	63.732880771	6.3732880771e+1
461.43	63.734262005	6.3734262005e+1
461.44	63.735643238	6.3735643238e+1
461.45	63.737024472	6.3737024472e+1
461.46	63.738405706	6.3738405706e+1

461.47	63.739786939	6.3739786939e+1
461.48	63.741168173	6.3741168173e+1
461.49	63.742549406	6.3742549406e+1
461.5	63.74393064	6.374393064e+1
461.51	63.745311874	6.3745311874e+1
461.52	63.746693107	6.3746693107e+1
461.53	63.748074341	6.3748074341e+1
461.54	63.749455574	6.3749455574e+1
461.55	63.750836808	6.3750836808e+1
461.56	63.752218042	6.3752218042e+1
461.57	63.753599275	6.3753599275e+1
461.58	63.754980509	6.3754980509e+1
461.59	63.756361742	6.3756361742e+1
461.6	63.757742976	6.3757742976e+1
461.61	63.75912421	6.375912421e+1
461.62	63.760505443	6.3760505443e+1
461.63	63.761886677	6.3761886677e+1
461.64	63.76326791	6.376326791e+1
461.65	63.764649144	6.3764649144e+1
461.66	63.766030378	6.3766030378e+1
461.67	63.767411611	6.3767411611e+1
461.68	63.768792845	6.3768792845e+1
461.69	63.770174078	6.3770174078e+1
461.7	63.771555312	6.3771555312e+1
461.71	63.772936546	6.3772936546e+1
461.72	63.774317779	6.3774317779e+1
461.73	63.775699013	6.3775699013e+1
461.74	63.777080246	6.3777080246e+1
461.75	63.77846148	6.377846148e+1
461.76	63.779842714	6.3779842714e+1
461.77	63.781223947	6.3781223947e+1
461.78	63.782605181	6.3782605181e+1
461.79	63.783986414	6.3783986414e+1
461.8	63.785367648	6.3785367648e+1
461.81	63.786748882	6.3786748882e+1
461.82	63.788130115	6.3788130115e+1
461.83	63.789511349	6.3789511349e+1
461.84	63.790892582	6.3790892582e+1

461.85	63.792273816	6.3792273816e+1
461.86	63.79365505	6.379365505e+1
461.87	63.795036283	6.3795036283e+1
461.88	63.796417517	6.3796417517e+1
461.89	63.79779875	6.379779875e+1
461.9	63.799179984	6.3799179984e+1
461.91	63.800561218	6.3800561218e+1
461.92	63.801942451	6.3801942451e+1
461.93	63.803323685	6.3803323685e+1
461.94	63.804704918	6.3804704918e+1
461.95	63.806086152	6.3806086152e+1
461.96	63.807467386	6.3807467386e+1
461.97	63.808848619	6.3808848619e+1
461.98	63.810229853	6.3810229853e+1
461.99	63.811611086	6.3811611086e+1
462	63.81299232	6.381299232e+1
462.01	63.814373554	6.3814373554e+1
462.02	63.815754787	6.3815754787e+1
462.03	63.817136021	6.3817136021e+1
462.04	63.818517254	6.3818517254e+1
462.05	63.819898488	6.3819898488e+1
462.06	63.821279722	6.3821279722e+1
462.07	63.822660955	6.3822660955e+1
462.08	63.824042189	6.3824042189e+1
462.09	63.825423422	6.3825423422e+1
462.1	63.826804656	6.3826804656e+1
462.11	63.82818589	6.382818589e+1
462.12	63.829567123	6.3829567123e+1
462.13	63.830948357	6.3830948357e+1
462.14	63.83232959	6.383232959e+1
462.15	63.833710824	6.3833710824e+1
462.16	63.835092058	6.3835092058e+1
462.17	63.836473291	6.3836473291e+1
462.18	63.837854525	6.3837854525e+1
462.19	63.839235758	6.3839235758e+1
462.2	63.840616992	6.3840616992e+1
462.21	63.841998226	6.3841998226e+1
462.22	63.843379459	6.3843379459e+1

462.23	63.844760693	6.3844760693e+1
462.24	63.846141926	6.3846141926e+1
462.25	63.84752316	6.384752316e+1
462.26	63.848904394	6.3848904394e+1
462.27	63.850285627	6.3850285627e+1
462.28	63.851666861	6.3851666861e+1
462.29	63.853048094	6.3853048094e+1
462.3	63.854429328	6.3854429328e+1
462.31	63.855810562	6.3855810562e+1
462.32	63.857191795	6.3857191795e+1
462.33	63.858573029	6.3858573029e+1
462.34	63.859954262	6.3859954262e+1
462.35	63.861335496	6.3861335496e+1
462.36	63.86271673	6.386271673e+1
462.37	63.864097963	6.3864097963e+1
462.38	63.865479197	6.3865479197e+1
462.39	63.86686043	6.386686043e+1
462.4	63.868241664	6.3868241664e+1
462.41	63.869622898	6.3869622898e+1
462.42	63.871004131	6.3871004131e+1
462.43	63.872385365	6.3872385365e+1
462.44	63.873766598	6.3873766598e+1
462.45	63.875147832	6.3875147832e+1
462.46	63.876529066	6.3876529066e+1
462.47	63.877910299	6.3877910299e+1
462.48	63.879291533	6.3879291533e+1
462.49	63.880672766	6.3880672766e+1
462.5	63.882054	6.3882054e+1
462.51	63.883435234	6.3883435234e+1
462.52	63.884816467	6.3884816467e+1
462.53	63.886197701	6.3886197701e+1
462.54	63.887578934	6.3887578934e+1
462.55	63.888960168	6.3888960168e+1
462.56	63.890341402	6.3890341402e+1
462.57	63.891722635	6.3891722635e+1
462.58	63.893103869	6.3893103869e+1
462.59	63.894485102	6.3894485102e+1
462.6	63.895866336	6.3895866336e+1

462.61	63.89724757	6.389724757e+1
462.62	63.898628803	6.3898628803e+1
462.63	63.900010037	6.3900010037e+1
462.64	63.90139127	6.390139127e+1
462.65	63.902772504	6.3902772504e+1
462.66	63.904153738	6.3904153738e+1
462.67	63.905534971	6.3905534971e+1
462.68	63.906916205	6.3906916205e+1
462.69	63.908297438	6.3908297438e+1
462.7	63.909678672	6.3909678672e+1
462.71	63.911059906	6.3911059906e+1
462.72	63.912441139	6.3912441139e+1
462.73	63.913822373	6.3913822373e+1
462.74	63.915203606	6.3915203606e+1
462.75	63.91658484	6.391658484e+1
462.76	63.917966074	6.3917966074e+1
462.77	63.919347307	6.3919347307e+1
462.78	63.920728541	6.3920728541e+1
462.79	63.922109774	6.3922109774e+1
462.8	63.923491008	6.3923491008e+1
462.81	63.924872242	6.3924872242e+1
462.82	63.926253475	6.3926253475e+1
462.83	63.927634709	6.3927634709e+1
462.84	63.929015942	6.3929015942e+1
462.85	63.930397176	6.3930397176e+1
462.86	63.93177841	6.393177841e+1
462.87	63.933159643	6.3933159643e+1
462.88	63.934540877	6.3934540877e+1
462.89	63.93592211	6.393592211e+1
462.9	63.937303344	6.3937303344e+1
462.91	63.938684578	6.3938684578e+1
462.92	63.940065811	6.3940065811e+1
462.93	63.941447045	6.3941447045e+1
462.94	63.942828278	6.3942828278e+1
462.95	63.944209512	6.3944209512e+1
462.96	63.945590746	6.3945590746e+1
462.97	63.946971979	6.3946971979e+1
462.98	63.948353213	6.3948353213e+1

462.99	63.949734446	6.3949734446e+1
463	63.95111568	6.395111568e+1
463.01	63.952496914	6.3952496914e+1
463.02	63.953878147	6.3953878147e+1
463.03	63.955259381	6.3955259381e+1
463.04	63.956640614	6.3956640614e+1
463.05	63.958021848	6.3958021848e+1
463.06	63.959403082	6.3959403082e+1
463.07	63.960784315	6.3960784315e+1
463.08	63.962165549	6.3962165549e+1
463.09	63.963546782	6.3963546782e+1
463.1	63.964928016	6.3964928016e+1
463.11	63.96630925	6.396630925e+1
463.12	63.967690483	6.3967690483e+1
463.13	63.969071717	6.3969071717e+1
463.14	63.97045295	6.397045295e+1
463.15	63.971834184	6.3971834184e+1
463.16	63.973215418	6.3973215418e+1
463.17	63.974596651	6.3974596651e+1
463.18	63.975977885	6.3975977885e+1
463.19	63.977359118	6.3977359118e+1
463.2	63.978740352	6.3978740352e+1
463.21	63.980121586	6.3980121586e+1
463.22	63.981502819	6.3981502819e+1
463.23	63.982884053	6.3982884053e+1
463.24	63.984265286	6.3984265286e+1
463.25	63.98564652	6.398564652e+1
463.26	63.987027754	6.3987027754e+1
463.27	63.988408987	6.3988408987e+1
463.28	63.989790221	6.3989790221e+1
463.29	63.991171454	6.3991171454e+1
463.3	63.992552688	6.3992552688e+1
463.31	63.993933922	6.3993933922e+1
463.32	63.995315155	6.3995315155e+1
463.33	63.996696389	6.3996696389e+1
463.34	63.998077622	6.3998077622e+1
463.35	63.999458856	6.3999458856e+1
463.36	64.00084009	6.400084009e+1

463.37	64.002221323	6.4002221323e+1
463.38	64.003602557	6.4003602557e+1
463.39	64.00498379	6.400498379e+1
463.4	64.006365024	6.4006365024e+1
463.41	64.007746258	6.4007746258e+1
463.42	64.009127491	6.4009127491e+1
463.43	64.010508725	6.4010508725e+1
463.44	64.011889958	6.4011889958e+1
463.45	64.013271192	6.4013271192e+1
463.46	64.014652426	6.4014652426e+1
463.47	64.016033659	6.4016033659e+1
463.48	64.017414893	6.4017414893e+1
463.49	64.018796126	6.4018796126e+1
463.5	64.02017736	6.402017736e+1
463.51	64.021558594	6.4021558594e+1
463.52	64.022939827	6.4022939827e+1
463.53	64.024321061	6.4024321061e+1
463.54	64.025702294	6.4025702294e+1
463.55	64.027083528	6.4027083528e+1
463.56	64.028464762	6.4028464762e+1
463.57	64.029845995	6.4029845995e+1
463.58	64.031227229	6.4031227229e+1
463.59	64.032608462	6.4032608462e+1
463.6	64.033989696	6.4033989696e+1
463.61	64.03537093	6.403537093e+1
463.62	64.036752163	6.4036752163e+1
463.63	64.038133397	6.4038133397e+1
463.64	64.03951463	6.403951463e+1
463.65	64.040895864	6.4040895864e+1
463.66	64.042277098	6.4042277098e+1
463.67	64.043658331	6.4043658331e+1
463.68	64.045039565	6.4045039565e+1
463.69	64.046420798	6.4046420798e+1
463.7	64.047802032	6.4047802032e+1
463.71	64.049183266	6.4049183266e+1
463.72	64.050564499	6.4050564499e+1
463.73	64.051945733	6.4051945733e+1
463.74	64.053326966	6.4053326966e+1

463.75	64.0547082	6.40547082e+1
463.76	64.056089434	6.4056089434e+1
463.77	64.057470667	6.4057470667e+1
463.78	64.058851901	6.4058851901e+1
463.79	64.060233134	6.4060233134e+1
463.8	64.061614368	6.4061614368e+1
463.81	64.062995602	6.4062995602e+1
463.82	64.064376835	6.4064376835e+1
463.83	64.065758069	6.4065758069e+1
463.84	64.067139302	6.4067139302e+1
463.85	64.068520536	6.4068520536e+1
463.86	64.06990177	6.406990177e+1
463.87	64.071283003	6.4071283003e+1
463.88	64.072664237	6.4072664237e+1
463.89	64.07404547	6.407404547e+1
463.9	64.075426704	6.4075426704e+1
463.91	64.076807938	6.4076807938e+1
463.92	64.078189171	6.4078189171e+1
463.93	64.079570405	6.4079570405e+1
463.94	64.080951638	6.4080951638e+1
463.95	64.082332872	6.4082332872e+1
463.96	64.083714106	6.4083714106e+1
463.97	64.085095339	6.4085095339e+1
463.98	64.086476573	6.4086476573e+1
463.99	64.087857806	6.4087857806e+1
464	64.08923904	6.408923904e+1
464.01	64.090620274	6.4090620274e+1
464.02	64.092001507	6.4092001507e+1
464.03	64.093382741	6.4093382741e+1
464.04	64.094763974	6.4094763974e+1
464.05	64.096145208	6.4096145208e+1
464.06	64.097526442	6.4097526442e+1
464.07	64.098907675	6.4098907675e+1
464.08	64.100288909	6.4100288909e+1
464.09	64.101670142	6.4101670142e+1
464.1	64.103051376	6.4103051376e+1
464.11	64.10443261	6.410443261e+1
464.12	64.105813843	6.4105813843e+1

464.13	64.107195077	6.4107195077e+1
464.14	64.10857631	6.410857631e+1
464.15	64.109957544	6.4109957544e+1
464.16	64.111338778	6.4111338778e+1
464.17	64.112720011	6.4112720011e+1
464.18	64.114101245	6.4114101245e+1
464.19	64.115482478	6.4115482478e+1
464.2	64.116863712	6.4116863712e+1
464.21	64.118244946	6.4118244946e+1
464.22	64.119626179	6.4119626179e+1
464.23	64.121007413	6.4121007413e+1
464.24	64.122388646	6.4122388646e+1
464.25	64.12376988	6.412376988e+1
464.26	64.125151114	6.4125151114e+1
464.27	64.126532347	6.4126532347e+1
464.28	64.127913581	6.4127913581e+1
464.29	64.129294814	6.4129294814e+1
464.3	64.130676048	6.4130676048e+1
464.31	64.132057282	6.4132057282e+1
464.32	64.133438515	6.4133438515e+1
464.33	64.134819749	6.4134819749e+1
464.34	64.136200982	6.4136200982e+1
464.35	64.137582216	6.4137582216e+1
464.36	64.13896345	6.413896345e+1
464.37	64.140344683	6.4140344683e+1
464.38	64.141725917	6.4141725917e+1
464.39	64.14310715	6.414310715e+1
464.4	64.144488384	6.4144488384e+1
464.41	64.145869618	6.4145869618e+1
464.42	64.147250851	6.4147250851e+1
464.43	64.148632085	6.4148632085e+1
464.44	64.150013318	6.4150013318e+1
464.45	64.151394552	6.4151394552e+1
464.46	64.152775786	6.4152775786e+1
464.47	64.154157019	6.4154157019e+1
464.48	64.155538253	6.4155538253e+1
464.49	64.156919486	6.4156919486e+1
464.5	64.15830072	6.415830072e+1

464.51	64.159681954	6.4159681954e+1
464.52	64.161063187	6.4161063187e+1
464.53	64.162444421	6.4162444421e+1
464.54	64.163825654	6.4163825654e+1
464.55	64.165206888	6.4165206888e+1
464.56	64.166588122	6.4166588122e+1
464.57	64.167969355	6.4167969355e+1
464.58	64.169350589	6.4169350589e+1
464.59	64.170731822	6.4170731822e+1
464.6	64.172113056	6.4172113056e+1
464.61	64.17349429	6.417349429e+1
464.62	64.174875523	6.4174875523e+1
464.63	64.176256757	6.4176256757e+1
464.64	64.17763799	6.417763799e+1
464.65	64.179019224	6.4179019224e+1
464.66	64.180400458	6.4180400458e+1
464.67	64.181781691	6.4181781691e+1
464.68	64.183162925	6.4183162925e+1
464.69	64.184544158	6.4184544158e+1
464.7	64.185925392	6.4185925392e+1
464.71	64.187306626	6.4187306626e+1
464.72	64.188687859	6.4188687859e+1
464.73	64.190069093	6.4190069093e+1
464.74	64.191450326	6.4191450326e+1
464.75	64.19283156	6.419283156e+1
464.76	64.194212794	6.4194212794e+1
464.77	64.195594027	6.4195594027e+1
464.78	64.196975261	6.4196975261e+1
464.79	64.198356494	6.4198356494e+1
464.8	64.199737728	6.4199737728e+1
464.81	64.201118962	6.4201118962e+1
464.82	64.202500195	6.4202500195e+1
464.83	64.203881429	6.4203881429e+1
464.84	64.205262662	6.4205262662e+1
464.85	64.206643896	6.4206643896e+1
464.86	64.20802513	6.420802513e+1
464.87	64.209406363	6.4209406363e+1
464.88	64.210787597	6.4210787597e+1

464.89	64.21216883	6.421216883e+1
464.9	64.213550064	6.4213550064e+1
464.91	64.214931298	6.4214931298e+1
464.92	64.216312531	6.4216312531e+1
464.93	64.217693765	6.4217693765e+1
464.94	64.219074998	6.4219074998e+1
464.95	64.220456232	6.4220456232e+1
464.96	64.221837466	6.4221837466e+1
464.97	64.223218699	6.4223218699e+1
464.98	64.224599933	6.4224599933e+1
464.99	64.225981166	6.4225981166e+1
465	64.2273624	6.42273624e+1
465.01	64.228743634	6.4228743634e+1
465.02	64.230124867	6.4230124867e+1
465.03	64.231506101	6.4231506101e+1
465.04	64.232887334	6.4232887334e+1
465.05	64.234268568	6.4234268568e+1
465.06	64.235649802	6.4235649802e+1
465.07	64.237031035	6.4237031035e+1
465.08	64.238412269	6.4238412269e+1
465.09	64.239793502	6.4239793502e+1
465.1	64.241174736	6.4241174736e+1
465.11	64.24255597	6.424255597e+1
465.12	64.243937203	6.4243937203e+1
465.13	64.245318437	6.4245318437e+1
465.14	64.24669967	6.424669967e+1
465.15	64.248080904	6.4248080904e+1
465.16	64.249462138	6.4249462138e+1
465.17	64.250843371	6.4250843371e+1
465.18	64.252224605	6.4252224605e+1
465.19	64.253605838	6.4253605838e+1
465.2	64.254987072	6.4254987072e+1
465.21	64.256368306	6.4256368306e+1
465.22	64.257749539	6.4257749539e+1
465.23	64.259130773	6.4259130773e+1
465.24	64.260512006	6.4260512006e+1
465.25	64.26189324	6.426189324e+1
465.26	64.263274474	6.4263274474e+1

465.27	64.264655707	6.4264655707e+1
465.28	64.266036941	6.4266036941e+1
465.29	64.267418174	6.4267418174e+1
465.3	64.268799408	6.4268799408e+1
465.31	64.270180642	6.4270180642e+1
465.32	64.271561875	6.4271561875e+1
465.33	64.272943109	6.4272943109e+1
465.34	64.274324342	6.4274324342e+1
465.35	64.275705576	6.4275705576e+1
465.36	64.27708681	6.427708681e+1
465.37	64.278468043	6.4278468043e+1
465.38	64.279849277	6.4279849277e+1
465.39	64.28123051	6.428123051e+1
465.4	64.282611744	6.4282611744e+1
465.41	64.283992978	6.4283992978e+1
465.42	64.285374211	6.4285374211e+1
465.43	64.286755445	6.4286755445e+1
465.44	64.288136678	6.4288136678e+1
465.45	64.289517912	6.4289517912e+1
465.46	64.290899146	6.4290899146e+1
465.47	64.292280379	6.4292280379e+1
465.48	64.293661613	6.4293661613e+1
465.49	64.295042846	6.4295042846e+1
465.5	64.29642408	6.429642408e+1
465.51	64.297805314	6.4297805314e+1
465.52	64.299186547	6.4299186547e+1
465.53	64.300567781	6.4300567781e+1
465.54	64.301949014	6.4301949014e+1
465.55	64.303330248	6.4303330248e+1
465.56	64.304711482	6.4304711482e+1
465.57	64.306092715	6.4306092715e+1
465.58	64.307473949	6.4307473949e+1
465.59	64.308855182	6.4308855182e+1
465.6	64.310236416	6.4310236416e+1
465.61	64.31161765	6.431161765e+1
465.62	64.312998883	6.4312998883e+1
465.63	64.314380117	6.4314380117e+1
465.64	64.31576135	6.431576135e+1

465.65	64.317142584	6.4317142584e+1
465.66	64.318523818	6.4318523818e+1
465.67	64.319905051	6.4319905051e+1
465.68	64.321286285	6.4321286285e+1
465.69	64.322667518	6.4322667518e+1
465.7	64.324048752	6.4324048752e+1
465.71	64.325429986	6.4325429986e+1
465.72	64.326811219	6.4326811219e+1
465.73	64.328192453	6.4328192453e+1
465.74	64.329573686	6.4329573686e+1
465.75	64.33095492	6.433095492e+1
465.76	64.332336154	6.4332336154e+1
465.77	64.333717387	6.4333717387e+1
465.78	64.335098621	6.4335098621e+1
465.79	64.336479854	6.4336479854e+1
465.8	64.337861088	6.4337861088e+1
465.81	64.339242322	6.4339242322e+1
465.82	64.340623555	6.4340623555e+1
465.83	64.342004789	6.4342004789e+1
465.84	64.343386022	6.4343386022e+1
465.85	64.344767256	6.4344767256e+1
465.86	64.34614849	6.434614849e+1
465.87	64.347529723	6.4347529723e+1
465.88	64.348910957	6.4348910957e+1
465.89	64.35029219	6.435029219e+1
465.9	64.351673424	6.4351673424e+1
465.91	64.353054658	6.4353054658e+1
465.92	64.354435891	6.4354435891e+1
465.93	64.355817125	6.4355817125e+1
465.94	64.357198358	6.4357198358e+1
465.95	64.358579592	6.4358579592e+1
465.96	64.359960826	6.4359960826e+1
465.97	64.361342059	6.4361342059e+1
465.98	64.362723293	6.4362723293e+1
465.99	64.364104526	6.4364104526e+1
466	64.36548576	6.436548576e+1
466.01	64.366866994	6.4366866994e+1
466.02	64.368248227	6.4368248227e+1

466.03	64.369629461	6.4369629461e+1
466.04	64.371010694	6.4371010694e+1
466.05	64.372391928	6.4372391928e+1
466.06	64.373773162	6.4373773162e+1
466.07	64.375154395	6.4375154395e+1
466.08	64.376535629	6.4376535629e+1
466.09	64.377916862	6.4377916862e+1
466.1	64.379298096	6.4379298096e+1
466.11	64.38067933	6.438067933e+1
466.12	64.382060563	6.4382060563e+1
466.13	64.383441797	6.4383441797e+1
466.14	64.38482303	6.438482303e+1
466.15	64.386204264	6.4386204264e+1
466.16	64.387585498	6.4387585498e+1
466.17	64.388966731	6.4388966731e+1
466.18	64.390347965	6.4390347965e+1
466.19	64.391729198	6.4391729198e+1
466.2	64.393110432	6.4393110432e+1
466.21	64.394491666	6.4394491666e+1
466.22	64.395872899	6.4395872899e+1
466.23	64.397254133	6.4397254133e+1
466.24	64.398635366	6.4398635366e+1
466.25	64.4000166	6.44000166e+1
466.26	64.401397834	6.4401397834e+1
466.27	64.402779067	6.4402779067e+1
466.28	64.404160301	6.4404160301e+1
466.29	64.405541534	6.4405541534e+1
466.3	64.406922768	6.4406922768e+1
466.31	64.408304002	6.4408304002e+1
466.32	64.409685235	6.4409685235e+1
466.33	64.411066469	6.4411066469e+1
466.34	64.412447702	6.4412447702e+1
466.35	64.413828936	6.4413828936e+1
466.36	64.41521017	6.441521017e+1
466.37	64.416591403	6.4416591403e+1
466.38	64.417972637	6.4417972637e+1
466.39	64.41935387	6.441935387e+1
466.4	64.420735104	6.4420735104e+1

466.41	64.422116338	6.4422116338e+1
466.42	64.423497571	6.4423497571e+1
466.43	64.424878805	6.4424878805e+1
466.44	64.426260038	6.4426260038e+1
466.45	64.427641272	6.4427641272e+1
466.46	64.429022506	6.4429022506e+1
466.47	64.430403739	6.4430403739e+1
466.48	64.431784973	6.4431784973e+1
466.49	64.433166206	6.4433166206e+1
466.5	64.43454744	6.443454744e+1
466.51	64.435928674	6.4435928674e+1
466.52	64.437309907	6.4437309907e+1
466.53	64.438691141	6.4438691141e+1
466.54	64.440072374	6.4440072374e+1
466.55	64.441453608	6.4441453608e+1
466.56	64.442834842	6.4442834842e+1
466.57	64.444216075	6.4444216075e+1
466.58	64.445597309	6.4445597309e+1
466.59	64.446978542	6.4446978542e+1
466.6	64.448359776	6.4448359776e+1
466.61	64.44974101	6.444974101e+1
466.62	64.451122243	6.4451122243e+1
466.63	64.452503477	6.4452503477e+1
466.64	64.45388471	6.445388471e+1
466.65	64.455265944	6.4455265944e+1
466.66	64.456647178	6.4456647178e+1
466.67	64.458028411	6.4458028411e+1
466.68	64.459409645	6.4459409645e+1
466.69	64.460790878	6.4460790878e+1
466.7	64.462172112	6.4462172112e+1
466.71	64.463553346	6.4463553346e+1
466.72	64.464934579	6.4464934579e+1
466.73	64.466315813	6.4466315813e+1
466.74	64.467697046	6.4467697046e+1
466.75	64.46907828	6.446907828e+1
466.76	64.470459514	6.4470459514e+1
466.77	64.471840747	6.4471840747e+1
466.78	64.473221981	6.4473221981e+1

466.79	64.474603214	6.4474603214e+1
466.8	64.475984448	6.4475984448e+1
466.81	64.477365682	6.4477365682e+1
466.82	64.478746915	6.4478746915e+1
466.83	64.480128149	6.4480128149e+1
466.84	64.481509382	6.4481509382e+1
466.85	64.482890616	6.4482890616e+1
466.86	64.48427185	6.448427185e+1
466.87	64.485653083	6.4485653083e+1
466.88	64.487034317	6.4487034317e+1
466.89	64.48841555	6.448841555e+1
466.9	64.489796784	6.4489796784e+1
466.91	64.491178018	6.4491178018e+1
466.92	64.492559251	6.4492559251e+1
466.93	64.493940485	6.4493940485e+1
466.94	64.495321718	6.4495321718e+1
466.95	64.496702952	6.4496702952e+1
466.96	64.498084186	6.4498084186e+1
466.97	64.499465419	6.4499465419e+1
466.98	64.500846653	6.4500846653e+1
466.99	64.502227886	6.4502227886e+1
467	64.50360912	6.450360912e+1
467.01	64.504990354	6.4504990354e+1
467.02	64.506371587	6.4506371587e+1
467.03	64.507752821	6.4507752821e+1
467.04	64.509134054	6.4509134054e+1
467.05	64.510515288	6.4510515288e+1
467.06	64.511896522	6.4511896522e+1
467.07	64.513277755	6.4513277755e+1
467.08	64.514658989	6.4514658989e+1
467.09	64.516040222	6.4516040222e+1
467.1	64.517421456	6.4517421456e+1
467.11	64.51880269	6.451880269e+1
467.12	64.520183923	6.4520183923e+1
467.13	64.521565157	6.4521565157e+1
467.14	64.52294639	6.452294639e+1
467.15	64.524327624	6.4524327624e+1
467.16	64.525708858	6.4525708858e+1

467.17	64.527090091	6.4527090091e+1
467.18	64.528471325	6.4528471325e+1
467.19	64.529852558	6.4529852558e+1
467.2	64.531233792	6.4531233792e+1
467.21	64.532615026	6.4532615026e+1
467.22	64.533996259	6.4533996259e+1
467.23	64.535377493	6.4535377493e+1
467.24	64.536758726	6.4536758726e+1
467.25	64.53813996	6.453813996e+1
467.26	64.539521194	6.4539521194e+1
467.27	64.540902427	6.4540902427e+1
467.28	64.542283661	6.4542283661e+1
467.29	64.543664894	6.4543664894e+1
467.3	64.545046128	6.4545046128e+1
467.31	64.546427362	6.4546427362e+1
467.32	64.547808595	6.4547808595e+1
467.33	64.549189829	6.4549189829e+1
467.34	64.550571062	6.4550571062e+1
467.35	64.551952296	6.4551952296e+1
467.36	64.55333353	6.455333353e+1
467.37	64.554714763	6.4554714763e+1
467.38	64.556095997	6.4556095997e+1
467.39	64.55747723	6.455747723e+1
467.4	64.558858464	6.4558858464e+1
467.41	64.560239698	6.4560239698e+1
467.42	64.561620931	6.4561620931e+1
467.43	64.563002165	6.4563002165e+1
467.44	64.564383398	6.4564383398e+1
467.45	64.565764632	6.4565764632e+1
467.46	64.567145866	6.4567145866e+1
467.47	64.568527099	6.4568527099e+1
467.48	64.569908333	6.4569908333e+1
467.49	64.571289566	6.4571289566e+1
467.5	64.5726708	6.45726708e+1
467.51	64.574052034	6.4574052034e+1
467.52	64.575433267	6.4575433267e+1
467.53	64.576814501	6.4576814501e+1
467.54	64.578195734	6.4578195734e+1

467.55	64.579576968	6.4579576968e+1
467.56	64.580958202	6.4580958202e+1
467.57	64.582339435	6.4582339435e+1
467.58	64.583720669	6.4583720669e+1
467.59	64.585101902	6.4585101902e+1
467.6	64.586483136	6.4586483136e+1
467.61	64.58786437	6.458786437e+1
467.62	64.589245603	6.4589245603e+1
467.63	64.590626837	6.4590626837e+1
467.64	64.59200807	6.459200807e+1
467.65	64.593389304	6.4593389304e+1
467.66	64.594770538	6.4594770538e+1
467.67	64.596151771	6.4596151771e+1
467.68	64.597533005	6.4597533005e+1
467.69	64.598914238	6.4598914238e+1
467.7	64.600295472	6.4600295472e+1
467.71	64.601676706	6.4601676706e+1
467.72	64.603057939	6.4603057939e+1
467.73	64.604439173	6.4604439173e+1
467.74	64.605820406	6.4605820406e+1
467.75	64.60720164	6.460720164e+1
467.76	64.608582874	6.4608582874e+1
467.77	64.609964107	6.4609964107e+1
467.78	64.611345341	6.4611345341e+1
467.79	64.612726574	6.4612726574e+1
467.8	64.614107808	6.4614107808e+1
467.81	64.615489042	6.4615489042e+1
467.82	64.616870275	6.4616870275e+1
467.83	64.618251509	6.4618251509e+1
467.84	64.619632742	6.4619632742e+1
467.85	64.621013976	6.4621013976e+1
467.86	64.62239521	6.462239521e+1
467.87	64.623776443	6.4623776443e+1
467.88	64.625157677	6.4625157677e+1
467.89	64.62653891	6.462653891e+1
467.9	64.627920144	6.4627920144e+1
467.91	64.629301378	6.4629301378e+1
467.92	64.630682611	6.4630682611e+1

467.93	64.632063845	6.4632063845e+1
467.94	64.633445078	6.4633445078e+1
467.95	64.634826312	6.4634826312e+1
467.96	64.636207546	6.4636207546e+1
467.97	64.637588779	6.4637588779e+1
467.98	64.638970013	6.4638970013e+1
467.99	64.640351246	6.4640351246e+1
468	64.64173248	6.464173248e+1
468.01	64.643113714	6.4643113714e+1
468.02	64.644494947	6.4644494947e+1
468.03	64.645876181	6.4645876181e+1
468.04	64.647257414	6.4647257414e+1
468.05	64.648638648	6.4648638648e+1
468.06	64.650019882	6.4650019882e+1
468.07	64.651401115	6.4651401115e+1
468.08	64.652782349	6.4652782349e+1
468.09	64.654163582	6.4654163582e+1
468.1	64.655544816	6.4655544816e+1
468.11	64.65692605	6.465692605e+1
468.12	64.658307283	6.4658307283e+1
468.13	64.659688517	6.4659688517e+1
468.14	64.66106975	6.466106975e+1
468.15	64.662450984	6.4662450984e+1
468.16	64.663832218	6.4663832218e+1
468.17	64.665213451	6.4665213451e+1
468.18	64.666594685	6.4666594685e+1
468.19	64.667975918	6.4667975918e+1
468.2	64.669357152	6.4669357152e+1
468.21	64.670738386	6.4670738386e+1
468.22	64.672119619	6.4672119619e+1
468.23	64.673500853	6.4673500853e+1
468.24	64.674882086	6.4674882086e+1
468.25	64.67626332	6.467626332e+1
468.26	64.677644554	6.4677644554e+1
468.27	64.679025787	6.4679025787e+1
468.28	64.680407021	6.4680407021e+1
468.29	64.681788254	6.4681788254e+1
468.3	64.683169488	6.4683169488e+1

468.31	64.684550722	6.4684550722e+1
468.32	64.685931955	6.4685931955e+1
468.33	64.687313189	6.4687313189e+1
468.34	64.688694422	6.4688694422e+1
468.35	64.690075656	6.4690075656e+1
468.36	64.69145689	6.469145689e+1
468.37	64.692838123	6.4692838123e+1
468.38	64.694219357	6.4694219357e+1
468.39	64.69560059	6.469560059e+1
468.4	64.696981824	6.4696981824e+1
468.41	64.698363058	6.4698363058e+1
468.42	64.699744291	6.4699744291e+1
468.43	64.701125525	6.4701125525e+1
468.44	64.702506758	6.4702506758e+1
468.45	64.703887992	6.4703887992e+1
468.46	64.705269226	6.4705269226e+1
468.47	64.706650459	6.4706650459e+1
468.48	64.708031693	6.4708031693e+1
468.49	64.709412926	6.4709412926e+1
468.5	64.71079416	6.471079416e+1
468.51	64.712175394	6.4712175394e+1
468.52	64.713556627	6.4713556627e+1
468.53	64.714937861	6.4714937861e+1
468.54	64.716319094	6.4716319094e+1
468.55	64.717700328	6.4717700328e+1
468.56	64.719081562	6.4719081562e+1
468.57	64.720462795	6.4720462795e+1
468.58	64.721844029	6.4721844029e+1
468.59	64.723225262	6.4723225262e+1
468.6	64.724606496	6.4724606496e+1
468.61	64.72598773	6.472598773e+1
468.62	64.727368963	6.4727368963e+1
468.63	64.728750197	6.4728750197e+1
468.64	64.73013143	6.473013143e+1
468.65	64.731512664	6.4731512664e+1
468.66	64.732893898	6.4732893898e+1
468.67	64.734275131	6.4734275131e+1
468.68	64.735656365	6.4735656365e+1

468.69	64.737037598	6.4737037598e+1
468.7	64.738418832	6.4738418832e+1
468.71	64.739800066	6.4739800066e+1
468.72	64.741181299	6.4741181299e+1
468.73	64.742562533	6.4742562533e+1
468.74	64.743943766	6.4743943766e+1
468.75	64.745325	6.4745325e+1
468.76	64.746706234	6.4746706234e+1
468.77	64.748087467	6.4748087467e+1
468.78	64.749468701	6.4749468701e+1
468.79	64.750849934	6.4750849934e+1
468.8	64.752231168	6.4752231168e+1
468.81	64.753612402	6.4753612402e+1
468.82	64.754993635	6.4754993635e+1
468.83	64.756374869	6.4756374869e+1
468.84	64.757756102	6.4757756102e+1
468.85	64.759137336	6.4759137336e+1
468.86	64.76051857	6.476051857e+1
468.87	64.761899803	6.4761899803e+1
468.88	64.763281037	6.4763281037e+1
468.89	64.76466227	6.476466227e+1
468.9	64.766043504	6.4766043504e+1
468.91	64.767424738	6.4767424738e+1
468.92	64.768805971	6.4768805971e+1
468.93	64.770187205	6.4770187205e+1
468.94	64.771568438	6.4771568438e+1
468.95	64.772949672	6.4772949672e+1
468.96	64.774330906	6.4774330906e+1
468.97	64.775712139	6.4775712139e+1
468.98	64.777093373	6.4777093373e+1
468.99	64.778474606	6.4778474606e+1
469	64.77985584	6.477985584e+1
469.01	64.781237074	6.4781237074e+1
469.02	64.782618307	6.4782618307e+1
469.03	64.783999541	6.4783999541e+1
469.04	64.785380774	6.4785380774e+1
469.05	64.786762008	6.4786762008e+1
469.06	64.788143242	6.4788143242e+1

469.07	64.789524475	6.4789524475e+1
469.08	64.790905709	6.4790905709e+1
469.09	64.792286942	6.4792286942e+1
469.1	64.793668176	6.4793668176e+1
469.11	64.79504941	6.479504941e+1
469.12	64.796430643	6.4796430643e+1
469.13	64.797811877	6.4797811877e+1
469.14	64.79919311	6.479919311e+1
469.15	64.800574344	6.4800574344e+1
469.16	64.801955578	6.4801955578e+1
469.17	64.803336811	6.4803336811e+1
469.18	64.804718045	6.4804718045e+1
469.19	64.806099278	6.4806099278e+1
469.2	64.807480512	6.4807480512e+1
469.21	64.808861746	6.4808861746e+1
469.22	64.810242979	6.4810242979e+1
469.23	64.811624213	6.4811624213e+1
469.24	64.813005446	6.4813005446e+1
469.25	64.81438668	6.481438668e+1
469.26	64.815767914	6.4815767914e+1
469.27	64.817149147	6.4817149147e+1
469.28	64.818530381	6.4818530381e+1
469.29	64.819911614	6.4819911614e+1
469.3	64.821292848	6.4821292848e+1
469.31	64.822674082	6.4822674082e+1
469.32	64.824055315	6.4824055315e+1
469.33	64.825436549	6.4825436549e+1
469.34	64.826817782	6.4826817782e+1
469.35	64.828199016	6.4828199016e+1
469.36	64.82958025	6.482958025e+1
469.37	64.830961483	6.4830961483e+1
469.38	64.832342717	6.4832342717e+1
469.39	64.83372395	6.483372395e+1
469.4	64.835105184	6.4835105184e+1
469.41	64.836486418	6.4836486418e+1
469.42	64.837867651	6.4837867651e+1
469.43	64.839248885	6.4839248885e+1
469.44	64.840630118	6.4840630118e+1

469.45	64.842011352	6.4842011352e+1
469.46	64.843392586	6.4843392586e+1
469.47	64.844773819	6.4844773819e+1
469.48	64.846155053	6.4846155053e+1
469.49	64.847536286	6.4847536286e+1
469.5	64.84891752	6.484891752e+1
469.51	64.850298754	6.4850298754e+1
469.52	64.851679987	6.4851679987e+1
469.53	64.853061221	6.4853061221e+1
469.54	64.854442454	6.4854442454e+1
469.55	64.855823688	6.4855823688e+1
469.56	64.857204922	6.4857204922e+1
469.57	64.858586155	6.4858586155e+1
469.58	64.859967389	6.4859967389e+1
469.59	64.861348622	6.4861348622e+1
469.6	64.862729856	6.4862729856e+1
469.61	64.86411109	6.486411109e+1
469.62	64.865492323	6.4865492323e+1
469.63	64.866873557	6.4866873557e+1
469.64	64.86825479	6.486825479e+1
469.65	64.869636024	6.4869636024e+1
469.66	64.871017258	6.4871017258e+1
469.67	64.872398491	6.4872398491e+1
469.68	64.873779725	6.4873779725e+1
469.69	64.875160958	6.4875160958e+1
469.7	64.876542192	6.4876542192e+1
469.71	64.877923426	6.4877923426e+1
469.72	64.879304659	6.4879304659e+1
469.73	64.880685893	6.4880685893e+1
469.74	64.882067126	6.4882067126e+1
469.75	64.88344836	6.488344836e+1
469.76	64.884829594	6.4884829594e+1
469.77	64.886210827	6.4886210827e+1
469.78	64.887592061	6.4887592061e+1
469.79	64.888973294	6.4888973294e+1
469.8	64.890354528	6.4890354528e+1
469.81	64.891735762	6.4891735762e+1
469.82	64.893116995	6.4893116995e+1

469.83	64.894498229	6.4894498229e+1
469.84	64.895879462	6.4895879462e+1
469.85	64.897260696	6.4897260696e+1
469.86	64.89864193	6.489864193e+1
469.87	64.900023163	6.4900023163e+1
469.88	64.901404397	6.4901404397e+1
469.89	64.90278563	6.490278563e+1
469.9	64.904166864	6.4904166864e+1
469.91	64.905548098	6.4905548098e+1
469.92	64.906929331	6.4906929331e+1
469.93	64.908310565	6.4908310565e+1
469.94	64.909691798	6.4909691798e+1
469.95	64.911073032	6.4911073032e+1
469.96	64.912454266	6.4912454266e+1
469.97	64.913835499	6.4913835499e+1
469.98	64.915216733	6.4915216733e+1
469.99	64.916597966	6.4916597966e+1
470	64.9179792	6.49179792e+1
470.01	64.919360434	6.4919360434e+1
470.02	64.920741667	6.4920741667e+1
470.03	64.922122901	6.4922122901e+1
470.04	64.923504134	6.4923504134e+1
470.05	64.924885368	6.4924885368e+1
470.06	64.926266602	6.4926266602e+1
470.07	64.927647835	6.4927647835e+1
470.08	64.929029069	6.4929029069e+1
470.09	64.930410302	6.4930410302e+1
470.1	64.931791536	6.4931791536e+1
470.11	64.93317277	6.493317277e+1
470.12	64.934554003	6.4934554003e+1
470.13	64.935935237	6.4935935237e+1
470.14	64.93731647	6.493731647e+1
470.15	64.938697704	6.4938697704e+1
470.16	64.940078938	6.4940078938e+1
470.17	64.941460171	6.4941460171e+1
470.18	64.942841405	6.4942841405e+1
470.19	64.944222638	6.4944222638e+1
470.2	64.945603872	6.4945603872e+1

470.21	64.946985106	6.4946985106e+1
470.22	64.948366339	6.4948366339e+1
470.23	64.949747573	6.4949747573e+1
470.24	64.951128806	6.4951128806e+1
470.25	64.95251004	6.495251004e+1
470.26	64.953891274	6.4953891274e+1
470.27	64.955272507	6.4955272507e+1
470.28	64.956653741	6.4956653741e+1
470.29	64.958034974	6.4958034974e+1
470.3	64.959416208	6.4959416208e+1
470.31	64.960797442	6.4960797442e+1
470.32	64.962178675	6.4962178675e+1
470.33	64.963559909	6.4963559909e+1
470.34	64.964941142	6.4964941142e+1
470.35	64.966322376	6.4966322376e+1
470.36	64.96770361	6.496770361e+1
470.37	64.969084843	6.4969084843e+1
470.38	64.970466077	6.4970466077e+1
470.39	64.97184731	6.497184731e+1
470.4	64.973228544	6.4973228544e+1
470.41	64.974609778	6.4974609778e+1
470.42	64.975991011	6.4975991011e+1
470.43	64.977372245	6.4977372245e+1
470.44	64.978753478	6.4978753478e+1
470.45	64.980134712	6.4980134712e+1
470.46	64.981515946	6.4981515946e+1
470.47	64.982897179	6.4982897179e+1
470.48	64.984278413	6.4984278413e+1
470.49	64.985659646	6.4985659646e+1
470.5	64.98704088	6.498704088e+1
470.51	64.988422114	6.4988422114e+1
470.52	64.989803347	6.4989803347e+1
470.53	64.991184581	6.4991184581e+1
470.54	64.992565814	6.4992565814e+1
470.55	64.993947048	6.4993947048e+1
470.56	64.995328282	6.4995328282e+1
470.57	64.996709515	6.4996709515e+1
470.58	64.998090749	6.4998090749e+1

470.59	64.999471982	6.4999471982e+1
470.6	65.000853216	6.5000853216e+1
470.61	65.00223445	6.500223445e+1
470.62	65.003615683	6.5003615683e+1
470.63	65.004996917	6.5004996917e+1
470.64	65.00637815	6.500637815e+1
470.65	65.007759384	6.5007759384e+1
470.66	65.009140618	6.5009140618e+1
470.67	65.010521851	6.5010521851e+1
470.68	65.011903085	6.5011903085e+1
470.69	65.013284318	6.5013284318e+1
470.7	65.014665552	6.5014665552e+1
470.71	65.016046786	6.5016046786e+1
470.72	65.017428019	6.5017428019e+1
470.73	65.018809253	6.5018809253e+1
470.74	65.020190486	6.5020190486e+1
470.75	65.02157172	6.502157172e+1
470.76	65.022952954	6.5022952954e+1
470.77	65.024334187	6.5024334187e+1
470.78	65.025715421	6.5025715421e+1
470.79	65.027096654	6.5027096654e+1
470.8	65.028477888	6.5028477888e+1
470.81	65.029859122	6.5029859122e+1
470.82	65.031240355	6.5031240355e+1
470.83	65.032621589	6.5032621589e+1
470.84	65.034002822	6.5034002822e+1
470.85	65.035384056	6.5035384056e+1
470.86	65.03676529	6.503676529e+1
470.87	65.038146523	6.5038146523e+1
470.88	65.039527757	6.5039527757e+1
470.89	65.04090899	6.504090899e+1
470.9	65.042290224	6.5042290224e+1
470.91	65.043671458	6.5043671458e+1
470.92	65.045052691	6.5045052691e+1
470.93	65.046433925	6.5046433925e+1
470.94	65.047815158	6.5047815158e+1
470.95	65.049196392	6.5049196392e+1
470.96	65.050577626	6.5050577626e+1

470.97	65.051958859	6.5051958859e+1
470.98	65.053340093	6.5053340093e+1
470.99	65.054721326	6.5054721326e+1
471	65.05610256	6.505610256e+1
471.01	65.057483794	6.5057483794e+1
471.02	65.058865027	6.5058865027e+1
471.03	65.060246261	6.5060246261e+1
471.04	65.061627494	6.5061627494e+1
471.05	65.063008728	6.5063008728e+1
471.06	65.064389962	6.5064389962e+1
471.07	65.065771195	6.5065771195e+1
471.08	65.067152429	6.5067152429e+1
471.09	65.068533662	6.5068533662e+1
471.1	65.069914896	6.5069914896e+1
471.11	65.07129613	6.507129613e+1
471.12	65.072677363	6.5072677363e+1
471.13	65.074058597	6.5074058597e+1
471.14	65.07543983	6.507543983e+1
471.15	65.076821064	6.5076821064e+1
471.16	65.078202298	6.5078202298e+1
471.17	65.079583531	6.5079583531e+1
471.18	65.080964765	6.5080964765e+1
471.19	65.082345998	6.5082345998e+1
471.2	65.083727232	6.5083727232e+1
471.21	65.085108466	6.5085108466e+1
471.22	65.086489699	6.5086489699e+1
471.23	65.087870933	6.5087870933e+1
471.24	65.089252166	6.5089252166e+1
471.25	65.0906334	6.50906334e+1
471.26	65.092014634	6.5092014634e+1
471.27	65.093395867	6.5093395867e+1
471.28	65.094777101	6.5094777101e+1
471.29	65.096158334	6.5096158334e+1
471.3	65.097539568	6.5097539568e+1
471.31	65.098920802	6.5098920802e+1
471.32	65.100302035	6.5100302035e+1
471.33	65.101683269	6.5101683269e+1
471.34	65.103064502	6.5103064502e+1

471.35	65.104445736	6.5104445736e+1
471.36	65.10582697	6.510582697e+1
471.37	65.107208203	6.5107208203e+1
471.38	65.108589437	6.5108589437e+1
471.39	65.10997067	6.510997067e+1
471.4	65.111351904	6.5111351904e+1
471.41	65.112733138	6.5112733138e+1
471.42	65.114114371	6.5114114371e+1
471.43	65.115495605	6.5115495605e+1
471.44	65.116876838	6.5116876838e+1
471.45	65.118258072	6.5118258072e+1
471.46	65.119639306	6.5119639306e+1
471.47	65.121020539	6.5121020539e+1
471.48	65.122401773	6.5122401773e+1
471.49	65.123783006	6.5123783006e+1
471.5	65.12516424	6.512516424e+1
471.51	65.126545474	6.5126545474e+1
471.52	65.127926707	6.5127926707e+1
471.53	65.129307941	6.5129307941e+1
471.54	65.130689174	6.5130689174e+1
471.55	65.132070408	6.5132070408e+1
471.56	65.133451642	6.5133451642e+1
471.57	65.134832875	6.5134832875e+1
471.58	65.136214109	6.5136214109e+1
471.59	65.137595342	6.5137595342e+1
471.6	65.138976576	6.5138976576e+1
471.61	65.14035781	6.514035781e+1
471.62	65.141739043	6.5141739043e+1
471.63	65.143120277	6.5143120277e+1
471.64	65.14450151	6.514450151e+1
471.65	65.145882744	6.5145882744e+1
471.66	65.147263978	6.5147263978e+1
471.67	65.148645211	6.5148645211e+1
471.68	65.150026445	6.5150026445e+1
471.69	65.151407678	6.5151407678e+1
471.7	65.152788912	6.5152788912e+1
471.71	65.154170146	6.5154170146e+1
471.72	65.155551379	6.5155551379e+1

471.73	65.156932613	6.5156932613e+1
471.74	65.158313846	6.5158313846e+1
471.75	65.15969508	6.515969508e+1
471.76	65.161076314	6.5161076314e+1
471.77	65.162457547	6.5162457547e+1
471.78	65.163838781	6.5163838781e+1
471.79	65.165220014	6.5165220014e+1
471.8	65.166601248	6.5166601248e+1
471.81	65.167982482	6.5167982482e+1
471.82	65.169363715	6.5169363715e+1
471.83	65.170744949	6.5170744949e+1
471.84	65.172126182	6.5172126182e+1
471.85	65.173507416	6.5173507416e+1
471.86	65.17488865	6.517488865e+1
471.87	65.176269883	6.5176269883e+1
471.88	65.177651117	6.5177651117e+1
471.89	65.17903235	6.517903235e+1
471.9	65.180413584	6.5180413584e+1
471.91	65.181794818	6.5181794818e+1
471.92	65.183176051	6.5183176051e+1
471.93	65.184557285	6.5184557285e+1
471.94	65.185938518	6.5185938518e+1
471.95	65.187319752	6.5187319752e+1
471.96	65.188700986	6.5188700986e+1
471.97	65.190082219	6.5190082219e+1
471.98	65.191463453	6.5191463453e+1
471.99	65.192844686	6.5192844686e+1
472	65.19422592	6.519422592e+1
472.01	65.195607154	6.5195607154e+1
472.02	65.196988387	6.5196988387e+1
472.03	65.198369621	6.5198369621e+1
472.04	65.199750854	6.5199750854e+1
472.05	65.201132088	6.5201132088e+1
472.06	65.202513322	6.5202513322e+1
472.07	65.203894555	6.5203894555e+1
472.08	65.205275789	6.5205275789e+1
472.09	65.206657022	6.5206657022e+1
472.1	65.208038256	6.5208038256e+1

472.11	65.20941949	6.520941949e+1
472.12	65.210800723	6.5210800723e+1
472.13	65.212181957	6.5212181957e+1
472.14	65.21356319	6.521356319e+1
472.15	65.214944424	6.5214944424e+1
472.16	65.216325658	6.5216325658e+1
472.17	65.217706891	6.5217706891e+1
472.18	65.219088125	6.5219088125e+1
472.19	65.220469358	6.5220469358e+1
472.2	65.221850592	6.5221850592e+1
472.21	65.223231826	6.5223231826e+1
472.22	65.224613059	6.5224613059e+1
472.23	65.225994293	6.5225994293e+1
472.24	65.227375526	6.5227375526e+1
472.25	65.22875676	6.522875676e+1
472.26	65.230137994	6.5230137994e+1
472.27	65.231519227	6.5231519227e+1
472.28	65.232900461	6.5232900461e+1
472.29	65.234281694	6.5234281694e+1
472.3	65.235662928	6.5235662928e+1
472.31	65.237044162	6.5237044162e+1
472.32	65.238425395	6.5238425395e+1
472.33	65.239806629	6.5239806629e+1
472.34	65.241187862	6.5241187862e+1
472.35	65.242569096	6.5242569096e+1
472.36	65.24395033	6.524395033e+1
472.37	65.245331563	6.5245331563e+1
472.38	65.246712797	6.5246712797e+1
472.39	65.24809403	6.524809403e+1
472.4	65.249475264	6.5249475264e+1
472.41	65.250856498	6.5250856498e+1
472.42	65.252237731	6.5252237731e+1
472.43	65.253618965	6.5253618965e+1
472.44	65.255000198	6.5255000198e+1
472.45	65.256381432	6.5256381432e+1
472.46	65.257762666	6.5257762666e+1
472.47	65.259143899	6.5259143899e+1
472.48	65.260525133	6.5260525133e+1

472.49	65.261906366	6.5261906366e+1
472.5	65.2632876	6.52632876e+1
472.51	65.264668834	6.5264668834e+1
472.52	65.266050067	6.5266050067e+1
472.53	65.267431301	6.5267431301e+1
472.54	65.268812534	6.5268812534e+1
472.55	65.270193768	6.5270193768e+1
472.56	65.271575002	6.5271575002e+1
472.57	65.272956235	6.5272956235e+1
472.58	65.274337469	6.5274337469e+1
472.59	65.275718702	6.5275718702e+1
472.6	65.277099936	6.5277099936e+1
472.61	65.27848117	6.527848117e+1
472.62	65.279862403	6.5279862403e+1
472.63	65.281243637	6.5281243637e+1
472.64	65.28262487	6.528262487e+1
472.65	65.284006104	6.5284006104e+1
472.66	65.285387338	6.5285387338e+1
472.67	65.286768571	6.5286768571e+1
472.68	65.288149805	6.5288149805e+1
472.69	65.289531038	6.5289531038e+1
472.7	65.290912272	6.5290912272e+1
472.71	65.292293506	6.5292293506e+1
472.72	65.293674739	6.5293674739e+1
472.73	65.295055973	6.5295055973e+1
472.74	65.296437206	6.5296437206e+1
472.75	65.29781844	6.529781844e+1
472.76	65.299199674	6.5299199674e+1
472.77	65.300580907	6.5300580907e+1
472.78	65.301962141	6.5301962141e+1
472.79	65.303343374	6.5303343374e+1
472.8	65.304724608	6.5304724608e+1
472.81	65.306105842	6.5306105842e+1
472.82	65.307487075	6.5307487075e+1
472.83	65.308868309	6.5308868309e+1
472.84	65.310249542	6.5310249542e+1
472.85	65.311630776	6.5311630776e+1
472.86	65.31301201	6.531301201e+1

472.87	65.314393243	6.5314393243e+1
472.88	65.315774477	6.5315774477e+1
472.89	65.31715571	6.531715571e+1
472.9	65.318536944	6.5318536944e+1
472.91	65.319918178	6.5319918178e+1
472.92	65.321299411	6.5321299411e+1
472.93	65.322680645	6.5322680645e+1
472.94	65.324061878	6.5324061878e+1
472.95	65.325443112	6.5325443112e+1
472.96	65.326824346	6.5326824346e+1
472.97	65.328205579	6.5328205579e+1
472.98	65.329586813	6.5329586813e+1
472.99	65.330968046	6.5330968046e+1
473	65.33234928	6.533234928e+1
473.01	65.333730514	6.5333730514e+1
473.02	65.335111747	6.5335111747e+1
473.03	65.336492981	6.5336492981e+1
473.04	65.337874214	6.5337874214e+1
473.05	65.339255448	6.5339255448e+1
473.06	65.340636682	6.5340636682e+1
473.07	65.342017915	6.5342017915e+1
473.08	65.343399149	6.5343399149e+1
473.09	65.344780382	6.5344780382e+1
473.1	65.346161616	6.5346161616e+1
473.11	65.34754285	6.534754285e+1
473.12	65.348924083	6.5348924083e+1
473.13	65.350305317	6.5350305317e+1
473.14	65.35168655	6.535168655e+1
473.15	65.353067784	6.5353067784e+1
473.16	65.354449018	6.5354449018e+1
473.17	65.355830251	6.5355830251e+1
473.18	65.357211485	6.5357211485e+1
473.19	65.358592718	6.5358592718e+1
473.2	65.359973952	6.5359973952e+1
473.21	65.361355186	6.5361355186e+1
473.22	65.362736419	6.5362736419e+1
473.23	65.364117653	6.5364117653e+1
473.24	65.365498886	6.5365498886e+1

473.25	65.36688012	6.536688012e+1
473.26	65.368261354	6.5368261354e+1
473.27	65.369642587	6.5369642587e+1
473.28	65.371023821	6.5371023821e+1
473.29	65.372405054	6.5372405054e+1
473.3	65.373786288	6.5373786288e+1
473.31	65.375167522	6.5375167522e+1
473.32	65.376548755	6.5376548755e+1
473.33	65.377929989	6.5377929989e+1
473.34	65.379311222	6.5379311222e+1
473.35	65.380692456	6.5380692456e+1
473.36	65.38207369	6.538207369e+1
473.37	65.383454923	6.5383454923e+1
473.38	65.384836157	6.5384836157e+1
473.39	65.38621739	6.538621739e+1
473.4	65.387598624	6.5387598624e+1
473.41	65.388979858	6.5388979858e+1
473.42	65.390361091	6.5390361091e+1
473.43	65.391742325	6.5391742325e+1
473.44	65.393123558	6.5393123558e+1
473.45	65.394504792	6.5394504792e+1
473.46	65.395886026	6.5395886026e+1
473.47	65.397267259	6.5397267259e+1
473.48	65.398648493	6.5398648493e+1
473.49	65.400029726	6.5400029726e+1
473.5	65.40141096	6.540141096e+1
473.51	65.402792194	6.5402792194e+1
473.52	65.404173427	6.5404173427e+1
473.53	65.405554661	6.5405554661e+1
473.54	65.406935894	6.5406935894e+1
473.55	65.408317128	6.5408317128e+1
473.56	65.409698362	6.5409698362e+1
473.57	65.411079595	6.5411079595e+1
473.58	65.412460829	6.5412460829e+1
473.59	65.413842062	6.5413842062e+1
473.6	65.415223296	6.5415223296e+1
473.61	65.41660453	6.541660453e+1
473.62	65.417985763	6.5417985763e+1

473.63	65.419366997	6.5419366997e+1
473.64	65.42074823	6.542074823e+1
473.65	65.422129464	6.5422129464e+1
473.66	65.423510698	6.5423510698e+1
473.67	65.424891931	6.5424891931e+1
473.68	65.426273165	6.5426273165e+1
473.69	65.427654398	6.5427654398e+1
473.7	65.429035632	6.5429035632e+1
473.71	65.430416866	6.5430416866e+1
473.72	65.431798099	6.5431798099e+1
473.73	65.433179333	6.5433179333e+1
473.74	65.434560566	6.5434560566e+1
473.75	65.4359418	6.54359418e+1
473.76	65.437323034	6.5437323034e+1
473.77	65.438704267	6.5438704267e+1
473.78	65.440085501	6.5440085501e+1
473.79	65.441466734	6.5441466734e+1
473.8	65.442847968	6.5442847968e+1
473.81	65.444229202	6.5444229202e+1
473.82	65.445610435	6.5445610435e+1
473.83	65.446991669	6.5446991669e+1
473.84	65.448372902	6.5448372902e+1
473.85	65.449754136	6.5449754136e+1
473.86	65.45113537	6.545113537e+1
473.87	65.452516603	6.5452516603e+1
473.88	65.453897837	6.5453897837e+1
473.89	65.45527907	6.545527907e+1
473.9	65.456660304	6.5456660304e+1
473.91	65.458041538	6.5458041538e+1
473.92	65.459422771	6.5459422771e+1
473.93	65.460804005	6.5460804005e+1
473.94	65.462185238	6.5462185238e+1
473.95	65.463566472	6.5463566472e+1
473.96	65.464947706	6.5464947706e+1
473.97	65.466328939	6.5466328939e+1
473.98	65.467710173	6.5467710173e+1
473.99	65.469091406	6.5469091406e+1
474	65.47047264	6.547047264e+1

474.01	65.471853874	6.5471853874e+1
474.02	65.473235107	6.5473235107e+1
474.03	65.474616341	6.5474616341e+1
474.04	65.475997574	6.5475997574e+1
474.05	65.477378808	6.5477378808e+1
474.06	65.478760042	6.5478760042e+1
474.07	65.480141275	6.5480141275e+1
474.08	65.481522509	6.5481522509e+1
474.09	65.482903742	6.5482903742e+1
474.1	65.484284976	6.5484284976e+1
474.11	65.48566621	6.548566621e+1
474.12	65.487047443	6.5487047443e+1
474.13	65.488428677	6.5488428677e+1
474.14	65.48980991	6.548980991e+1
474.15	65.491191144	6.5491191144e+1
474.16	65.492572378	6.5492572378e+1
474.17	65.493953611	6.5493953611e+1
474.18	65.495334845	6.5495334845e+1
474.19	65.496716078	6.5496716078e+1
474.2	65.498097312	6.5498097312e+1
474.21	65.499478546	6.5499478546e+1
474.22	65.500859779	6.5500859779e+1
474.23	65.502241013	6.5502241013e+1
474.24	65.503622246	6.5503622246e+1
474.25	65.50500348	6.550500348e+1
474.26	65.506384714	6.5506384714e+1
474.27	65.507765947	6.5507765947e+1
474.28	65.509147181	6.5509147181e+1
474.29	65.510528414	6.5510528414e+1
474.3	65.511909648	6.5511909648e+1
474.31	65.513290882	6.5513290882e+1
474.32	65.514672115	6.5514672115e+1
474.33	65.516053349	6.5516053349e+1
474.34	65.517434582	6.5517434582e+1
474.35	65.518815816	6.5518815816e+1
474.36	65.52019705	6.552019705e+1
474.37	65.521578283	6.5521578283e+1
474.38	65.522959517	6.5522959517e+1

474.39	65.52434075	6.552434075e+1
474.4	65.525721984	6.5525721984e+1
474.41	65.527103218	6.5527103218e+1
474.42	65.528484451	6.5528484451e+1
474.43	65.529865685	6.5529865685e+1
474.44	65.531246918	6.5531246918e+1
474.45	65.532628152	6.5532628152e+1
474.46	65.534009386	6.5534009386e+1
474.47	65.535390619	6.5535390619e+1
474.48	65.536771853	6.5536771853e+1
474.49	65.538153086	6.5538153086e+1
474.5	65.53953432	6.553953432e+1
474.51	65.540915554	6.5540915554e+1
474.52	65.542296787	6.5542296787e+1
474.53	65.543678021	6.5543678021e+1
474.54	65.545059254	6.5545059254e+1
474.55	65.546440488	6.5546440488e+1
474.56	65.547821722	6.5547821722e+1
474.57	65.549202955	6.5549202955e+1
474.58	65.550584189	6.5550584189e+1
474.59	65.551965422	6.5551965422e+1
474.6	65.553346656	6.5553346656e+1
474.61	65.55472789	6.555472789e+1
474.62	65.556109123	6.5556109123e+1
474.63	65.557490357	6.5557490357e+1
474.64	65.55887159	6.555887159e+1
474.65	65.560252824	6.5560252824e+1
474.66	65.561634058	6.5561634058e+1
474.67	65.563015291	6.5563015291e+1
474.68	65.564396525	6.5564396525e+1
474.69	65.565777758	6.5565777758e+1
474.7	65.567158992	6.5567158992e+1
474.71	65.568540226	6.5568540226e+1
474.72	65.569921459	6.5569921459e+1
474.73	65.571302693	6.5571302693e+1
474.74	65.572683926	6.5572683926e+1
474.75	65.57406516	6.557406516e+1
474.76	65.575446394	6.5575446394e+1

474.77	65.576827627	6.5576827627e+1
474.78	65.578208861	6.5578208861e+1
474.79	65.579590094	6.5579590094e+1
474.8	65.580971328	6.5580971328e+1
474.81	65.582352562	6.5582352562e+1
474.82	65.583733795	6.5583733795e+1
474.83	65.585115029	6.5585115029e+1
474.84	65.586496262	6.5586496262e+1
474.85	65.587877496	6.5587877496e+1
474.86	65.58925873	6.558925873e+1
474.87	65.590639963	6.5590639963e+1
474.88	65.592021197	6.5592021197e+1
474.89	65.59340243	6.559340243e+1
474.9	65.594783664	6.5594783664e+1
474.91	65.596164898	6.5596164898e+1
474.92	65.597546131	6.5597546131e+1
474.93	65.598927365	6.5598927365e+1
474.94	65.600308598	6.5600308598e+1
474.95	65.601689832	6.5601689832e+1
474.96	65.603071066	6.5603071066e+1
474.97	65.604452299	6.5604452299e+1
474.98	65.605833533	6.5605833533e+1
474.99	65.607214766	6.5607214766e+1
475	65.608596	6.5608596e+1
475.01	65.609977234	6.5609977234e+1
475.02	65.611358467	6.5611358467e+1
475.03	65.612739701	6.5612739701e+1
475.04	65.614120934	6.5614120934e+1
475.05	65.615502168	6.5615502168e+1
475.06	65.616883402	6.5616883402e+1
475.07	65.618264635	6.5618264635e+1
475.08	65.619645869	6.5619645869e+1
475.09	65.621027102	6.5621027102e+1
475.1	65.622408336	6.5622408336e+1
475.11	65.62378957	6.562378957e+1
475.12	65.625170803	6.5625170803e+1
475.13	65.626552037	6.5626552037e+1
475.14	65.62793327	6.562793327e+1

475.15	65.629314504	6.5629314504e+1
475.16	65.630695738	6.5630695738e+1
475.17	65.632076971	6.5632076971e+1
475.18	65.633458205	6.5633458205e+1
475.19	65.634839438	6.5634839438e+1
475.2	65.636220672	6.5636220672e+1
475.21	65.637601906	6.5637601906e+1
475.22	65.638983139	6.5638983139e+1
475.23	65.640364373	6.5640364373e+1
475.24	65.641745606	6.5641745606e+1
475.25	65.64312684	6.564312684e+1
475.26	65.644508074	6.5644508074e+1
475.27	65.645889307	6.5645889307e+1
475.28	65.647270541	6.5647270541e+1
475.29	65.648651774	6.5648651774e+1
475.3	65.650033008	6.5650033008e+1
475.31	65.651414242	6.5651414242e+1
475.32	65.652795475	6.5652795475e+1
475.33	65.654176709	6.5654176709e+1
475.34	65.655557942	6.5655557942e+1
475.35	65.656939176	6.5656939176e+1
475.36	65.65832041	6.565832041e+1
475.37	65.659701643	6.5659701643e+1
475.38	65.661082877	6.5661082877e+1
475.39	65.66246411	6.566246411e+1
475.4	65.663845344	6.5663845344e+1
475.41	65.665226578	6.5665226578e+1
475.42	65.666607811	6.5666607811e+1
475.43	65.667989045	6.5667989045e+1
475.44	65.669370278	6.5669370278e+1
475.45	65.670751512	6.5670751512e+1
475.46	65.672132746	6.5672132746e+1
475.47	65.673513979	6.5673513979e+1
475.48	65.674895213	6.5674895213e+1
475.49	65.676276446	6.5676276446e+1
475.5	65.67765768	6.567765768e+1
475.51	65.679038914	6.5679038914e+1
475.52	65.680420147	6.5680420147e+1

475.53	65.681801381	6.5681801381e+1
475.54	65.683182614	6.5683182614e+1
475.55	65.684563848	6.5684563848e+1
475.56	65.685945082	6.5685945082e+1
475.57	65.687326315	6.5687326315e+1
475.58	65.688707549	6.5688707549e+1
475.59	65.690088782	6.5690088782e+1
475.6	65.691470016	6.5691470016e+1
475.61	65.69285125	6.569285125e+1
475.62	65.694232483	6.5694232483e+1
475.63	65.695613717	6.5695613717e+1
475.64	65.69699495	6.569699495e+1
475.65	65.698376184	6.5698376184e+1
475.66	65.699757418	6.5699757418e+1
475.67	65.701138651	6.5701138651e+1
475.68	65.702519885	6.5702519885e+1
475.69	65.703901118	6.5703901118e+1
475.7	65.705282352	6.5705282352e+1
475.71	65.706663586	6.5706663586e+1
475.72	65.708044819	6.5708044819e+1
475.73	65.709426053	6.5709426053e+1
475.74	65.710807286	6.5710807286e+1
475.75	65.71218852	6.571218852e+1
475.76	65.713569754	6.5713569754e+1
475.77	65.714950987	6.5714950987e+1
475.78	65.716332221	6.5716332221e+1
475.79	65.717713454	6.5717713454e+1
475.8	65.719094688	6.5719094688e+1
475.81	65.720475922	6.5720475922e+1
475.82	65.721857155	6.5721857155e+1
475.83	65.723238389	6.5723238389e+1
475.84	65.724619622	6.5724619622e+1
475.85	65.726000856	6.5726000856e+1
475.86	65.72738209	6.572738209e+1
475.87	65.728763323	6.5728763323e+1
475.88	65.730144557	6.5730144557e+1
475.89	65.73152579	6.573152579e+1
475.9	65.732907024	6.5732907024e+1

475.91	65.734288258	6.5734288258e+1
475.92	65.735669491	6.5735669491e+1
475.93	65.737050725	6.5737050725e+1
475.94	65.738431958	6.5738431958e+1
475.95	65.739813192	6.5739813192e+1
475.96	65.741194426	6.5741194426e+1
475.97	65.742575659	6.5742575659e+1
475.98	65.743956893	6.5743956893e+1
475.99	65.745338126	6.5745338126e+1
476	65.74671936	6.574671936e+1
476.01	65.748100594	6.5748100594e+1
476.02	65.749481827	6.5749481827e+1
476.03	65.750863061	6.5750863061e+1
476.04	65.752244294	6.5752244294e+1
476.05	65.753625528	6.5753625528e+1
476.06	65.755006762	6.5755006762e+1
476.07	65.756387995	6.5756387995e+1
476.08	65.757769229	6.5757769229e+1
476.09	65.759150462	6.5759150462e+1
476.1	65.760531696	6.5760531696e+1
476.11	65.76191293	6.576191293e+1
476.12	65.763294163	6.5763294163e+1
476.13	65.764675397	6.5764675397e+1
476.14	65.76605663	6.576605663e+1
476.15	65.767437864	6.5767437864e+1
476.16	65.768819098	6.5768819098e+1
476.17	65.770200331	6.5770200331e+1
476.18	65.771581565	6.5771581565e+1
476.19	65.772962798	6.5772962798e+1
476.2	65.774344032	6.5774344032e+1
476.21	65.775725266	6.5775725266e+1
476.22	65.777106499	6.5777106499e+1
476.23	65.778487733	6.5778487733e+1
476.24	65.779868966	6.5779868966e+1
476.25	65.7812502	6.57812502e+1
476.26	65.782631434	6.5782631434e+1
476.27	65.784012667	6.5784012667e+1
476.28	65.785393901	6.5785393901e+1

476.29	65.786775134	6.5786775134e+1
476.3	65.788156368	6.5788156368e+1
476.31	65.789537602	6.5789537602e+1
476.32	65.790918835	6.5790918835e+1
476.33	65.792300069	6.5792300069e+1
476.34	65.793681302	6.5793681302e+1
476.35	65.795062536	6.5795062536e+1
476.36	65.79644377	6.579644377e+1
476.37	65.797825003	6.5797825003e+1
476.38	65.799206237	6.5799206237e+1
476.39	65.80058747	6.580058747e+1
476.4	65.801968704	6.5801968704e+1
476.41	65.803349938	6.5803349938e+1
476.42	65.804731171	6.5804731171e+1
476.43	65.806112405	6.5806112405e+1
476.44	65.807493638	6.5807493638e+1
476.45	65.808874872	6.5808874872e+1
476.46	65.810256106	6.5810256106e+1
476.47	65.811637339	6.5811637339e+1
476.48	65.813018573	6.5813018573e+1
476.49	65.814399806	6.5814399806e+1
476.5	65.81578104	6.581578104e+1
476.51	65.817162274	6.5817162274e+1
476.52	65.818543507	6.5818543507e+1
476.53	65.819924741	6.5819924741e+1
476.54	65.821305974	6.5821305974e+1
476.55	65.822687208	6.5822687208e+1
476.56	65.824068442	6.5824068442e+1
476.57	65.825449675	6.58254449675e+1
476.58	65.826830909	6.5826830909e+1
476.59	65.828212142	6.5828212142e+1
476.6	65.829593376	6.5829593376e+1
476.61	65.83097461	6.583097461e+1
476.62	65.832355843	6.5832355843e+1
476.63	65.833737077	6.5833737077e+1
476.64	65.83511831	6.583511831e+1
476.65	65.836499544	6.5836499544e+1
476.66	65.837880778	6.5837880778e+1

476.67	65.839262011	6.5839262011e+1
476.68	65.840643245	6.5840643245e+1
476.69	65.842024478	6.5842024478e+1
476.7	65.843405712	6.5843405712e+1
476.71	65.844786946	6.5844786946e+1
476.72	65.846168179	6.5846168179e+1
476.73	65.847549413	6.5847549413e+1
476.74	65.848930646	6.5848930646e+1
476.75	65.85031188	6.585031188e+1
476.76	65.851693114	6.5851693114e+1
476.77	65.853074347	6.5853074347e+1
476.78	65.854455581	6.5854455581e+1
476.79	65.855836814	6.5855836814e+1
476.8	65.857218048	6.5857218048e+1
476.81	65.858599282	6.5858599282e+1
476.82	65.859980515	6.5859980515e+1
476.83	65.861361749	6.5861361749e+1
476.84	65.862742982	6.5862742982e+1
476.85	65.864124216	6.5864124216e+1
476.86	65.86550545	6.586550545e+1
476.87	65.866886683	6.5866886683e+1
476.88	65.868267917	6.5868267917e+1
476.89	65.86964915	6.586964915e+1
476.9	65.871030384	6.5871030384e+1
476.91	65.872411618	6.5872411618e+1
476.92	65.873792851	6.5873792851e+1
476.93	65.875174085	6.5875174085e+1
476.94	65.876555318	6.5876555318e+1
476.95	65.877936552	6.5877936552e+1
476.96	65.879317786	6.5879317786e+1
476.97	65.880699019	6.5880699019e+1
476.98	65.882080253	6.5882080253e+1
476.99	65.883461486	6.5883461486e+1
477	65.88484272	6.588484272e+1
477.01	65.886223954	6.5886223954e+1
477.02	65.887605187	6.5887605187e+1
477.03	65.888986421	6.5888986421e+1
477.04	65.890367654	6.5890367654e+1

477.05	65.891748888	6.5891748888e+1
477.06	65.893130122	6.5893130122e+1
477.07	65.894511355	6.5894511355e+1
477.08	65.895892589	6.5895892589e+1
477.09	65.897273822	6.5897273822e+1
477.1	65.898655056	6.5898655056e+1
477.11	65.90003629	6.590003629e+1
477.12	65.901417523	6.5901417523e+1
477.13	65.902798757	6.5902798757e+1
477.14	65.90417999	6.590417999e+1
477.15	65.905561224	6.5905561224e+1
477.16	65.906942458	6.5906942458e+1
477.17	65.908323691	6.5908323691e+1
477.18	65.909704925	6.5909704925e+1
477.19	65.911086158	6.5911086158e+1
477.2	65.912467392	6.5912467392e+1
477.21	65.913848626	6.5913848626e+1
477.22	65.915229859	6.5915229859e+1
477.23	65.916611093	6.5916611093e+1
477.24	65.917992326	6.5917992326e+1
477.25	65.91937356	6.591937356e+1
477.26	65.920754794	6.5920754794e+1
477.27	65.922136027	6.5922136027e+1
477.28	65.923517261	6.5923517261e+1
477.29	65.924898494	6.5924898494e+1
477.3	65.926279728	6.5926279728e+1
477.31	65.927660962	6.5927660962e+1
477.32	65.929042195	6.5929042195e+1
477.33	65.930423429	6.5930423429e+1
477.34	65.931804662	6.5931804662e+1
477.35	65.933185896	6.5933185896e+1
477.36	65.93456713	6.593456713e+1
477.37	65.935948363	6.5935948363e+1
477.38	65.937329597	6.5937329597e+1
477.39	65.93871083	6.593871083e+1
477.4	65.940092064	6.5940092064e+1
477.41	65.941473298	6.5941473298e+1
477.42	65.942854531	6.5942854531e+1

477.43	65.944235765	6.5944235765e+1
477.44	65.945616998	6.5945616998e+1
477.45	65.946998232	6.5946998232e+1
477.46	65.948379466	6.5948379466e+1
477.47	65.949760699	6.5949760699e+1
477.48	65.951141933	6.5951141933e+1
477.49	65.952523166	6.5952523166e+1
477.5	65.9539044	6.59539044e+1
477.51	65.955285634	6.5955285634e+1
477.52	65.956666867	6.5956666867e+1
477.53	65.958048101	6.5958048101e+1
477.54	65.959429334	6.5959429334e+1
477.55	65.960810568	6.5960810568e+1
477.56	65.962191802	6.5962191802e+1
477.57	65.963573035	6.5963573035e+1
477.58	65.964954269	6.5964954269e+1
477.59	65.966335502	6.5966335502e+1
477.6	65.967716736	6.5967716736e+1
477.61	65.96909797	6.596909797e+1
477.62	65.970479203	6.5970479203e+1
477.63	65.971860437	6.5971860437e+1
477.64	65.97324167	6.597324167e+1
477.65	65.974622904	6.5974622904e+1
477.66	65.976004138	6.5976004138e+1
477.67	65.977385371	6.5977385371e+1
477.68	65.978766605	6.5978766605e+1
477.69	65.980147838	6.5980147838e+1
477.7	65.981529072	6.5981529072e+1
477.71	65.982910306	6.5982910306e+1
477.72	65.984291539	6.5984291539e+1
477.73	65.985672773	6.5985672773e+1
477.74	65.987054006	6.5987054006e+1
477.75	65.98843524	6.598843524e+1
477.76	65.989816474	6.5989816474e+1
477.77	65.991197707	6.5991197707e+1
477.78	65.992578941	6.5992578941e+1
477.79	65.993960174	6.5993960174e+1
477.8	65.995341408	6.5995341408e+1

477.81	65.996722642	6.5996722642e+1
477.82	65.998103875	6.5998103875e+1
477.83	65.999485109	6.5999485109e+1
477.84	66.000866342	6.6000866342e+1
477.85	66.002247576	6.6002247576e+1
477.86	66.00362881	6.600362881e+1
477.87	66.005010043	6.6005010043e+1
477.88	66.006391277	6.6006391277e+1
477.89	66.00777251	6.600777251e+1
477.9	66.009153744	6.6009153744e+1
477.91	66.010534978	6.6010534978e+1
477.92	66.011916211	6.6011916211e+1
477.93	66.013297445	6.6013297445e+1
477.94	66.014678678	6.6014678678e+1
477.95	66.016059912	6.6016059912e+1
477.96	66.017441146	6.6017441146e+1
477.97	66.018822379	6.6018822379e+1
477.98	66.020203613	6.6020203613e+1
477.99	66.021584846	6.6021584846e+1
478	66.02296608	6.602296608e+1
478.01	66.024347314	6.6024347314e+1
478.02	66.025728547	6.6025728547e+1
478.03	66.027109781	6.6027109781e+1
478.04	66.028491014	6.6028491014e+1
478.05	66.029872248	6.6029872248e+1
478.06	66.031253482	6.6031253482e+1
478.07	66.032634715	6.6032634715e+1
478.08	66.034015949	6.6034015949e+1
478.09	66.035397182	6.6035397182e+1
478.1	66.036778416	6.6036778416e+1
478.11	66.03815965	6.603815965e+1
478.12	66.039540883	6.6039540883e+1
478.13	66.040922117	6.6040922117e+1
478.14	66.04230335	6.604230335e+1
478.15	66.043684584	6.6043684584e+1
478.16	66.045065818	6.6045065818e+1
478.17	66.046447051	6.6046447051e+1
478.18	66.047828285	6.6047828285e+1

478.19	66.049209518	6.6049209518e+1
478.2	66.050590752	6.6050590752e+1
478.21	66.051971986	6.6051971986e+1
478.22	66.053353219	6.6053353219e+1
478.23	66.054734453	6.6054734453e+1
478.24	66.056115686	6.6056115686e+1
478.25	66.05749692	6.605749692e+1
478.26	66.058878154	6.6058878154e+1
478.27	66.060259387	6.6060259387e+1
478.28	66.061640621	6.6061640621e+1
478.29	66.063021854	6.6063021854e+1
478.3	66.064403088	6.6064403088e+1
478.31	66.065784322	6.6065784322e+1
478.32	66.067165555	6.6067165555e+1
478.33	66.068546789	6.6068546789e+1
478.34	66.069928022	6.6069928022e+1
478.35	66.071309256	6.6071309256e+1
478.36	66.07269049	6.607269049e+1
478.37	66.074071723	6.6074071723e+1
478.38	66.075452957	6.6075452957e+1
478.39	66.07683419	6.607683419e+1
478.4	66.078215424	6.6078215424e+1
478.41	66.079596658	6.6079596658e+1
478.42	66.080977891	6.6080977891e+1
478.43	66.082359125	6.6082359125e+1
478.44	66.083740358	6.6083740358e+1
478.45	66.085121592	6.6085121592e+1
478.46	66.086502826	6.6086502826e+1
478.47	66.087884059	6.6087884059e+1
478.48	66.089265293	6.6089265293e+1
478.49	66.090646526	6.6090646526e+1
478.5	66.09202776	6.609202776e+1
478.51	66.093408994	6.6093408994e+1
478.52	66.094790227	6.6094790227e+1
478.53	66.096171461	6.6096171461e+1
478.54	66.097552694	6.6097552694e+1
478.55	66.098933928	6.6098933928e+1
478.56	66.100315162	6.6100315162e+1

478.57	66.101696395	6.6101696395e+1
478.58	66.103077629	6.6103077629e+1
478.59	66.104458862	6.6104458862e+1
478.6	66.105840096	6.6105840096e+1
478.61	66.10722133	6.610722133e+1
478.62	66.108602563	6.6108602563e+1
478.63	66.109983797	6.6109983797e+1
478.64	66.11136503	6.611136503e+1
478.65	66.112746264	6.6112746264e+1
478.66	66.114127498	6.6114127498e+1
478.67	66.115508731	6.6115508731e+1
478.68	66.116889965	6.6116889965e+1
478.69	66.118271198	6.6118271198e+1
478.7	66.119652432	6.6119652432e+1
478.71	66.121033666	6.6121033666e+1
478.72	66.122414899	6.6122414899e+1
478.73	66.123796133	6.6123796133e+1
478.74	66.125177366	6.6125177366e+1
478.75	66.1265586	6.61265586e+1
478.76	66.127939834	6.6127939834e+1
478.77	66.129321067	6.6129321067e+1
478.78	66.130702301	6.6130702301e+1
478.79	66.132083534	6.6132083534e+1
478.8	66.133464768	6.6133464768e+1
478.81	66.134846002	6.6134846002e+1
478.82	66.136227235	6.6136227235e+1
478.83	66.137608469	6.6137608469e+1
478.84	66.138989702	6.6138989702e+1
478.85	66.140370936	6.6140370936e+1
478.86	66.14175217	6.614175217e+1
478.87	66.143133403	6.6143133403e+1
478.88	66.144514637	6.6144514637e+1
478.89	66.14589587	6.614589587e+1
478.9	66.147277104	6.6147277104e+1
478.91	66.148658338	6.6148658338e+1
478.92	66.150039571	6.6150039571e+1
478.93	66.151420805	6.6151420805e+1
478.94	66.152802038	6.6152802038e+1

478.95	66.154183272	6.6154183272e+1
478.96	66.155564506	6.6155564506e+1
478.97	66.156945739	6.6156945739e+1
478.98	66.158326973	6.6158326973e+1
478.99	66.159708206	6.6159708206e+1
479	66.16108944	6.616108944e+1
479.01	66.162470674	6.6162470674e+1
479.02	66.163851907	6.6163851907e+1
479.03	66.165233141	6.6165233141e+1
479.04	66.166614374	6.6166614374e+1
479.05	66.167995608	6.6167995608e+1
479.06	66.169376842	6.6169376842e+1
479.07	66.170758075	6.6170758075e+1
479.08	66.172139309	6.6172139309e+1
479.09	66.173520542	6.6173520542e+1
479.1	66.174901776	6.6174901776e+1
479.11	66.17628301	6.617628301e+1
479.12	66.177664243	6.6177664243e+1
479.13	66.179045477	6.6179045477e+1
479.14	66.18042671	6.618042671e+1
479.15	66.181807944	6.6181807944e+1
479.16	66.183189178	6.6183189178e+1
479.17	66.184570411	6.6184570411e+1
479.18	66.185951645	6.6185951645e+1
479.19	66.187332878	6.6187332878e+1
479.2	66.188714112	6.6188714112e+1
479.21	66.190095346	6.6190095346e+1
479.22	66.191476579	6.6191476579e+1
479.23	66.192857813	6.6192857813e+1
479.24	66.194239046	6.6194239046e+1
479.25	66.19562028	6.619562028e+1
479.26	66.197001514	6.6197001514e+1
479.27	66.198382747	6.6198382747e+1
479.28	66.199763981	6.6199763981e+1
479.29	66.201145214	6.6201145214e+1
479.3	66.202526448	6.6202526448e+1
479.31	66.203907682	6.6203907682e+1
479.32	66.205288915	6.6205288915e+1

479.33	66.206670149	6.6206670149e+1
479.34	66.208051382	6.6208051382e+1
479.35	66.209432616	6.6209432616e+1
479.36	66.21081385	6.621081385e+1
479.37	66.212195083	6.6212195083e+1
479.38	66.213576317	6.6213576317e+1
479.39	66.21495755	6.621495755e+1
479.4	66.216338784	6.6216338784e+1
479.41	66.217720018	6.6217720018e+1
479.42	66.219101251	6.6219101251e+1
479.43	66.220482485	6.6220482485e+1
479.44	66.221863718	6.6221863718e+1
479.45	66.223244952	6.6223244952e+1
479.46	66.224626186	6.6224626186e+1
479.47	66.226007419	6.6226007419e+1
479.48	66.227388653	6.6227388653e+1
479.49	66.228769886	6.6228769886e+1
479.5	66.23015112	6.623015112e+1
479.51	66.231532354	6.6231532354e+1
479.52	66.232913587	6.6232913587e+1
479.53	66.234294821	6.6234294821e+1
479.54	66.235676054	6.6235676054e+1
479.55	66.237057288	6.6237057288e+1
479.56	66.238438522	6.6238438522e+1
479.57	66.239819755	6.6239819755e+1
479.58	66.241200989	6.6241200989e+1
479.59	66.242582222	6.6242582222e+1
479.6	66.243963456	6.6243963456e+1
479.61	66.24534469	6.624534469e+1
479.62	66.246725923	6.6246725923e+1
479.63	66.248107157	6.6248107157e+1
479.64	66.24948839	6.624948839e+1
479.65	66.250869624	6.6250869624e+1
479.66	66.252250858	6.6252250858e+1
479.67	66.253632091	6.6253632091e+1
479.68	66.255013325	6.6255013325e+1
479.69	66.256394558	6.6256394558e+1
479.7	66.257775792	6.6257775792e+1

479.71	66.259157026	6.6259157026e+1
479.72	66.260538259	6.6260538259e+1
479.73	66.261919493	6.6261919493e+1
479.74	66.263300726	6.6263300726e+1
479.75	66.26468196	6.626468196e+1
479.76	66.266063194	6.6266063194e+1
479.77	66.267444427	6.6267444427e+1
479.78	66.268825661	6.6268825661e+1
479.79	66.270206894	6.6270206894e+1
479.8	66.271588128	6.6271588128e+1
479.81	66.272969362	6.6272969362e+1
479.82	66.274350595	6.6274350595e+1
479.83	66.275731829	6.6275731829e+1
479.84	66.277113062	6.6277113062e+1
479.85	66.278494296	6.6278494296e+1
479.86	66.27987553	6.627987553e+1
479.87	66.281256763	6.6281256763e+1
479.88	66.282637997	6.6282637997e+1
479.89	66.28401923	6.628401923e+1
479.9	66.285400464	6.6285400464e+1
479.91	66.286781698	6.6286781698e+1
479.92	66.288162931	6.6288162931e+1
479.93	66.289544165	6.6289544165e+1
479.94	66.290925398	6.6290925398e+1
479.95	66.292306632	6.6292306632e+1
479.96	66.293687866	6.6293687866e+1
479.97	66.295069099	6.6295069099e+1
479.98	66.296450333	6.6296450333e+1
479.99	66.297831566	6.6297831566e+1
480	66.2992128	6.62992128e+1
480.01	66.300594034	6.6300594034e+1
480.02	66.301975267	6.6301975267e+1
480.03	66.303356501	6.6303356501e+1
480.04	66.304737734	6.6304737734e+1
480.05	66.306118968	6.6306118968e+1
480.06	66.307500202	6.6307500202e+1
480.07	66.308881435	6.6308881435e+1
480.08	66.310262669	6.6310262669e+1

480.09	66.311643902	6.6311643902e+1
480.1	66.313025136	6.6313025136e+1
480.11	66.31440637	6.631440637e+1
480.12	66.315787603	6.6315787603e+1
480.13	66.317168837	6.6317168837e+1
480.14	66.31855007	6.631855007e+1
480.15	66.319931304	6.6319931304e+1
480.16	66.321312538	6.6321312538e+1
480.17	66.322693771	6.6322693771e+1
480.18	66.324075005	6.6324075005e+1
480.19	66.325456238	6.6325456238e+1
480.2	66.326837472	6.6326837472e+1
480.21	66.328218706	6.6328218706e+1
480.22	66.329599939	6.6329599939e+1
480.23	66.330981173	6.6330981173e+1
480.24	66.332362406	6.6332362406e+1
480.25	66.33374364	6.633374364e+1
480.26	66.335124874	6.6335124874e+1
480.27	66.336506107	6.6336506107e+1
480.28	66.337887341	6.6337887341e+1
480.29	66.339268574	6.6339268574e+1
480.3	66.340649808	6.6340649808e+1
480.31	66.342031042	6.6342031042e+1
480.32	66.343412275	6.6343412275e+1
480.33	66.344793509	6.6344793509e+1
480.34	66.346174742	6.6346174742e+1
480.35	66.347555976	6.6347555976e+1
480.36	66.34893721	6.634893721e+1
480.37	66.350318443	6.6350318443e+1
480.38	66.351699677	6.6351699677e+1
480.39	66.35308091	6.635308091e+1
480.4	66.354462144	6.6354462144e+1
480.41	66.355843378	6.6355843378e+1
480.42	66.357224611	6.6357224611e+1
480.43	66.358605845	6.6358605845e+1
480.44	66.359987078	6.6359987078e+1
480.45	66.361368312	6.6361368312e+1
480.46	66.362749546	6.6362749546e+1

480.47	66.364130779	6.6364130779e+1
480.48	66.365512013	6.6365512013e+1
480.49	66.366893246	6.6366893246e+1
480.5	66.36827448	6.636827448e+1
480.51	66.369655714	6.6369655714e+1
480.52	66.371036947	6.6371036947e+1
480.53	66.372418181	6.6372418181e+1
480.54	66.373799414	6.6373799414e+1
480.55	66.375180648	6.6375180648e+1
480.56	66.376561882	6.6376561882e+1
480.57	66.377943115	6.6377943115e+1
480.58	66.379324349	6.6379324349e+1
480.59	66.380705582	6.6380705582e+1
480.6	66.382086816	6.6382086816e+1
480.61	66.38346805	6.638346805e+1
480.62	66.384849283	6.6384849283e+1
480.63	66.386230517	6.6386230517e+1
480.64	66.38761175	6.638761175e+1
480.65	66.388992984	6.6388992984e+1
480.66	66.390374218	6.6390374218e+1
480.67	66.391755451	6.6391755451e+1
480.68	66.393136685	6.6393136685e+1
480.69	66.394517918	6.6394517918e+1
480.7	66.395899152	6.6395899152e+1
480.71	66.397280386	6.6397280386e+1
480.72	66.398661619	6.6398661619e+1
480.73	66.400042853	6.6400042853e+1
480.74	66.401424086	6.6401424086e+1
480.75	66.40280532	6.640280532e+1
480.76	66.404186554	6.6404186554e+1
480.77	66.405567787	6.6405567787e+1
480.78	66.406949021	6.6406949021e+1
480.79	66.408330254	6.6408330254e+1
480.8	66.409711488	6.6409711488e+1
480.81	66.411092722	6.6411092722e+1
480.82	66.412473955	6.6412473955e+1
480.83	66.413855189	6.6413855189e+1
480.84	66.415236422	6.6415236422e+1

480.85	66.416617656	6.6416617656e+1
480.86	66.41799889	6.641799889e+1
480.87	66.419380123	6.6419380123e+1
480.88	66.420761357	6.6420761357e+1
480.89	66.42214259	6.642214259e+1
480.9	66.423523824	6.6423523824e+1
480.91	66.424905058	6.6424905058e+1
480.92	66.426286291	6.6426286291e+1
480.93	66.427667525	6.6427667525e+1
480.94	66.429048758	6.6429048758e+1
480.95	66.430429992	6.6430429992e+1
480.96	66.431811226	6.6431811226e+1
480.97	66.433192459	6.6433192459e+1
480.98	66.434573693	6.6434573693e+1
480.99	66.435954926	6.6435954926e+1
481	66.43733616	6.643733616e+1
481.01	66.438717394	6.6438717394e+1
481.02	66.440098627	6.6440098627e+1
481.03	66.441479861	6.6441479861e+1
481.04	66.442861094	6.6442861094e+1
481.05	66.444242328	6.6444242328e+1
481.06	66.445623562	6.6445623562e+1
481.07	66.447004795	6.6447004795e+1
481.08	66.448386029	6.6448386029e+1
481.09	66.449767262	6.6449767262e+1
481.1	66.451148496	6.6451148496e+1
481.11	66.45252973	6.645252973e+1
481.12	66.453910963	6.6453910963e+1
481.13	66.455292197	6.6455292197e+1
481.14	66.45667343	6.645667343e+1
481.15	66.458054664	6.6458054664e+1
481.16	66.459435898	6.6459435898e+1
481.17	66.460817131	6.6460817131e+1
481.18	66.462198365	6.6462198365e+1
481.19	66.463579598	6.6463579598e+1
481.2	66.464960832	6.6464960832e+1
481.21	66.466342066	6.6466342066e+1
481.22	66.467723299	6.6467723299e+1

481.23	66.469104533	6.6469104533e+1
481.24	66.470485766	6.6470485766e+1
481.25	66.471867	6.6471867e+1
481.26	66.473248234	6.6473248234e+1
481.27	66.474629467	6.6474629467e+1
481.28	66.476010701	6.6476010701e+1
481.29	66.477391934	6.6477391934e+1
481.3	66.478773168	6.6478773168e+1
481.31	66.480154402	6.6480154402e+1
481.32	66.481535635	6.6481535635e+1
481.33	66.482916869	6.6482916869e+1
481.34	66.484298102	6.6484298102e+1
481.35	66.485679336	6.6485679336e+1
481.36	66.48706057	6.648706057e+1
481.37	66.488441803	6.6488441803e+1
481.38	66.489823037	6.6489823037e+1
481.39	66.49120427	6.649120427e+1
481.4	66.492585504	6.6492585504e+1
481.41	66.493966738	6.6493966738e+1
481.42	66.495347971	6.6495347971e+1
481.43	66.496729205	6.6496729205e+1
481.44	66.498110438	6.6498110438e+1
481.45	66.499491672	6.6499491672e+1
481.46	66.500872906	6.6500872906e+1
481.47	66.502254139	6.6502254139e+1
481.48	66.503635373	6.6503635373e+1
481.49	66.505016606	6.6505016606e+1
481.5	66.50639784	6.650639784e+1
481.51	66.507779074	6.6507779074e+1
481.52	66.509160307	6.6509160307e+1
481.53	66.510541541	6.6510541541e+1
481.54	66.511922774	6.6511922774e+1
481.55	66.513304008	6.6513304008e+1
481.56	66.514685242	6.6514685242e+1
481.57	66.516066475	6.6516066475e+1
481.58	66.517447709	6.6517447709e+1
481.59	66.518828942	6.6518828942e+1
481.6	66.520210176	6.6520210176e+1

481.61	66.52159141	6.652159141e+1
481.62	66.522972643	6.6522972643e+1
481.63	66.524353877	6.6524353877e+1
481.64	66.52573511	6.652573511e+1
481.65	66.527116344	6.6527116344e+1
481.66	66.528497578	6.6528497578e+1
481.67	66.529878811	6.6529878811e+1
481.68	66.531260045	6.6531260045e+1
481.69	66.532641278	6.6532641278e+1
481.7	66.534022512	6.6534022512e+1
481.71	66.535403746	6.6535403746e+1
481.72	66.536784979	6.6536784979e+1
481.73	66.538166213	6.6538166213e+1
481.74	66.539547446	6.6539547446e+1
481.75	66.54092868	6.654092868e+1
481.76	66.542309914	6.6542309914e+1
481.77	66.543691147	6.6543691147e+1
481.78	66.545072381	6.6545072381e+1
481.79	66.546453614	6.6546453614e+1
481.8	66.547834848	6.6547834848e+1
481.81	66.549216082	6.6549216082e+1
481.82	66.550597315	6.6550597315e+1
481.83	66.551978549	6.6551978549e+1
481.84	66.553359782	6.6553359782e+1
481.85	66.554741016	6.6554741016e+1
481.86	66.55612225	6.655612225e+1
481.87	66.557503483	6.6557503483e+1
481.88	66.558884717	6.6558884717e+1
481.89	66.56026595	6.656026595e+1
481.9	66.561647184	6.6561647184e+1
481.91	66.563028418	6.6563028418e+1
481.92	66.564409651	6.6564409651e+1
481.93	66.565790885	6.6565790885e+1
481.94	66.567172118	6.6567172118e+1
481.95	66.568553352	6.6568553352e+1
481.96	66.569934586	6.6569934586e+1
481.97	66.571315819	6.6571315819e+1
481.98	66.572697053	6.6572697053e+1

481.99	66.574078286	6.6574078286e+1
482	66.57545952	6.657545952e+1
482.01	66.576840754	6.6576840754e+1
482.02	66.578221987	6.6578221987e+1
482.03	66.579603221	6.6579603221e+1
482.04	66.580984454	6.6580984454e+1
482.05	66.582365688	6.6582365688e+1
482.06	66.583746922	6.6583746922e+1
482.07	66.585128155	6.6585128155e+1
482.08	66.586509389	6.6586509389e+1
482.09	66.587890622	6.6587890622e+1
482.1	66.589271856	6.6589271856e+1
482.11	66.59065309	6.659065309e+1
482.12	66.592034323	6.6592034323e+1
482.13	66.593415557	6.6593415557e+1
482.14	66.59479679	6.659479679e+1
482.15	66.596178024	6.6596178024e+1
482.16	66.597559258	6.6597559258e+1
482.17	66.598940491	6.6598940491e+1
482.18	66.600321725	6.6600321725e+1
482.19	66.601702958	6.6601702958e+1
482.2	66.603084192	6.6603084192e+1
482.21	66.604465426	6.6604465426e+1
482.22	66.605846659	6.6605846659e+1
482.23	66.607227893	6.6607227893e+1
482.24	66.608609126	6.6608609126e+1
482.25	66.60999036	6.660999036e+1
482.26	66.611371594	6.6611371594e+1
482.27	66.612752827	6.6612752827e+1
482.28	66.614134061	6.6614134061e+1
482.29	66.615515294	6.6615515294e+1
482.3	66.616896528	6.6616896528e+1
482.31	66.618277762	6.6618277762e+1
482.32	66.619658995	6.6619658995e+1
482.33	66.621040229	6.6621040229e+1
482.34	66.622421462	6.6622421462e+1
482.35	66.623802696	6.6623802696e+1
482.36	66.62518393	6.662518393e+1

482.37	66.626565163	6.6626565163e+1
482.38	66.627946397	6.6627946397e+1
482.39	66.62932763	6.662932763e+1
482.4	66.630708864	6.6630708864e+1
482.41	66.632090098	6.6632090098e+1
482.42	66.633471331	6.6633471331e+1
482.43	66.634852565	6.6634852565e+1
482.44	66.636233798	6.6636233798e+1
482.45	66.637615032	6.6637615032e+1
482.46	66.638996266	6.6638996266e+1
482.47	66.640377499	6.6640377499e+1
482.48	66.641758733	6.6641758733e+1
482.49	66.643139966	6.6643139966e+1
482.5	66.6445212	6.66445212e+1
482.51	66.645902434	6.6645902434e+1
482.52	66.647283667	6.6647283667e+1
482.53	66.648664901	6.6648664901e+1
482.54	66.650046134	6.6650046134e+1
482.55	66.651427368	6.6651427368e+1
482.56	66.652808602	6.6652808602e+1
482.57	66.654189835	6.6654189835e+1
482.58	66.655571069	6.6655571069e+1
482.59	66.656952302	6.6656952302e+1
482.6	66.658333536	6.6658333536e+1
482.61	66.65971477	6.665971477e+1
482.62	66.661096003	6.6661096003e+1
482.63	66.662477237	6.6662477237e+1
482.64	66.66385847	6.666385847e+1
482.65	66.665239704	6.6665239704e+1
482.66	66.666620938	6.6666620938e+1
482.67	66.668002171	6.6668002171e+1
482.68	66.669383405	6.6669383405e+1
482.69	66.670764638	6.6670764638e+1
482.7	66.672145872	6.6672145872e+1
482.71	66.673527106	6.6673527106e+1
482.72	66.674908339	6.6674908339e+1
482.73	66.676289573	6.6676289573e+1
482.74	66.677670806	6.6677670806e+1

482.75	66.67905204	6.667905204e+1
482.76	66.680433274	6.6680433274e+1
482.77	66.681814507	6.6681814507e+1
482.78	66.683195741	6.6683195741e+1
482.79	66.684576974	6.6684576974e+1
482.8	66.685958208	6.6685958208e+1
482.81	66.687339442	6.6687339442e+1
482.82	66.688720675	6.6688720675e+1
482.83	66.690101909	6.6690101909e+1
482.84	66.691483142	6.6691483142e+1
482.85	66.692864376	6.6692864376e+1
482.86	66.69424561	6.669424561e+1
482.87	66.695626843	6.6695626843e+1
482.88	66.697008077	6.6697008077e+1
482.89	66.69838931	6.669838931e+1
482.9	66.699770544	6.6699770544e+1
482.91	66.701151778	6.6701151778e+1
482.92	66.702533011	6.6702533011e+1
482.93	66.703914245	6.6703914245e+1
482.94	66.705295478	6.6705295478e+1
482.95	66.706676712	6.6706676712e+1
482.96	66.708057946	6.6708057946e+1
482.97	66.709439179	6.6709439179e+1
482.98	66.710820413	6.6710820413e+1
482.99	66.712201646	6.6712201646e+1
483	66.71358288	6.671358288e+1
483.01	66.714964114	6.6714964114e+1
483.02	66.716345347	6.6716345347e+1
483.03	66.717726581	6.6717726581e+1
483.04	66.719107814	6.6719107814e+1
483.05	66.720489048	6.6720489048e+1
483.06	66.721870282	6.6721870282e+1
483.07	66.723251515	6.6723251515e+1
483.08	66.724632749	6.6724632749e+1
483.09	66.726013982	6.6726013982e+1
483.1	66.727395216	6.6727395216e+1
483.11	66.72877645	6.672877645e+1
483.12	66.730157683	6.6730157683e+1

483.13	66.731538917	6.6731538917e+1
483.14	66.73292015	6.673292015e+1
483.15	66.734301384	6.6734301384e+1
483.16	66.735682618	6.6735682618e+1
483.17	66.737063851	6.6737063851e+1
483.18	66.738445085	6.6738445085e+1
483.19	66.739826318	6.6739826318e+1
483.2	66.741207552	6.6741207552e+1
483.21	66.742588786	6.6742588786e+1
483.22	66.743970019	6.6743970019e+1
483.23	66.745351253	6.6745351253e+1
483.24	66.746732486	6.6746732486e+1
483.25	66.74811372	6.674811372e+1
483.26	66.749494954	6.6749494954e+1
483.27	66.750876187	6.6750876187e+1
483.28	66.752257421	6.6752257421e+1
483.29	66.753638654	6.6753638654e+1
483.3	66.755019888	6.6755019888e+1
483.31	66.756401122	6.6756401122e+1
483.32	66.757782355	6.6757782355e+1
483.33	66.759163589	6.6759163589e+1
483.34	66.760544822	6.6760544822e+1
483.35	66.761926056	6.6761926056e+1
483.36	66.76330729	6.676330729e+1
483.37	66.764688523	6.6764688523e+1
483.38	66.766069757	6.6766069757e+1
483.39	66.76745099	6.676745099e+1
483.4	66.768832224	6.6768832224e+1
483.41	66.770213458	6.6770213458e+1
483.42	66.771594691	6.6771594691e+1
483.43	66.772975925	6.6772975925e+1
483.44	66.774357158	6.6774357158e+1
483.45	66.775738392	6.6775738392e+1
483.46	66.777119626	6.6777119626e+1
483.47	66.778500859	6.6778500859e+1
483.48	66.779882093	6.6779882093e+1
483.49	66.781263326	6.6781263326e+1
483.5	66.78264456	6.678264456e+1

483.51	66.784025794	6.6784025794e+1
483.52	66.785407027	6.6785407027e+1
483.53	66.786788261	6.6786788261e+1
483.54	66.788169494	6.6788169494e+1
483.55	66.789550728	6.6789550728e+1
483.56	66.790931962	6.6790931962e+1
483.57	66.792313195	6.6792313195e+1
483.58	66.793694429	6.6793694429e+1
483.59	66.795075662	6.6795075662e+1
483.6	66.796456896	6.6796456896e+1
483.61	66.79783813	6.679783813e+1
483.62	66.799219363	6.6799219363e+1
483.63	66.800600597	6.6800600597e+1
483.64	66.80198183	6.680198183e+1
483.65	66.803363064	6.6803363064e+1
483.66	66.804744298	6.6804744298e+1
483.67	66.806125531	6.6806125531e+1
483.68	66.807506765	6.6807506765e+1
483.69	66.808887998	6.6808887998e+1
483.7	66.810269232	6.6810269232e+1
483.71	66.811650466	6.6811650466e+1
483.72	66.813031699	6.6813031699e+1
483.73	66.814412933	6.6814412933e+1
483.74	66.815794166	6.6815794166e+1
483.75	66.8171754	6.68171754e+1
483.76	66.818556634	6.6818556634e+1
483.77	66.819937867	6.6819937867e+1
483.78	66.821319101	6.6821319101e+1
483.79	66.822700334	6.6822700334e+1
483.8	66.824081568	6.6824081568e+1
483.81	66.825462802	6.6825462802e+1
483.82	66.826844035	6.6826844035e+1
483.83	66.828225269	6.6828225269e+1
483.84	66.829606502	6.6829606502e+1
483.85	66.830987736	6.6830987736e+1
483.86	66.83236897	6.683236897e+1
483.87	66.833750203	6.6833750203e+1
483.88	66.835131437	6.6835131437e+1

483.89	66.83651267	6.683651267e+1
483.9	66.837893904	6.6837893904e+1
483.91	66.839275138	6.6839275138e+1
483.92	66.840656371	6.6840656371e+1
483.93	66.842037605	6.6842037605e+1
483.94	66.843418838	6.6843418838e+1
483.95	66.844800072	6.6844800072e+1
483.96	66.846181306	6.6846181306e+1
483.97	66.847562539	6.6847562539e+1
483.98	66.848943773	6.6848943773e+1
483.99	66.850325006	6.6850325006e+1
484	66.85170624	6.685170624e+1
484.01	66.853087474	6.6853087474e+1
484.02	66.854468707	6.6854468707e+1
484.03	66.855849941	6.6855849941e+1
484.04	66.857231174	6.6857231174e+1
484.05	66.858612408	6.6858612408e+1
484.06	66.859993642	6.6859993642e+1
484.07	66.861374875	6.6861374875e+1
484.08	66.862756109	6.6862756109e+1
484.09	66.864137342	6.6864137342e+1
484.1	66.865518576	6.6865518576e+1
484.11	66.86689981	6.686689981e+1
484.12	66.868281043	6.6868281043e+1
484.13	66.869662277	6.6869662277e+1
484.14	66.87104351	6.687104351e+1
484.15	66.872424744	6.6872424744e+1
484.16	66.873805978	6.6873805978e+1
484.17	66.875187211	6.6875187211e+1
484.18	66.876568445	6.6876568445e+1
484.19	66.877949678	6.6877949678e+1
484.2	66.879330912	6.6879330912e+1
484.21	66.880712146	6.6880712146e+1
484.22	66.882093379	6.6882093379e+1
484.23	66.883474613	6.6883474613e+1
484.24	66.884855846	6.6884855846e+1
484.25	66.88623708	6.688623708e+1
484.26	66.887618314	6.6887618314e+1

484.27	66.888999547	6.6888999547e+1
484.28	66.890380781	6.6890380781e+1
484.29	66.891762014	6.6891762014e+1
484.3	66.893143248	6.6893143248e+1
484.31	66.894524482	6.6894524482e+1
484.32	66.895905715	6.6895905715e+1
484.33	66.897286949	6.6897286949e+1
484.34	66.898668182	6.6898668182e+1
484.35	66.900049416	6.6900049416e+1
484.36	66.90143065	6.690143065e+1
484.37	66.902811883	6.6902811883e+1
484.38	66.904193117	6.6904193117e+1
484.39	66.90557435	6.690557435e+1
484.4	66.906955584	6.6906955584e+1
484.41	66.908336818	6.6908336818e+1
484.42	66.909718051	6.6909718051e+1
484.43	66.911099285	6.6911099285e+1
484.44	66.912480518	6.6912480518e+1
484.45	66.913861752	6.6913861752e+1
484.46	66.915242986	6.6915242986e+1
484.47	66.916624219	6.6916624219e+1
484.48	66.918005453	6.6918005453e+1
484.49	66.919386686	6.6919386686e+1
484.5	66.92076792	6.692076792e+1
484.51	66.922149154	6.6922149154e+1
484.52	66.923530387	6.6923530387e+1
484.53	66.924911621	6.6924911621e+1
484.54	66.926292854	6.6926292854e+1
484.55	66.927674088	6.6927674088e+1
484.56	66.929055322	6.6929055322e+1
484.57	66.930436555	6.6930436555e+1
484.58	66.931817789	6.6931817789e+1
484.59	66.933199022	6.6933199022e+1
484.6	66.934580256	6.6934580256e+1
484.61	66.93596149	6.693596149e+1
484.62	66.937342723	6.6937342723e+1
484.63	66.938723957	6.6938723957e+1
484.64	66.94010519	6.694010519e+1

484.65	66.941486424	6.6941486424e+1
484.66	66.942867658	6.6942867658e+1
484.67	66.944248891	6.6944248891e+1
484.68	66.945630125	6.6945630125e+1
484.69	66.947011358	6.6947011358e+1
484.7	66.948392592	6.6948392592e+1
484.71	66.949773826	6.6949773826e+1
484.72	66.951155059	6.6951155059e+1
484.73	66.952536293	6.6952536293e+1
484.74	66.953917526	6.6953917526e+1
484.75	66.95529876	6.695529876e+1
484.76	66.956679994	6.6956679994e+1
484.77	66.958061227	6.6958061227e+1
484.78	66.959442461	6.6959442461e+1
484.79	66.960823694	6.6960823694e+1
484.8	66.962204928	6.6962204928e+1
484.81	66.963586162	6.6963586162e+1
484.82	66.964967395	6.6964967395e+1
484.83	66.966348629	6.6966348629e+1
484.84	66.967729862	6.6967729862e+1
484.85	66.969111096	6.6969111096e+1
484.86	66.97049233	6.697049233e+1
484.87	66.971873563	6.6971873563e+1
484.88	66.973254797	6.6973254797e+1
484.89	66.97463603	6.697463603e+1
484.9	66.976017264	6.6976017264e+1
484.91	66.977398498	6.6977398498e+1
484.92	66.978779731	6.6978779731e+1
484.93	66.980160965	6.6980160965e+1
484.94	66.981542198	6.6981542198e+1
484.95	66.982923432	6.6982923432e+1
484.96	66.984304666	6.6984304666e+1
484.97	66.985685899	6.6985685899e+1
484.98	66.987067133	6.6987067133e+1
484.99	66.988448366	6.6988448366e+1
485	66.9898296	6.69898296e+1
485.01	66.991210834	6.6991210834e+1
485.02	66.992592067	6.6992592067e+1

485.03	66.993973301	6.6993973301e+1
485.04	66.995354534	6.6995354534e+1
485.05	66.996735768	6.6996735768e+1
485.06	66.998117002	6.6998117002e+1
485.07	66.999498235	6.6999498235e+1
485.08	67.000879469	6.7000879469e+1
485.09	67.002260702	6.7002260702e+1
485.1	67.003641936	6.7003641936e+1
485.11	67.00502317	6.700502317e+1
485.12	67.006404403	6.7006404403e+1
485.13	67.007785637	6.7007785637e+1
485.14	67.00916687	6.700916687e+1
485.15	67.010548104	6.7010548104e+1
485.16	67.011929338	6.7011929338e+1
485.17	67.013310571	6.7013310571e+1
485.18	67.014691805	6.7014691805e+1
485.19	67.016073038	6.7016073038e+1
485.2	67.017454272	6.7017454272e+1
485.21	67.018835506	6.7018835506e+1
485.22	67.020216739	6.7020216739e+1
485.23	67.021597973	6.7021597973e+1
485.24	67.022979206	6.7022979206e+1
485.25	67.02436044	6.702436044e+1
485.26	67.025741674	6.7025741674e+1
485.27	67.027122907	6.7027122907e+1
485.28	67.028504141	6.7028504141e+1
485.29	67.029885374	6.7029885374e+1
485.3	67.031266608	6.7031266608e+1
485.31	67.032647842	6.7032647842e+1
485.32	67.034029075	6.7034029075e+1
485.33	67.035410309	6.7035410309e+1
485.34	67.036791542	6.7036791542e+1
485.35	67.038172776	6.7038172776e+1
485.36	67.03955401	6.703955401e+1
485.37	67.040935243	6.7040935243e+1
485.38	67.042316477	6.7042316477e+1
485.39	67.04369771	6.704369771e+1
485.4	67.045078944	6.7045078944e+1

485.41	67.046460178	6.7046460178e+1
485.42	67.047841411	6.7047841411e+1
485.43	67.049222645	6.7049222645e+1
485.44	67.050603878	6.7050603878e+1
485.45	67.051985112	6.7051985112e+1
485.46	67.053366346	6.7053366346e+1
485.47	67.054747579	6.7054747579e+1
485.48	67.056128813	6.7056128813e+1
485.49	67.057510046	6.7057510046e+1
485.5	67.05889128	6.705889128e+1
485.51	67.060272514	6.7060272514e+1
485.52	67.061653747	6.7061653747e+1
485.53	67.063034981	6.7063034981e+1
485.54	67.064416214	6.7064416214e+1
485.55	67.065797448	6.7065797448e+1
485.56	67.067178682	6.7067178682e+1
485.57	67.068559915	6.7068559915e+1
485.58	67.069941149	6.7069941149e+1
485.59	67.071322382	6.7071322382e+1
485.6	67.072703616	6.7072703616e+1
485.61	67.07408485	6.707408485e+1
485.62	67.075466083	6.7075466083e+1
485.63	67.076847317	6.7076847317e+1
485.64	67.07822855	6.707822855e+1
485.65	67.079609784	6.7079609784e+1
485.66	67.080991018	6.7080991018e+1
485.67	67.082372251	6.7082372251e+1
485.68	67.083753485	6.7083753485e+1
485.69	67.085134718	6.7085134718e+1
485.7	67.086515952	6.7086515952e+1
485.71	67.087897186	6.7087897186e+1
485.72	67.089278419	6.7089278419e+1
485.73	67.090659653	6.7090659653e+1
485.74	67.092040886	6.7092040886e+1
485.75	67.09342212	6.709342212e+1
485.76	67.094803354	6.7094803354e+1
485.77	67.096184587	6.7096184587e+1
485.78	67.097565821	6.7097565821e+1

485.79	67.098947054	6.7098947054e+1
485.8	67.100328288	6.7100328288e+1
485.81	67.101709522	6.7101709522e+1
485.82	67.103090755	6.7103090755e+1
485.83	67.104471989	6.7104471989e+1
485.84	67.105853222	6.7105853222e+1
485.85	67.107234456	6.7107234456e+1
485.86	67.10861569	6.710861569e+1
485.87	67.109996923	6.7109996923e+1
485.88	67.111378157	6.7111378157e+1
485.89	67.11275939	6.711275939e+1
485.9	67.114140624	6.7114140624e+1
485.91	67.115521858	6.7115521858e+1
485.92	67.116903091	6.7116903091e+1
485.93	67.118284325	6.7118284325e+1
485.94	67.119665558	6.7119665558e+1
485.95	67.121046792	6.7121046792e+1
485.96	67.122428026	6.7122428026e+1
485.97	67.123809259	6.7123809259e+1
485.98	67.125190493	6.7125190493e+1
485.99	67.126571726	6.7126571726e+1
486	67.12795296	6.712795296e+1
486.01	67.129334194	6.7129334194e+1
486.02	67.130715427	6.7130715427e+1
486.03	67.132096661	6.7132096661e+1
486.04	67.133477894	6.7133477894e+1
486.05	67.134859128	6.7134859128e+1
486.06	67.136240362	6.7136240362e+1
486.07	67.137621595	6.7137621595e+1
486.08	67.139002829	6.7139002829e+1
486.09	67.140384062	6.7140384062e+1
486.1	67.141765296	6.7141765296e+1
486.11	67.14314653	6.714314653e+1
486.12	67.144527763	6.7144527763e+1
486.13	67.145908997	6.7145908997e+1
486.14	67.14729023	6.714729023e+1
486.15	67.148671464	6.7148671464e+1
486.16	67.150052698	6.7150052698e+1

486.17	67.151433931	6.7151433931e+1
486.18	67.152815165	6.7152815165e+1
486.19	67.154196398	6.7154196398e+1
486.2	67.155577632	6.7155577632e+1
486.21	67.156958866	6.7156958866e+1
486.22	67.158340099	6.7158340099e+1
486.23	67.159721333	6.7159721333e+1
486.24	67.161102566	6.7161102566e+1
486.25	67.1624838	6.71624838e+1
486.26	67.163865034	6.7163865034e+1
486.27	67.165246267	6.7165246267e+1
486.28	67.166627501	6.7166627501e+1
486.29	67.168008734	6.7168008734e+1
486.3	67.169389968	6.7169389968e+1
486.31	67.170771202	6.7170771202e+1
486.32	67.172152435	6.7172152435e+1
486.33	67.173533669	6.7173533669e+1
486.34	67.174914902	6.7174914902e+1
486.35	67.176296136	6.7176296136e+1
486.36	67.17767737	6.717767737e+1
486.37	67.179058603	6.7179058603e+1
486.38	67.180439837	6.7180439837e+1
486.39	67.18182107	6.718182107e+1
486.4	67.183202304	6.7183202304e+1
486.41	67.184583538	6.7184583538e+1
486.42	67.185964771	6.7185964771e+1
486.43	67.187346005	6.7187346005e+1
486.44	67.188727238	6.7188727238e+1
486.45	67.190108472	6.7190108472e+1
486.46	67.191489706	6.7191489706e+1
486.47	67.192870939	6.7192870939e+1
486.48	67.194252173	6.7194252173e+1
486.49	67.195633406	6.7195633406e+1
486.5	67.19701464	6.719701464e+1
486.51	67.198395874	6.7198395874e+1
486.52	67.199777107	6.7199777107e+1
486.53	67.201158341	6.7201158341e+1
486.54	67.202539574	6.7202539574e+1

486.55	67.203920808	6.7203920808e+1
486.56	67.205302042	6.7205302042e+1
486.57	67.206683275	6.7206683275e+1
486.58	67.208064509	6.7208064509e+1
486.59	67.209445742	6.7209445742e+1
486.6	67.210826976	6.7210826976e+1
486.61	67.21220821	6.721220821e+1
486.62	67.213589443	6.7213589443e+1
486.63	67.214970677	6.7214970677e+1
486.64	67.21635191	6.721635191e+1
486.65	67.217733144	6.7217733144e+1
486.66	67.219114378	6.7219114378e+1
486.67	67.220495611	6.7220495611e+1
486.68	67.221876845	6.7221876845e+1
486.69	67.223258078	6.7223258078e+1
486.7	67.224639312	6.7224639312e+1
486.71	67.226020546	6.7226020546e+1
486.72	67.227401779	6.7227401779e+1
486.73	67.228783013	6.7228783013e+1
486.74	67.230164246	6.7230164246e+1
486.75	67.23154548	6.723154548e+1
486.76	67.232926714	6.7232926714e+1
486.77	67.234307947	6.7234307947e+1
486.78	67.235689181	6.7235689181e+1
486.79	67.237070414	6.7237070414e+1
486.8	67.238451648	6.7238451648e+1
486.81	67.239832882	6.7239832882e+1
486.82	67.241214115	6.7241214115e+1
486.83	67.242595349	6.7242595349e+1
486.84	67.243976582	6.7243976582e+1
486.85	67.245357816	6.7245357816e+1
486.86	67.24673905	6.724673905e+1
486.87	67.248120283	6.7248120283e+1
486.88	67.249501517	6.7249501517e+1
486.89	67.25088275	6.725088275e+1
486.9	67.252263984	6.7252263984e+1
486.91	67.253645218	6.7253645218e+1
486.92	67.255026451	6.7255026451e+1

486.93	67.256407685	6.7256407685e+1
486.94	67.257788918	6.7257788918e+1
486.95	67.259170152	6.7259170152e+1
486.96	67.260551386	6.7260551386e+1
486.97	67.261932619	6.7261932619e+1
486.98	67.263313853	6.7263313853e+1
486.99	67.264695086	6.7264695086e+1
487	67.26607632	6.726607632e+1
487.01	67.267457554	6.7267457554e+1
487.02	67.268838787	6.7268838787e+1
487.03	67.270220021	6.7270220021e+1
487.04	67.271601254	6.7271601254e+1
487.05	67.272982488	6.7272982488e+1
487.06	67.274363722	6.7274363722e+1
487.07	67.275744955	6.7275744955e+1
487.08	67.277126189	6.7277126189e+1
487.09	67.278507422	6.7278507422e+1
487.1	67.279888656	6.7279888656e+1
487.11	67.28126989	6.728126989e+1
487.12	67.282651123	6.7282651123e+1
487.13	67.284032357	6.7284032357e+1
487.14	67.28541359	6.728541359e+1
487.15	67.286794824	6.7286794824e+1
487.16	67.288176058	6.7288176058e+1
487.17	67.289557291	6.7289557291e+1
487.18	67.290938525	6.7290938525e+1
487.19	67.292319758	6.7292319758e+1
487.2	67.293700992	6.7293700992e+1
487.21	67.295082226	6.7295082226e+1
487.22	67.296463459	6.7296463459e+1
487.23	67.297844693	6.7297844693e+1
487.24	67.299225926	6.7299225926e+1
487.25	67.30060716	6.730060716e+1
487.26	67.301988394	6.7301988394e+1
487.27	67.303369627	6.7303369627e+1
487.28	67.304750861	6.7304750861e+1
487.29	67.306132094	6.7306132094e+1
487.3	67.307513328	6.7307513328e+1

487.31	67.308894562	6.7308894562e+1
487.32	67.310275795	6.7310275795e+1
487.33	67.311657029	6.7311657029e+1
487.34	67.313038262	6.7313038262e+1
487.35	67.314419496	6.7314419496e+1
487.36	67.31580073	6.731580073e+1
487.37	67.317181963	6.7317181963e+1
487.38	67.318563197	6.7318563197e+1
487.39	67.31994443	6.731994443e+1
487.4	67.321325664	6.7321325664e+1
487.41	67.322706898	6.7322706898e+1
487.42	67.324088131	6.7324088131e+1
487.43	67.325469365	6.7325469365e+1
487.44	67.326850598	6.7326850598e+1
487.45	67.328231832	6.7328231832e+1
487.46	67.329613066	6.7329613066e+1
487.47	67.330994299	6.7330994299e+1
487.48	67.332375533	6.7332375533e+1
487.49	67.333756766	6.7333756766e+1
487.5	67.335138	6.7335138e+1
487.51	67.336519234	6.7336519234e+1
487.52	67.337900467	6.7337900467e+1
487.53	67.339281701	6.7339281701e+1
487.54	67.340662934	6.7340662934e+1
487.55	67.342044168	6.7342044168e+1
487.56	67.343425402	6.7343425402e+1
487.57	67.344806635	6.7344806635e+1
487.58	67.346187869	6.7346187869e+1
487.59	67.347569102	6.7347569102e+1
487.6	67.348950336	6.7348950336e+1
487.61	67.35033157	6.735033157e+1
487.62	67.351712803	6.7351712803e+1
487.63	67.353094037	6.7353094037e+1
487.64	67.35447527	6.735447527e+1
487.65	67.355856504	6.7355856504e+1
487.66	67.357237738	6.7357237738e+1
487.67	67.358618971	6.7358618971e+1
487.68	67.360000205	6.7360000205e+1

487.69	67.361381438	6.7361381438e+1
487.7	67.362762672	6.7362762672e+1
487.71	67.364143906	6.7364143906e+1
487.72	67.365525139	6.7365525139e+1
487.73	67.366906373	6.7366906373e+1
487.74	67.368287606	6.7368287606e+1
487.75	67.36966884	6.736966884e+1
487.76	67.371050074	6.7371050074e+1
487.77	67.372431307	6.7372431307e+1
487.78	67.373812541	6.7373812541e+1
487.79	67.375193774	6.7375193774e+1
487.8	67.376575008	6.7376575008e+1
487.81	67.377956242	6.7377956242e+1
487.82	67.379337475	6.7379337475e+1
487.83	67.380718709	6.7380718709e+1
487.84	67.382099942	6.7382099942e+1
487.85	67.383481176	6.7383481176e+1
487.86	67.38486241	6.738486241e+1
487.87	67.386243643	6.7386243643e+1
487.88	67.387624877	6.7387624877e+1
487.89	67.38900611	6.738900611e+1
487.9	67.390387344	6.7390387344e+1
487.91	67.391768578	6.7391768578e+1
487.92	67.393149811	6.7393149811e+1
487.93	67.394531045	6.7394531045e+1
487.94	67.395912278	6.7395912278e+1
487.95	67.397293512	6.7397293512e+1
487.96	67.398674746	6.7398674746e+1
487.97	67.400055979	6.7400055979e+1
487.98	67.401437213	6.7401437213e+1
487.99	67.402818446	6.7402818446e+1
488	67.40419968	6.740419968e+1
488.01	67.405580914	6.7405580914e+1
488.02	67.406962147	6.7406962147e+1
488.03	67.408343381	6.7408343381e+1
488.04	67.409724614	6.7409724614e+1
488.05	67.411105848	6.7411105848e+1
488.06	67.412487082	6.7412487082e+1

488.07	67.413868315	6.7413868315e+1
488.08	67.415249549	6.7415249549e+1
488.09	67.416630782	6.7416630782e+1
488.1	67.418012016	6.7418012016e+1
488.11	67.41939325	6.741939325e+1
488.12	67.420774483	6.7420774483e+1
488.13	67.422155717	6.7422155717e+1
488.14	67.42353695	6.742353695e+1
488.15	67.424918184	6.7424918184e+1
488.16	67.426299418	6.7426299418e+1
488.17	67.427680651	6.7427680651e+1
488.18	67.429061885	6.7429061885e+1
488.19	67.430443118	6.7430443118e+1
488.2	67.431824352	6.7431824352e+1
488.21	67.433205586	6.7433205586e+1
488.22	67.434586819	6.7434586819e+1
488.23	67.435968053	6.7435968053e+1
488.24	67.437349286	6.7437349286e+1
488.25	67.43873052	6.743873052e+1
488.26	67.440111754	6.7440111754e+1
488.27	67.441492987	6.7441492987e+1
488.28	67.442874221	6.7442874221e+1
488.29	67.444255454	6.7444255454e+1
488.3	67.445636688	6.7445636688e+1
488.31	67.447017922	6.7447017922e+1
488.32	67.448399155	6.7448399155e+1
488.33	67.449780389	6.7449780389e+1
488.34	67.451161622	6.7451161622e+1
488.35	67.452542856	6.7452542856e+1
488.36	67.45392409	6.745392409e+1
488.37	67.455305323	6.7455305323e+1
488.38	67.456686557	6.7456686557e+1
488.39	67.45806779	6.745806779e+1
488.4	67.459449024	6.7459449024e+1
488.41	67.460830258	6.7460830258e+1
488.42	67.462211491	6.7462211491e+1
488.43	67.463592725	6.7463592725e+1
488.44	67.464973958	6.7464973958e+1

488.45	67.466355192	6.7466355192e+1
488.46	67.467736426	6.7467736426e+1
488.47	67.469117659	6.7469117659e+1
488.48	67.470498893	6.7470498893e+1
488.49	67.471880126	6.7471880126e+1
488.5	67.47326136	6.747326136e+1
488.51	67.474642594	6.7474642594e+1
488.52	67.476023827	6.7476023827e+1
488.53	67.477405061	6.7477405061e+1
488.54	67.478786294	6.7478786294e+1
488.55	67.480167528	6.7480167528e+1
488.56	67.481548762	6.7481548762e+1
488.57	67.482929995	6.7482929995e+1
488.58	67.484311229	6.7484311229e+1
488.59	67.485692462	6.7485692462e+1
488.6	67.487073696	6.7487073696e+1
488.61	67.48845493	6.748845493e+1
488.62	67.489836163	6.7489836163e+1
488.63	67.491217397	6.7491217397e+1
488.64	67.49259863	6.749259863e+1
488.65	67.493979864	6.7493979864e+1
488.66	67.495361098	6.7495361098e+1
488.67	67.496742331	6.7496742331e+1
488.68	67.498123565	6.7498123565e+1
488.69	67.499504798	6.7499504798e+1
488.7	67.500886032	6.7500886032e+1
488.71	67.502267266	6.7502267266e+1
488.72	67.503648499	6.7503648499e+1
488.73	67.505029733	6.7505029733e+1
488.74	67.506410966	6.7506410966e+1
488.75	67.5077922	6.75077922e+1
488.76	67.509173434	6.7509173434e+1
488.77	67.510554667	6.7510554667e+1
488.78	67.511935901	6.7511935901e+1
488.79	67.513317134	6.7513317134e+1
488.8	67.514698368	6.7514698368e+1
488.81	67.516079602	6.7516079602e+1
488.82	67.517460835	6.7517460835e+1

488.83	67.518842069	6.7518842069e+1
488.84	67.520223302	6.7520223302e+1
488.85	67.521604536	6.7521604536e+1
488.86	67.52298577	6.752298577e+1
488.87	67.524367003	6.7524367003e+1
488.88	67.525748237	6.7525748237e+1
488.89	67.52712947	6.752712947e+1
488.9	67.528510704	6.7528510704e+1
488.91	67.529891938	6.7529891938e+1
488.92	67.531273171	6.7531273171e+1
488.93	67.532654405	6.7532654405e+1
488.94	67.534035638	6.7534035638e+1
488.95	67.535416872	6.7535416872e+1
488.96	67.536798106	6.7536798106e+1
488.97	67.538179339	6.7538179339e+1
488.98	67.539560573	6.7539560573e+1
488.99	67.540941806	6.7540941806e+1
489	67.54232304	6.754232304e+1
489.01	67.543704274	6.7543704274e+1
489.02	67.545085507	6.7545085507e+1
489.03	67.546466741	6.7546466741e+1
489.04	67.547847974	6.7547847974e+1
489.05	67.549229208	6.7549229208e+1
489.06	67.550610442	6.7550610442e+1
489.07	67.551991675	6.7551991675e+1
489.08	67.553372909	6.7553372909e+1
489.09	67.554754142	6.7554754142e+1
489.1	67.556135376	6.7556135376e+1
489.11	67.55751661	6.755751661e+1
489.12	67.558897843	6.7558897843e+1
489.13	67.560279077	6.7560279077e+1
489.14	67.56166031	6.756166031e+1
489.15	67.563041544	6.7563041544e+1
489.16	67.564422778	6.7564422778e+1
489.17	67.565804011	6.7565804011e+1
489.18	67.567185245	6.7567185245e+1
489.19	67.568566478	6.7568566478e+1
489.2	67.569947712	6.7569947712e+1

489.21	67.571328946	6.7571328946e+1
489.22	67.572710179	6.7572710179e+1
489.23	67.574091413	6.7574091413e+1
489.24	67.575472646	6.7575472646e+1
489.25	67.57685388	6.757685388e+1
489.26	67.578235114	6.7578235114e+1
489.27	67.579616347	6.7579616347e+1
489.28	67.580997581	6.7580997581e+1
489.29	67.582378814	6.7582378814e+1
489.3	67.583760048	6.7583760048e+1
489.31	67.585141282	6.7585141282e+1
489.32	67.586522515	6.7586522515e+1
489.33	67.587903749	6.7587903749e+1
489.34	67.589284982	6.7589284982e+1
489.35	67.590666216	6.7590666216e+1
489.36	67.59204745	6.759204745e+1
489.37	67.593428683	6.7593428683e+1
489.38	67.594809917	6.7594809917e+1
489.39	67.59619115	6.759619115e+1
489.4	67.597572384	6.7597572384e+1
489.41	67.598953618	6.7598953618e+1
489.42	67.600334851	6.7600334851e+1
489.43	67.601716085	6.7601716085e+1
489.44	67.603097318	6.7603097318e+1
489.45	67.604478552	6.7604478552e+1
489.46	67.605859786	6.7605859786e+1
489.47	67.607241019	6.7607241019e+1
489.48	67.608622253	6.7608622253e+1
489.49	67.610003486	6.7610003486e+1
489.5	67.61138472	6.761138472e+1
489.51	67.612765954	6.7612765954e+1
489.52	67.614147187	6.7614147187e+1
489.53	67.615528421	6.7615528421e+1
489.54	67.616909654	6.7616909654e+1
489.55	67.618290888	6.7618290888e+1
489.56	67.619672122	6.7619672122e+1
489.57	67.621053355	6.7621053355e+1
489.58	67.622434589	6.7622434589e+1

489.59	67.623815822	6.7623815822e+1
489.6	67.625197056	6.7625197056e+1
489.61	67.62657829	6.762657829e+1
489.62	67.627959523	6.7627959523e+1
489.63	67.629340757	6.7629340757e+1
489.64	67.63072199	6.763072199e+1
489.65	67.632103224	6.7632103224e+1
489.66	67.633484458	6.7633484458e+1
489.67	67.634865691	6.7634865691e+1
489.68	67.636246925	6.7636246925e+1
489.69	67.637628158	6.7637628158e+1
489.7	67.639009392	6.7639009392e+1
489.71	67.640390626	6.7640390626e+1
489.72	67.641771859	6.7641771859e+1
489.73	67.643153093	6.7643153093e+1
489.74	67.644534326	6.7644534326e+1
489.75	67.64591556	6.764591556e+1
489.76	67.647296794	6.7647296794e+1
489.77	67.648678027	6.7648678027e+1
489.78	67.650059261	6.7650059261e+1
489.79	67.651440494	6.7651440494e+1
489.8	67.652821728	6.7652821728e+1
489.81	67.654202962	6.7654202962e+1
489.82	67.655584195	6.7655584195e+1
489.83	67.656965429	6.7656965429e+1
489.84	67.658346662	6.7658346662e+1
489.85	67.659727896	6.7659727896e+1
489.86	67.66110913	6.766110913e+1
489.87	67.662490363	6.7662490363e+1
489.88	67.663871597	6.7663871597e+1
489.89	67.66525283	6.766525283e+1
489.9	67.666634064	6.7666634064e+1
489.91	67.668015298	6.7668015298e+1
489.92	67.669396531	6.7669396531e+1
489.93	67.670777765	6.7670777765e+1
489.94	67.672158998	6.7672158998e+1
489.95	67.673540232	6.7673540232e+1
489.96	67.674921466	6.7674921466e+1

489.97	67.676302699	6.7676302699e+1
489.98	67.677683933	6.7677683933e+1
489.99	67.679065166	6.7679065166e+1
490	67.6804464	6.76804464e+1
490.01	67.681827634	6.7681827634e+1
490.02	67.683208867	6.7683208867e+1
490.03	67.684590101	6.7684590101e+1
490.04	67.685971334	6.7685971334e+1
490.05	67.687352568	6.7687352568e+1
490.06	67.688733802	6.7688733802e+1
490.07	67.690115035	6.7690115035e+1
490.08	67.691496269	6.7691496269e+1
490.09	67.692877502	6.7692877502e+1
490.1	67.694258736	6.7694258736e+1
490.11	67.69563997	6.769563997e+1
490.12	67.697021203	6.7697021203e+1
490.13	67.698402437	6.7698402437e+1
490.14	67.69978367	6.769978367e+1
490.15	67.701164904	6.7701164904e+1
490.16	67.702546138	6.7702546138e+1
490.17	67.703927371	6.7703927371e+1
490.18	67.705308605	6.7705308605e+1
490.19	67.706689838	6.7706689838e+1
490.2	67.708071072	6.7708071072e+1
490.21	67.709452306	6.7709452306e+1
490.22	67.710833539	6.7710833539e+1
490.23	67.712214773	6.7712214773e+1
490.24	67.713596006	6.7713596006e+1
490.25	67.71497724	6.771497724e+1
490.26	67.716358474	6.7716358474e+1
490.27	67.717739707	6.7717739707e+1
490.28	67.719120941	6.7719120941e+1
490.29	67.720502174	6.7720502174e+1
490.3	67.721883408	6.7721883408e+1
490.31	67.723264642	6.7723264642e+1
490.32	67.724645875	6.7724645875e+1
490.33	67.726027109	6.7726027109e+1
490.34	67.727408342	6.7727408342e+1

490.35	67.728789576	6.7728789576e+1
490.36	67.73017081	6.773017081e+1
490.37	67.731552043	6.7731552043e+1
490.38	67.732933277	6.7732933277e+1
490.39	67.73431451	6.773431451e+1
490.4	67.735695744	6.7735695744e+1
490.41	67.737076978	6.7737076978e+1
490.42	67.738458211	6.7738458211e+1
490.43	67.739839445	6.7739839445e+1
490.44	67.741220678	6.7741220678e+1
490.45	67.742601912	6.7742601912e+1
490.46	67.743983146	6.7743983146e+1
490.47	67.745364379	6.7745364379e+1
490.48	67.746745613	6.7746745613e+1
490.49	67.748126846	6.7748126846e+1
490.5	67.74950808	6.774950808e+1
490.51	67.750889314	6.7750889314e+1
490.52	67.752270547	6.7752270547e+1
490.53	67.753651781	6.7753651781e+1
490.54	67.755033014	6.7755033014e+1
490.55	67.756414248	6.7756414248e+1
490.56	67.757795482	6.7757795482e+1
490.57	67.759176715	6.7759176715e+1
490.58	67.760557949	6.7760557949e+1
490.59	67.761939182	6.7761939182e+1
490.6	67.763320416	6.7763320416e+1
490.61	67.76470165	6.776470165e+1
490.62	67.766082883	6.7766082883e+1
490.63	67.767464117	6.7767464117e+1
490.64	67.76884535	6.776884535e+1
490.65	67.770226584	6.7770226584e+1
490.66	67.771607818	6.7771607818e+1
490.67	67.772989051	6.7772989051e+1
490.68	67.774370285	6.7774370285e+1
490.69	67.775751518	6.7775751518e+1
490.7	67.777132752	6.7777132752e+1
490.71	67.778513986	6.7778513986e+1
490.72	67.779895219	6.7779895219e+1

490.73	67.781276453	6.7781276453e+1
490.74	67.782657686	6.7782657686e+1
490.75	67.78403892	6.778403892e+1
490.76	67.785420154	6.7785420154e+1
490.77	67.786801387	6.7786801387e+1
490.78	67.788182621	6.7788182621e+1
490.79	67.789563854	6.7789563854e+1
490.8	67.790945088	6.7790945088e+1
490.81	67.792326322	6.7792326322e+1
490.82	67.793707555	6.7793707555e+1
490.83	67.795088789	6.7795088789e+1
490.84	67.796470022	6.7796470022e+1
490.85	67.797851256	6.7797851256e+1
490.86	67.79923249	6.779923249e+1
490.87	67.800613723	6.7800613723e+1
490.88	67.801994957	6.7801994957e+1
490.89	67.80337619	6.780337619e+1
490.9	67.804757424	6.7804757424e+1
490.91	67.806138658	6.7806138658e+1
490.92	67.807519891	6.7807519891e+1
490.93	67.808901125	6.7808901125e+1
490.94	67.810282358	6.7810282358e+1
490.95	67.811663592	6.7811663592e+1
490.96	67.813044826	6.7813044826e+1
490.97	67.814426059	6.7814426059e+1
490.98	67.815807293	6.7815807293e+1
490.99	67.817188526	6.7817188526e+1
491	67.81856976	6.781856976e+1
491.01	67.819950994	6.7819950994e+1
491.02	67.821332227	6.7821332227e+1
491.03	67.822713461	6.7822713461e+1
491.04	67.824094694	6.7824094694e+1
491.05	67.825475928	6.7825475928e+1
491.06	67.826857162	6.7826857162e+1
491.07	67.828238395	6.7828238395e+1
491.08	67.829619629	6.7829619629e+1
491.09	67.831000862	6.7831000862e+1
491.1	67.832382096	6.7832382096e+1

491.11	67.83376333	6.783376333e+1
491.12	67.835144563	6.7835144563e+1
491.13	67.836525797	6.7836525797e+1
491.14	67.83790703	6.783790703e+1
491.15	67.839288264	6.7839288264e+1
491.16	67.840669498	6.7840669498e+1
491.17	67.842050731	6.7842050731e+1
491.18	67.843431965	6.7843431965e+1
491.19	67.844813198	6.7844813198e+1
491.2	67.846194432	6.7846194432e+1
491.21	67.847575666	6.7847575666e+1
491.22	67.848956899	6.7848956899e+1
491.23	67.850338133	6.7850338133e+1
491.24	67.851719366	6.7851719366e+1
491.25	67.8531006	6.78531006e+1
491.26	67.854481834	6.7854481834e+1
491.27	67.855863067	6.7855863067e+1
491.28	67.857244301	6.7857244301e+1
491.29	67.858625534	6.7858625534e+1
491.3	67.860006768	6.7860006768e+1
491.31	67.861388002	6.7861388002e+1
491.32	67.862769235	6.7862769235e+1
491.33	67.864150469	6.7864150469e+1
491.34	67.865531702	6.7865531702e+1
491.35	67.866912936	6.7866912936e+1
491.36	67.86829417	6.786829417e+1
491.37	67.869675403	6.7869675403e+1
491.38	67.871056637	6.7871056637e+1
491.39	67.87243787	6.787243787e+1
491.4	67.873819104	6.7873819104e+1
491.41	67.875200338	6.7875200338e+1
491.42	67.876581571	6.7876581571e+1
491.43	67.877962805	6.7877962805e+1
491.44	67.879344038	6.7879344038e+1
491.45	67.880725272	6.7880725272e+1
491.46	67.882106506	6.7882106506e+1
491.47	67.883487739	6.7883487739e+1
491.48	67.884868973	6.7884868973e+1

491.49	67.886250206	6.7886250206e+1
491.5	67.88763144	6.788763144e+1
491.51	67.889012674	6.7889012674e+1
491.52	67.890393907	6.7890393907e+1
491.53	67.891775141	6.7891775141e+1
491.54	67.893156374	6.7893156374e+1
491.55	67.894537608	6.7894537608e+1
491.56	67.895918842	6.7895918842e+1
491.57	67.897300075	6.7897300075e+1
491.58	67.898681309	6.7898681309e+1
491.59	67.900062542	6.7900062542e+1
491.6	67.901443776	6.7901443776e+1
491.61	67.90282501	6.790282501e+1
491.62	67.904206243	6.7904206243e+1
491.63	67.905587477	6.7905587477e+1
491.64	67.90696871	6.790696871e+1
491.65	67.908349944	6.7908349944e+1
491.66	67.909731178	6.7909731178e+1
491.67	67.911112411	6.7911112411e+1
491.68	67.912493645	6.7912493645e+1
491.69	67.913874878	6.7913874878e+1
491.7	67.915256112	6.7915256112e+1
491.71	67.916637346	6.7916637346e+1
491.72	67.918018579	6.7918018579e+1
491.73	67.919399813	6.7919399813e+1
491.74	67.920781046	6.7920781046e+1
491.75	67.92216228	6.792216228e+1
491.76	67.923543514	6.7923543514e+1
491.77	67.924924747	6.7924924747e+1
491.78	67.926305981	6.7926305981e+1
491.79	67.927687214	6.7927687214e+1
491.8	67.929068448	6.7929068448e+1
491.81	67.930449682	6.7930449682e+1
491.82	67.931830915	6.7931830915e+1
491.83	67.933212149	6.7933212149e+1
491.84	67.934593382	6.7934593382e+1
491.85	67.935974616	6.7935974616e+1
491.86	67.93735585	6.793735585e+1

491.87	67.938737083	6.7938737083e+1
491.88	67.940118317	6.7940118317e+1
491.89	67.94149955	6.794149955e+1
491.9	67.942880784	6.7942880784e+1
491.91	67.944262018	6.7944262018e+1
491.92	67.945643251	6.7945643251e+1
491.93	67.947024485	6.7947024485e+1
491.94	67.948405718	6.7948405718e+1
491.95	67.949786952	6.7949786952e+1
491.96	67.951168186	6.7951168186e+1
491.97	67.952549419	6.7952549419e+1
491.98	67.953930653	6.7953930653e+1
491.99	67.955311886	6.7955311886e+1
492	67.95669312	6.795669312e+1
492.01	67.958074354	6.7958074354e+1
492.02	67.959455587	6.7959455587e+1
492.03	67.960836821	6.7960836821e+1
492.04	67.962218054	6.7962218054e+1
492.05	67.963599288	6.7963599288e+1
492.06	67.964980522	6.7964980522e+1
492.07	67.966361755	6.7966361755e+1
492.08	67.967742989	6.7967742989e+1
492.09	67.969124222	6.7969124222e+1
492.1	67.970505456	6.7970505456e+1
492.11	67.97188669	6.797188669e+1
492.12	67.973267923	6.7973267923e+1
492.13	67.974649157	6.7974649157e+1
492.14	67.97603039	6.797603039e+1
492.15	67.977411624	6.7977411624e+1
492.16	67.978792858	6.7978792858e+1
492.17	67.980174091	6.7980174091e+1
492.18	67.981555325	6.7981555325e+1
492.19	67.982936558	6.7982936558e+1
492.2	67.984317792	6.7984317792e+1
492.21	67.985699026	6.7985699026e+1
492.22	67.987080259	6.7987080259e+1
492.23	67.988461493	6.7988461493e+1
492.24	67.989842726	6.7989842726e+1

492.25	67.99122396	6.799122396e+1
492.26	67.992605194	6.7992605194e+1
492.27	67.993986427	6.7993986427e+1
492.28	67.995367661	6.7995367661e+1
492.29	67.996748894	6.7996748894e+1
492.3	67.998130128	6.7998130128e+1
492.31	67.999511362	6.7999511362e+1
492.32	68.000892595	6.8000892595e+1
492.33	68.002273829	6.8002273829e+1
492.34	68.003655062	6.8003655062e+1
492.35	68.005036296	6.8005036296e+1
492.36	68.00641753	6.800641753e+1
492.37	68.007798763	6.8007798763e+1
492.38	68.009179997	6.8009179997e+1
492.39	68.01056123	6.801056123e+1
492.4	68.011942464	6.8011942464e+1
492.41	68.013323698	6.8013323698e+1
492.42	68.014704931	6.8014704931e+1
492.43	68.016086165	6.8016086165e+1
492.44	68.017467398	6.8017467398e+1
492.45	68.018848632	6.8018848632e+1
492.46	68.020229866	6.8020229866e+1
492.47	68.021611099	6.8021611099e+1
492.48	68.022992333	6.8022992333e+1
492.49	68.024373566	6.8024373566e+1
492.5	68.0257548	6.80257548e+1
492.51	68.027136034	6.8027136034e+1
492.52	68.028517267	6.8028517267e+1
492.53	68.029898501	6.8029898501e+1
492.54	68.031279734	6.8031279734e+1
492.55	68.032660968	6.8032660968e+1
492.56	68.034042202	6.8034042202e+1
492.57	68.035423435	6.8035423435e+1
492.58	68.036804669	6.8036804669e+1
492.59	68.038185902	6.8038185902e+1
492.6	68.039567136	6.8039567136e+1
492.61	68.04094837	6.804094837e+1
492.62	68.042329603	6.8042329603e+1

492.63	68.043710837	6.8043710837e+1
492.64	68.04509207	6.804509207e+1
492.65	68.046473304	6.8046473304e+1
492.66	68.047854538	6.8047854538e+1
492.67	68.049235771	6.8049235771e+1
492.68	68.050617005	6.8050617005e+1
492.69	68.051998238	6.8051998238e+1
492.7	68.053379472	6.8053379472e+1
492.71	68.054760706	6.8054760706e+1
492.72	68.056141939	6.8056141939e+1
492.73	68.057523173	6.8057523173e+1
492.74	68.058904406	6.8058904406e+1
492.75	68.06028564	6.806028564e+1
492.76	68.061666874	6.8061666874e+1
492.77	68.063048107	6.8063048107e+1
492.78	68.064429341	6.8064429341e+1
492.79	68.065810574	6.8065810574e+1
492.8	68.067191808	6.8067191808e+1
492.81	68.068573042	6.8068573042e+1
492.82	68.069954275	6.8069954275e+1
492.83	68.071335509	6.8071335509e+1
492.84	68.072716742	6.8072716742e+1
492.85	68.074097976	6.8074097976e+1
492.86	68.07547921	6.807547921e+1
492.87	68.076860443	6.8076860443e+1
492.88	68.078241677	6.8078241677e+1
492.89	68.07962291	6.807962291e+1
492.9	68.081004144	6.8081004144e+1
492.91	68.082385378	6.8082385378e+1
492.92	68.083766611	6.8083766611e+1
492.93	68.085147845	6.8085147845e+1
492.94	68.086529078	6.8086529078e+1
492.95	68.087910312	6.8087910312e+1
492.96	68.089291546	6.8089291546e+1
492.97	68.090672779	6.8090672779e+1
492.98	68.092054013	6.8092054013e+1
492.99	68.093435246	6.8093435246e+1
493	68.09481648	6.809481648e+1

493.01	68.096197714	6.8096197714e+1
493.02	68.097578947	6.8097578947e+1
493.03	68.098960181	6.8098960181e+1
493.04	68.100341414	6.8100341414e+1
493.05	68.101722648	6.8101722648e+1
493.06	68.103103882	6.8103103882e+1
493.07	68.104485115	6.8104485115e+1
493.08	68.105866349	6.8105866349e+1
493.09	68.107247582	6.8107247582e+1
493.1	68.108628816	6.8108628816e+1
493.11	68.11001005	6.811001005e+1
493.12	68.111391283	6.8111391283e+1
493.13	68.112772517	6.8112772517e+1
493.14	68.11415375	6.811415375e+1
493.15	68.115534984	6.8115534984e+1
493.16	68.116916218	6.8116916218e+1
493.17	68.118297451	6.8118297451e+1
493.18	68.119678685	6.8119678685e+1
493.19	68.121059918	6.8121059918e+1
493.2	68.122441152	6.8122441152e+1
493.21	68.123822386	6.8123822386e+1
493.22	68.125203619	6.8125203619e+1
493.23	68.126584853	6.8126584853e+1
493.24	68.127966086	6.8127966086e+1
493.25	68.12934732	6.812934732e+1
493.26	68.130728554	6.8130728554e+1
493.27	68.132109787	6.8132109787e+1
493.28	68.133491021	6.8133491021e+1
493.29	68.134872254	6.8134872254e+1
493.3	68.136253488	6.8136253488e+1
493.31	68.137634722	6.8137634722e+1
493.32	68.139015955	6.8139015955e+1
493.33	68.140397189	6.8140397189e+1
493.34	68.141778422	6.8141778422e+1
493.35	68.143159656	6.8143159656e+1
493.36	68.14454089	6.814454089e+1
493.37	68.145922123	6.8145922123e+1
493.38	68.147303357	6.8147303357e+1

493.39	68.14868459	6.814868459e+1
493.4	68.150065824	6.8150065824e+1
493.41	68.151447058	6.8151447058e+1
493.42	68.152828291	6.8152828291e+1
493.43	68.154209525	6.8154209525e+1
493.44	68.155590758	6.8155590758e+1
493.45	68.156971992	6.8156971992e+1
493.46	68.158353226	6.8158353226e+1
493.47	68.159734459	6.8159734459e+1
493.48	68.161115693	6.8161115693e+1
493.49	68.162496926	6.8162496926e+1
493.5	68.16387816	6.816387816e+1
493.51	68.165259394	6.8165259394e+1
493.52	68.166640627	6.8166640627e+1
493.53	68.168021861	6.8168021861e+1
493.54	68.169403094	6.8169403094e+1
493.55	68.170784328	6.8170784328e+1
493.56	68.172165562	6.8172165562e+1
493.57	68.173546795	6.8173546795e+1
493.58	68.174928029	6.8174928029e+1
493.59	68.176309262	6.8176309262e+1
493.6	68.177690496	6.8177690496e+1
493.61	68.17907173	6.817907173e+1
493.62	68.180452963	6.8180452963e+1
493.63	68.181834197	6.8181834197e+1
493.64	68.18321543	6.818321543e+1
493.65	68.184596664	6.8184596664e+1
493.66	68.185977898	6.8185977898e+1
493.67	68.187359131	6.8187359131e+1
493.68	68.188740365	6.8188740365e+1
493.69	68.190121598	6.8190121598e+1
493.7	68.191502832	6.8191502832e+1
493.71	68.192884066	6.8192884066e+1
493.72	68.194265299	6.8194265299e+1
493.73	68.195646533	6.8195646533e+1
493.74	68.197027766	6.8197027766e+1
493.75	68.198409	6.8198409e+1
493.76	68.199790234	6.8199790234e+1

493.77	68.201171467	6.8201171467e+1
493.78	68.202552701	6.8202552701e+1
493.79	68.203933934	6.8203933934e+1
493.8	68.205315168	6.8205315168e+1
493.81	68.206696402	6.8206696402e+1
493.82	68.208077635	6.8208077635e+1
493.83	68.209458869	6.8209458869e+1
493.84	68.210840102	6.8210840102e+1
493.85	68.212221336	6.8212221336e+1
493.86	68.21360257	6.821360257e+1
493.87	68.214983803	6.8214983803e+1
493.88	68.216365037	6.8216365037e+1
493.89	68.21774627	6.821774627e+1
493.9	68.219127504	6.8219127504e+1
493.91	68.220508738	6.8220508738e+1
493.92	68.221889971	6.8221889971e+1
493.93	68.223271205	6.8223271205e+1
493.94	68.224652438	6.8224652438e+1
493.95	68.226033672	6.8226033672e+1
493.96	68.227414906	6.8227414906e+1
493.97	68.228796139	6.8228796139e+1
493.98	68.230177373	6.8230177373e+1
493.99	68.231558606	6.8231558606e+1
494	68.23293984	6.823293984e+1
494.01	68.234321074	6.8234321074e+1
494.02	68.235702307	6.8235702307e+1
494.03	68.237083541	6.8237083541e+1
494.04	68.238464774	6.8238464774e+1
494.05	68.239846008	6.8239846008e+1
494.06	68.241227242	6.8241227242e+1
494.07	68.242608475	6.8242608475e+1
494.08	68.243989709	6.8243989709e+1
494.09	68.245370942	6.8245370942e+1
494.1	68.246752176	6.8246752176e+1
494.11	68.24813341	6.824813341e+1
494.12	68.249514643	6.8249514643e+1
494.13	68.250895877	6.8250895877e+1
494.14	68.25227711	6.825227711e+1

494.15	68.253658344	6.8253658344e+1
494.16	68.255039578	6.8255039578e+1
494.17	68.256420811	6.8256420811e+1
494.18	68.257802045	6.8257802045e+1
494.19	68.259183278	6.8259183278e+1
494.2	68.260564512	6.8260564512e+1
494.21	68.261945746	6.8261945746e+1
494.22	68.263326979	6.8263326979e+1
494.23	68.264708213	6.8264708213e+1
494.24	68.266089446	6.8266089446e+1
494.25	68.26747068	6.826747068e+1
494.26	68.268851914	6.8268851914e+1
494.27	68.270233147	6.8270233147e+1
494.28	68.271614381	6.8271614381e+1
494.29	68.272995614	6.8272995614e+1
494.3	68.274376848	6.8274376848e+1
494.31	68.275758082	6.8275758082e+1
494.32	68.277139315	6.8277139315e+1
494.33	68.278520549	6.8278520549e+1
494.34	68.279901782	6.8279901782e+1
494.35	68.281283016	6.8281283016e+1
494.36	68.28266425	6.828266425e+1
494.37	68.284045483	6.8284045483e+1
494.38	68.285426717	6.8285426717e+1
494.39	68.28680795	6.828680795e+1
494.4	68.288189184	6.8288189184e+1
494.41	68.289570418	6.8289570418e+1
494.42	68.290951651	6.8290951651e+1
494.43	68.292332885	6.8292332885e+1
494.44	68.293714118	6.8293714118e+1
494.45	68.295095352	6.8295095352e+1
494.46	68.296476586	6.8296476586e+1
494.47	68.297857819	6.8297857819e+1
494.48	68.299239053	6.8299239053e+1
494.49	68.300620286	6.8300620286e+1
494.5	68.30200152	6.830200152e+1
494.51	68.303382754	6.8303382754e+1
494.52	68.304763987	6.8304763987e+1

494.53	68.306145221	6.8306145221e+1
494.54	68.307526454	6.8307526454e+1
494.55	68.308907688	6.8308907688e+1
494.56	68.310288922	6.8310288922e+1
494.57	68.311670155	6.8311670155e+1
494.58	68.313051389	6.8313051389e+1
494.59	68.314432622	6.8314432622e+1
494.6	68.315813856	6.8315813856e+1
494.61	68.31719509	6.831719509e+1
494.62	68.318576323	6.8318576323e+1
494.63	68.319957557	6.8319957557e+1
494.64	68.32133879	6.832133879e+1
494.65	68.322720024	6.8322720024e+1
494.66	68.324101258	6.8324101258e+1
494.67	68.325482491	6.8325482491e+1
494.68	68.326863725	6.8326863725e+1
494.69	68.328244958	6.8328244958e+1
494.7	68.329626192	6.8329626192e+1
494.71	68.331007426	6.8331007426e+1
494.72	68.332388659	6.8332388659e+1
494.73	68.333769893	6.8333769893e+1
494.74	68.335151126	6.8335151126e+1
494.75	68.33653236	6.833653236e+1
494.76	68.337913594	6.8337913594e+1
494.77	68.339294827	6.8339294827e+1
494.78	68.340676061	6.8340676061e+1
494.79	68.342057294	6.8342057294e+1
494.8	68.343438528	6.8343438528e+1
494.81	68.344819762	6.8344819762e+1
494.82	68.346200995	6.8346200995e+1
494.83	68.347582229	6.8347582229e+1
494.84	68.348963462	6.8348963462e+1
494.85	68.350344696	6.8350344696e+1
494.86	68.35172593	6.835172593e+1
494.87	68.353107163	6.8353107163e+1
494.88	68.354488397	6.8354488397e+1
494.89	68.35586963	6.835586963e+1
494.9	68.357250864	6.8357250864e+1

494.91	68.358632098	6.8358632098e+1
494.92	68.360013331	6.8360013331e+1
494.93	68.361394565	6.8361394565e+1
494.94	68.362775798	6.8362775798e+1
494.95	68.364157032	6.8364157032e+1
494.96	68.365538266	6.8365538266e+1
494.97	68.366919499	6.8366919499e+1
494.98	68.368300733	6.8368300733e+1
494.99	68.369681966	6.8369681966e+1
495	68.3710632	6.83710632e+1
495.01	68.372444434	6.8372444434e+1
495.02	68.373825667	6.8373825667e+1
495.03	68.375206901	6.8375206901e+1
495.04	68.376588134	6.8376588134e+1
495.05	68.377969368	6.8377969368e+1
495.06	68.379350602	6.8379350602e+1
495.07	68.380731835	6.8380731835e+1
495.08	68.382113069	6.8382113069e+1
495.09	68.383494302	6.8383494302e+1
495.1	68.384875536	6.8384875536e+1
495.11	68.38625677	6.838625677e+1
495.12	68.387638003	6.8387638003e+1
495.13	68.389019237	6.8389019237e+1
495.14	68.39040047	6.839040047e+1
495.15	68.391781704	6.8391781704e+1
495.16	68.393162938	6.8393162938e+1
495.17	68.394544171	6.8394544171e+1
495.18	68.395925405	6.8395925405e+1
495.19	68.397306638	6.8397306638e+1
495.2	68.398687872	6.8398687872e+1
495.21	68.400069106	6.8400069106e+1
495.22	68.401450339	6.8401450339e+1
495.23	68.402831573	6.8402831573e+1
495.24	68.404212806	6.8404212806e+1
495.25	68.40559404	6.840559404e+1
495.26	68.406975274	6.8406975274e+1
495.27	68.408356507	6.8408356507e+1
495.28	68.409737741	6.8409737741e+1

495.29	68.411118974	6.8411118974e+1
495.3	68.412500208	6.8412500208e+1
495.31	68.413881442	6.8413881442e+1
495.32	68.415262675	6.8415262675e+1
495.33	68.416643909	6.8416643909e+1
495.34	68.418025142	6.8418025142e+1
495.35	68.419406376	6.8419406376e+1
495.36	68.42078761	6.842078761e+1
495.37	68.422168843	6.8422168843e+1
495.38	68.423550077	6.8423550077e+1
495.39	68.42493131	6.842493131e+1
495.4	68.426312544	6.8426312544e+1
495.41	68.427693778	6.8427693778e+1
495.42	68.429075011	6.8429075011e+1
495.43	68.430456245	6.8430456245e+1
495.44	68.431837478	6.8431837478e+1
495.45	68.433218712	6.8433218712e+1
495.46	68.434599946	6.8434599946e+1
495.47	68.435981179	6.8435981179e+1
495.48	68.437362413	6.8437362413e+1
495.49	68.438743646	6.8438743646e+1
495.5	68.44012488	6.844012488e+1
495.51	68.441506114	6.8441506114e+1
495.52	68.442887347	6.8442887347e+1
495.53	68.444268581	6.8444268581e+1
495.54	68.445649814	6.8445649814e+1
495.55	68.447031048	6.8447031048e+1
495.56	68.448412282	6.8448412282e+1
495.57	68.449793515	6.8449793515e+1
495.58	68.451174749	6.8451174749e+1
495.59	68.452555982	6.8452555982e+1
495.6	68.453937216	6.8453937216e+1
495.61	68.45531845	6.845531845e+1
495.62	68.456699683	6.8456699683e+1
495.63	68.458080917	6.8458080917e+1
495.64	68.45946215	6.845946215e+1
495.65	68.460843384	6.8460843384e+1
495.66	68.462224618	6.8462224618e+1

495.67	68.463605851	6.8463605851e+1
495.68	68.464987085	6.8464987085e+1
495.69	68.466368318	6.8466368318e+1
495.7	68.467749552	6.8467749552e+1
495.71	68.469130786	6.8469130786e+1
495.72	68.470512019	6.8470512019e+1
495.73	68.471893253	6.8471893253e+1
495.74	68.473274486	6.8473274486e+1
495.75	68.47465572	6.847465572e+1
495.76	68.476036954	6.8476036954e+1
495.77	68.477418187	6.8477418187e+1
495.78	68.478799421	6.8478799421e+1
495.79	68.480180654	6.8480180654e+1
495.8	68.481561888	6.8481561888e+1
495.81	68.482943122	6.8482943122e+1
495.82	68.484324355	6.8484324355e+1
495.83	68.485705589	6.8485705589e+1
495.84	68.487086822	6.8487086822e+1
495.85	68.488468056	6.8488468056e+1
495.86	68.48984929	6.848984929e+1
495.87	68.491230523	6.8491230523e+1
495.88	68.492611757	6.8492611757e+1
495.89	68.49399299	6.849399299e+1
495.9	68.495374224	6.8495374224e+1
495.91	68.496755458	6.8496755458e+1
495.92	68.498136691	6.8498136691e+1
495.93	68.499517925	6.8499517925e+1
495.94	68.500899158	6.8500899158e+1
495.95	68.502280392	6.8502280392e+1
495.96	68.503661626	6.8503661626e+1
495.97	68.505042859	6.8505042859e+1
495.98	68.506424093	6.8506424093e+1
495.99	68.507805326	6.8507805326e+1
496	68.50918656	6.850918656e+1
496.01	68.510567794	6.8510567794e+1
496.02	68.511949027	6.8511949027e+1
496.03	68.513330261	6.8513330261e+1
496.04	68.514711494	6.8514711494e+1

496.05	68.516092728	6.8516092728e+1
496.06	68.517473962	6.8517473962e+1
496.07	68.518855195	6.8518855195e+1
496.08	68.520236429	6.8520236429e+1
496.09	68.521617662	6.8521617662e+1
496.1	68.522998896	6.8522998896e+1
496.11	68.52438013	6.852438013e+1
496.12	68.525761363	6.8525761363e+1
496.13	68.527142597	6.8527142597e+1
496.14	68.52852383	6.852852383e+1
496.15	68.529905064	6.8529905064e+1
496.16	68.531286298	6.8531286298e+1
496.17	68.532667531	6.8532667531e+1
496.18	68.534048765	6.8534048765e+1
496.19	68.535429998	6.8535429998e+1
496.2	68.536811232	6.8536811232e+1
496.21	68.538192466	6.8538192466e+1
496.22	68.539573699	6.8539573699e+1
496.23	68.540954933	6.8540954933e+1
496.24	68.542336166	6.8542336166e+1
496.25	68.5437174	6.85437174e+1
496.26	68.545098634	6.8545098634e+1
496.27	68.546479867	6.8546479867e+1
496.28	68.547861101	6.8547861101e+1
496.29	68.549242334	6.8549242334e+1
496.3	68.550623568	6.8550623568e+1
496.31	68.552004802	6.8552004802e+1
496.32	68.553386035	6.8553386035e+1
496.33	68.554767269	6.8554767269e+1
496.34	68.556148502	6.8556148502e+1
496.35	68.557529736	6.8557529736e+1
496.36	68.55891097	6.855891097e+1
496.37	68.560292203	6.8560292203e+1
496.38	68.561673437	6.8561673437e+1
496.39	68.56305467	6.856305467e+1
496.4	68.564435904	6.8564435904e+1
496.41	68.565817138	6.8565817138e+1
496.42	68.567198371	6.8567198371e+1

496.43	68.568579605	6.8568579605e+1
496.44	68.569960838	6.8569960838e+1
496.45	68.571342072	6.8571342072e+1
496.46	68.572723306	6.8572723306e+1
496.47	68.574104539	6.8574104539e+1
496.48	68.575485773	6.8575485773e+1
496.49	68.576867006	6.8576867006e+1
496.5	68.57824824	6.857824824e+1
496.51	68.579629474	6.8579629474e+1
496.52	68.581010707	6.8581010707e+1
496.53	68.582391941	6.8582391941e+1
496.54	68.583773174	6.8583773174e+1
496.55	68.585154408	6.8585154408e+1
496.56	68.586535642	6.8586535642e+1
496.57	68.587916875	6.8587916875e+1
496.58	68.589298109	6.8589298109e+1
496.59	68.590679342	6.8590679342e+1
496.6	68.592060576	6.8592060576e+1
496.61	68.59344181	6.859344181e+1
496.62	68.594823043	6.8594823043e+1
496.63	68.596204277	6.8596204277e+1
496.64	68.59758551	6.859758551e+1
496.65	68.598966744	6.8598966744e+1
496.66	68.600347978	6.8600347978e+1
496.67	68.601729211	6.8601729211e+1
496.68	68.603110445	6.8603110445e+1
496.69	68.604491678	6.8604491678e+1
496.7	68.605872912	6.8605872912e+1
496.71	68.607254146	6.8607254146e+1
496.72	68.608635379	6.8608635379e+1
496.73	68.610016613	6.8610016613e+1
496.74	68.611397846	6.8611397846e+1
496.75	68.61277908	6.861277908e+1
496.76	68.614160314	6.8614160314e+1
496.77	68.615541547	6.8615541547e+1
496.78	68.616922781	6.8616922781e+1
496.79	68.618304014	6.8618304014e+1
496.8	68.619685248	6.8619685248e+1

496.81	68.621066482	6.8621066482e+1
496.82	68.622447715	6.8622447715e+1
496.83	68.623828949	6.8623828949e+1
496.84	68.625210182	6.8625210182e+1
496.85	68.626591416	6.8626591416e+1
496.86	68.62797265	6.862797265e+1
496.87	68.629353883	6.8629353883e+1
496.88	68.630735117	6.8630735117e+1
496.89	68.63211635	6.863211635e+1
496.9	68.633497584	6.8633497584e+1
496.91	68.634878818	6.8634878818e+1
496.92	68.636260051	6.8636260051e+1
496.93	68.637641285	6.8637641285e+1
496.94	68.639022518	6.8639022518e+1
496.95	68.640403752	6.8640403752e+1
496.96	68.641784986	6.8641784986e+1
496.97	68.643166219	6.8643166219e+1
496.98	68.644547453	6.8644547453e+1
496.99	68.645928686	6.8645928686e+1
497	68.64730992	6.864730992e+1
497.01	68.648691154	6.8648691154e+1
497.02	68.650072387	6.8650072387e+1
497.03	68.651453621	6.8651453621e+1
497.04	68.652834854	6.8652834854e+1
497.05	68.654216088	6.8654216088e+1
497.06	68.655597322	6.8655597322e+1
497.07	68.656978555	6.8656978555e+1
497.08	68.658359789	6.8658359789e+1
497.09	68.659741022	6.8659741022e+1
497.1	68.661122256	6.8661122256e+1
497.11	68.66250349	6.866250349e+1
497.12	68.663884723	6.8663884723e+1
497.13	68.665265957	6.8665265957e+1
497.14	68.66664719	6.866664719e+1
497.15	68.668028424	6.8668028424e+1
497.16	68.669409658	6.8669409658e+1
497.17	68.670790891	6.8670790891e+1
497.18	68.672172125	6.8672172125e+1

497.19	68.673553358	6.8673553358e+1
497.2	68.674934592	6.8674934592e+1
497.21	68.676315826	6.8676315826e+1
497.22	68.677697059	6.8677697059e+1
497.23	68.679078293	6.8679078293e+1
497.24	68.680459526	6.8680459526e+1
497.25	68.68184076	6.868184076e+1
497.26	68.683221994	6.8683221994e+1
497.27	68.684603227	6.8684603227e+1
497.28	68.685984461	6.8685984461e+1
497.29	68.687365694	6.8687365694e+1
497.3	68.688746928	6.8688746928e+1
497.31	68.690128162	6.8690128162e+1
497.32	68.691509395	6.8691509395e+1
497.33	68.692890629	6.8692890629e+1
497.34	68.694271862	6.8694271862e+1
497.35	68.695653096	6.8695653096e+1
497.36	68.69703433	6.869703433e+1
497.37	68.698415563	6.8698415563e+1
497.38	68.699796797	6.8699796797e+1
497.39	68.70117803	6.870117803e+1
497.4	68.702559264	6.8702559264e+1
497.41	68.703940498	6.8703940498e+1
497.42	68.705321731	6.8705321731e+1
497.43	68.706702965	6.8706702965e+1
497.44	68.708084198	6.8708084198e+1
497.45	68.709465432	6.8709465432e+1
497.46	68.710846666	6.8710846666e+1
497.47	68.712227899	6.8712227899e+1
497.48	68.713609133	6.8713609133e+1
497.49	68.714990366	6.8714990366e+1
497.5	68.7163716	6.87163716e+1
497.51	68.717752834	6.8717752834e+1
497.52	68.719134067	6.8719134067e+1
497.53	68.720515301	6.8720515301e+1
497.54	68.721896534	6.8721896534e+1
497.55	68.723277768	6.8723277768e+1
497.56	68.724659002	6.8724659002e+1

497.57	68.726040235	6.8726040235e+1
497.58	68.727421469	6.8727421469e+1
497.59	68.728802702	6.8728802702e+1
497.6	68.730183936	6.8730183936e+1
497.61	68.73156517	6.873156517e+1
497.62	68.732946403	6.8732946403e+1
497.63	68.734327637	6.8734327637e+1
497.64	68.73570887	6.873570887e+1
497.65	68.737090104	6.8737090104e+1
497.66	68.738471338	6.8738471338e+1
497.67	68.739852571	6.8739852571e+1
497.68	68.741233805	6.8741233805e+1
497.69	68.742615038	6.8742615038e+1
497.7	68.743996272	6.8743996272e+1
497.71	68.745377506	6.8745377506e+1
497.72	68.746758739	6.8746758739e+1
497.73	68.748139973	6.8748139973e+1
497.74	68.749521206	6.8749521206e+1
497.75	68.75090244	6.875090244e+1
497.76	68.752283674	6.8752283674e+1
497.77	68.753664907	6.8753664907e+1
497.78	68.755046141	6.8755046141e+1
497.79	68.756427374	6.8756427374e+1
497.8	68.757808608	6.8757808608e+1
497.81	68.759189842	6.8759189842e+1
497.82	68.760571075	6.8760571075e+1
497.83	68.761952309	6.8761952309e+1
497.84	68.763333542	6.8763333542e+1
497.85	68.764714776	6.8764714776e+1
497.86	68.76609601	6.876609601e+1
497.87	68.767477243	6.8767477243e+1
497.88	68.768858477	6.8768858477e+1
497.89	68.77023971	6.877023971e+1
497.9	68.771620944	6.8771620944e+1
497.91	68.773002178	6.8773002178e+1
497.92	68.774383411	6.8774383411e+1
497.93	68.775764645	6.8775764645e+1
497.94	68.777145878	6.8777145878e+1

497.95	68.778527112	6.8778527112e+1
497.96	68.779908346	6.8779908346e+1
497.97	68.781289579	6.8781289579e+1
497.98	68.782670813	6.8782670813e+1
497.99	68.784052046	6.8784052046e+1
498	68.78543328	6.878543328e+1
498.01	68.786814514	6.8786814514e+1
498.02	68.788195747	6.8788195747e+1
498.03	68.789576981	6.8789576981e+1
498.04	68.790958214	6.8790958214e+1
498.05	68.792339448	6.8792339448e+1
498.06	68.793720682	6.8793720682e+1
498.07	68.795101915	6.8795101915e+1
498.08	68.796483149	6.8796483149e+1
498.09	68.797864382	6.8797864382e+1
498.1	68.799245616	6.8799245616e+1
498.11	68.80062685	6.880062685e+1
498.12	68.802008083	6.8802008083e+1
498.13	68.803389317	6.8803389317e+1
498.14	68.80477055	6.880477055e+1
498.15	68.806151784	6.8806151784e+1
498.16	68.807533018	6.8807533018e+1
498.17	68.808914251	6.8808914251e+1
498.18	68.810295485	6.8810295485e+1
498.19	68.811676718	6.8811676718e+1
498.2	68.813057952	6.8813057952e+1
498.21	68.814439186	6.8814439186e+1
498.22	68.815820419	6.8815820419e+1
498.23	68.817201653	6.8817201653e+1
498.24	68.818582886	6.8818582886e+1
498.25	68.81996412	6.881996412e+1
498.26	68.821345354	6.8821345354e+1
498.27	68.822726587	6.8822726587e+1
498.28	68.824107821	6.8824107821e+1
498.29	68.825489054	6.8825489054e+1
498.3	68.826870288	6.8826870288e+1
498.31	68.828251522	6.8828251522e+1
498.32	68.829632755	6.8829632755e+1

498.33	68.831013989	6.8831013989e+1
498.34	68.832395222	6.8832395222e+1
498.35	68.833776456	6.8833776456e+1
498.36	68.83515769	6.883515769e+1
498.37	68.836538923	6.8836538923e+1
498.38	68.837920157	6.8837920157e+1
498.39	68.83930139	6.883930139e+1
498.4	68.840682624	6.8840682624e+1
498.41	68.842063858	6.8842063858e+1
498.42	68.843445091	6.8843445091e+1
498.43	68.844826325	6.8844826325e+1
498.44	68.846207558	6.8846207558e+1
498.45	68.847588792	6.8847588792e+1
498.46	68.848970026	6.8848970026e+1
498.47	68.850351259	6.8850351259e+1
498.48	68.851732493	6.8851732493e+1
498.49	68.853113726	6.8853113726e+1
498.5	68.85449496	6.885449496e+1
498.51	68.855876194	6.8855876194e+1
498.52	68.857257427	6.8857257427e+1
498.53	68.858638661	6.8858638661e+1
498.54	68.860019894	6.8860019894e+1
498.55	68.861401128	6.8861401128e+1
498.56	68.862782362	6.8862782362e+1
498.57	68.864163595	6.8864163595e+1
498.58	68.865544829	6.8865544829e+1
498.59	68.866926062	6.8866926062e+1
498.6	68.868307296	6.8868307296e+1
498.61	68.86968853	6.886968853e+1
498.62	68.871069763	6.8871069763e+1
498.63	68.872450997	6.8872450997e+1
498.64	68.87383223	6.887383223e+1
498.65	68.875213464	6.8875213464e+1
498.66	68.876594698	6.8876594698e+1
498.67	68.877975931	6.8877975931e+1
498.68	68.879357165	6.8879357165e+1
498.69	68.880738398	6.8880738398e+1
498.7	68.882119632	6.8882119632e+1

498.71	68.883500866	6.8883500866e+1
498.72	68.884882099	6.8884882099e+1
498.73	68.886263333	6.8886263333e+1
498.74	68.887644566	6.8887644566e+1
498.75	68.8890258	6.88890258e+1
498.76	68.890407034	6.8890407034e+1
498.77	68.891788267	6.8891788267e+1
498.78	68.893169501	6.8893169501e+1
498.79	68.894550734	6.8894550734e+1
498.8	68.895931968	6.8895931968e+1
498.81	68.897313202	6.8897313202e+1
498.82	68.898694435	6.8898694435e+1
498.83	68.900075669	6.8900075669e+1
498.84	68.901456902	6.8901456902e+1
498.85	68.902838136	6.8902838136e+1
498.86	68.90421937	6.890421937e+1
498.87	68.905600603	6.8905600603e+1
498.88	68.906981837	6.8906981837e+1
498.89	68.90836307	6.890836307e+1
498.9	68.909744304	6.8909744304e+1
498.91	68.911125538	6.8911125538e+1
498.92	68.912506771	6.8912506771e+1
498.93	68.913888005	6.8913888005e+1
498.94	68.915269238	6.8915269238e+1
498.95	68.916650472	6.8916650472e+1
498.96	68.918031706	6.8918031706e+1
498.97	68.919412939	6.8919412939e+1
498.98	68.920794173	6.8920794173e+1
498.99	68.922175406	6.8922175406e+1
499	68.92355664	6.892355664e+1
499.01	68.924937874	6.8924937874e+1
499.02	68.926319107	6.8926319107e+1
499.03	68.927700341	6.8927700341e+1
499.04	68.929081574	6.8929081574e+1
499.05	68.930462808	6.8930462808e+1
499.06	68.931844042	6.8931844042e+1
499.07	68.933225275	6.8933225275e+1
499.08	68.934606509	6.8934606509e+1

499.09	68.935987742	6.8935987742e+1
499.1	68.937368976	6.8937368976e+1
499.11	68.93875021	6.893875021e+1
499.12	68.940131443	6.8940131443e+1
499.13	68.941512677	6.8941512677e+1
499.14	68.94289391	6.894289391e+1
499.15	68.944275144	6.8944275144e+1
499.16	68.945656378	6.8945656378e+1
499.17	68.947037611	6.8947037611e+1
499.18	68.948418845	6.8948418845e+1
499.19	68.949800078	6.8949800078e+1
499.2	68.951181312	6.8951181312e+1
499.21	68.952562546	6.8952562546e+1
499.22	68.953943779	6.8953943779e+1
499.23	68.955325013	6.8955325013e+1
499.24	68.956706246	6.8956706246e+1
499.25	68.95808748	6.895808748e+1
499.26	68.959468714	6.8959468714e+1
499.27	68.960849947	6.8960849947e+1
499.28	68.962231181	6.8962231181e+1
499.29	68.963612414	6.8963612414e+1
499.3	68.964993648	6.8964993648e+1
499.31	68.966374882	6.8966374882e+1
499.32	68.967756115	6.8967756115e+1
499.33	68.969137349	6.8969137349e+1
499.34	68.970518582	6.8970518582e+1
499.35	68.971899816	6.8971899816e+1
499.36	68.97328105	6.897328105e+1
499.37	68.974662283	6.8974662283e+1
499.38	68.976043517	6.8976043517e+1
499.39	68.97742475	6.897742475e+1
499.4	68.978805984	6.8978805984e+1
499.41	68.980187218	6.8980187218e+1
499.42	68.981568451	6.8981568451e+1
499.43	68.982949685	6.8982949685e+1
499.44	68.984330918	6.8984330918e+1
499.45	68.985712152	6.8985712152e+1
499.46	68.987093386	6.8987093386e+1

499.47	68.988474619	6.8988474619e+1
499.48	68.989855853	6.8989855853e+1
499.49	68.991237086	6.8991237086e+1
499.5	68.99261832	6.899261832e+1
499.51	68.993999554	6.8993999554e+1
499.52	68.995380787	6.8995380787e+1
499.53	68.996762021	6.8996762021e+1
499.54	68.998143254	6.8998143254e+1
499.55	68.999524488	6.8999524488e+1
499.56	69.000905722	6.9000905722e+1
499.57	69.002286955	6.9002286955e+1
499.58	69.003668189	6.9003668189e+1
499.59	69.005049422	6.9005049422e+1
499.6	69.006430656	6.9006430656e+1
499.61	69.00781189	6.900781189e+1
499.62	69.009193123	6.9009193123e+1
499.63	69.010574357	6.9010574357e+1
499.64	69.01195559	6.901195559e+1
499.65	69.013336824	6.9013336824e+1
499.66	69.014718058	6.9014718058e+1
499.67	69.016099291	6.9016099291e+1
499.68	69.017480525	6.9017480525e+1
499.69	69.018861758	6.9018861758e+1
499.7	69.020242992	6.9020242992e+1
499.71	69.021624226	6.9021624226e+1
499.72	69.023005459	6.9023005459e+1
499.73	69.024386693	6.9024386693e+1
499.74	69.025767926	6.9025767926e+1
499.75	69.02714916	6.902714916e+1
499.76	69.028530394	6.9028530394e+1
499.77	69.029911627	6.9029911627e+1
499.78	69.031292861	6.9031292861e+1
499.79	69.032674094	6.9032674094e+1
499.8	69.034055328	6.9034055328e+1
499.81	69.035436562	6.9035436562e+1
499.82	69.036817795	6.9036817795e+1
499.83	69.038199029	6.9038199029e+1
499.84	69.039580262	6.9039580262e+1

499.85	69.040961496	6.9040961496e+1
499.86	69.04234273	6.904234273e+1
499.87	69.043723963	6.9043723963e+1
499.88	69.045105197	6.9045105197e+1
499.89	69.04648643	6.904648643e+1
499.9	69.047867664	6.9047867664e+1
499.91	69.049248898	6.9049248898e+1
499.92	69.050630131	6.9050630131e+1
499.93	69.052011365	6.9052011365e+1
499.94	69.053392598	6.9053392598e+1
499.95	69.054773832	6.9054773832e+1
499.96	69.056155066	6.9056155066e+1
499.97	69.057536299	6.9057536299e+1
499.98	69.058917533	6.9058917533e+1
499.99	69.060298766	6.9060298766e+1
500	69.06168	6.906168e+1