

<u>FREQUENCY</u>	<u>MAX. CORRELATED GAINS [dBi]</u>
5925 MHz	8.8
6525 MHz	8.6
7125 MHz	8.4

Frequency	Phi	Theta	X3 Gain Data	X4 Gain Data	X7 Gain Data	X10 Gain Data	Calculation Breakout				
5925000000	0	-3.141592654	-17.255756	-20.41820011	-22.12442615	-18.28340326	0.1371552	0.0952994	0.0783031	0.1218512	-13.298693
5925000000	0	-3.089232776	-18.49848648	-15.40249478	-20.31206061	-23.87536614	0.1188709	0.1697756	0.096471	0.0640076	-12.973252
5925000000	0	-3.036872899	-17.66004305	-13.15462457	-18.08720568	-22.3937979	0.1309175	0.219922	0.1246349	0.0759119	-11.191478
5925000000	0	-2.984513021	-19.94563395	-11.00545309	-16.94535897	-15.40020236	0.1006279	0.2816614	0.1421452	0.1698204	-9.19022135
5925000000	0	-2.932153143	-20.81705214	-8.53694912	-16.7672893	-12.87913151	0.0910222	0.3741237	0.1450893	0.2270092	-7.5635541
5925000000	0	-2.879793266	-14.14132324	-7.535089805	-16.30205677	-12.76967828	0.1963061	0.1530725	0.229879	0.60270051	-6.0270051
5925000000	0	-2.827433388	-10.81508816	-8.997547183	-15.72178018	-13.13996784	0.2879026	0.3549136	0.1636481	0.2202935	-5.7912399
5925000000	0	-2.775073511	-9.815478283	-12.53431306	-16.50960867	-11.01473255	0.3230175	0.2362024	0.1494581	0.2813607	-6.1075561
5925000000	0	-2.722713633	-10.15257863	-11.01282587	-18.27749933	-8.661992821	0.3107213	0.2814224	0.1219341	0.368893	-5.3286562
5925000000	0	-2.670353756	-11.45187948	-7.786943398	-17.1335455	-8.336167425	0.2675507	0.4079931	0.1390986	0.3829937	-4.4541026
5925000000	0	-2.617993878	-13.69879887	-6.981736563	-14.28551408	-9.700170842	0.2065666	0.4476238	0.1930742	0.3273343	-4.6228084
5925000000	0	-2.565634	-16.61567895	-7.860769478	-12.63707268	-9.104849428	0.1476441	0.4045401	0.2334245	0.3505561	-4.9117741
5925000000	0	-2.513274123	-18.15934225	-8.685675996	-12.61974595	-6.482561002	0.1236041	0.3678885	0.2338906	0.4741022	-4.4407011
5925000000	0	-2.460914245	-15.66703022	-8.276370212	-14.60421566	-5.420050297	0.1646829	0.3856395	0.1861184	0.5357936	-3.929258
5925000000	0	-2.408554368	-12.83005487	-8.019443295	-19.4783261	-6.770878358	0.2282955	0.397217	0.10619	0.4586233	-4.5072834
5925000000	0	-2.35619449	-11.46761866	-8.845074466	-21.4612974	-11.58808638	0.2670663	0.3611988	0.0845153	0.2633878	-6.2301073
5925000000	0	-2.303834613	-11.30874099	-9.964246795	-15.66944611	-19.25381379	0.2719963	0.3175321	0.1646371	0.1089706	-7.2990145
5925000000	0	-2.251474735	-11.27374285	-9.42204521	-12.35595908	-11.09087655	0.2730944	0.3379852	0.2411017	0.2789490	-4.9506852
5925000000	0	-2.199114858	-9.995840964	-7.814291531	-10.53887667	-7.225335275	0.3163792	0.4067105	0.297205	0.4352444	-2.7601216
5925000000	0	-2.14675498	-7.826305821	-6.597378938	-9.729412961	-5.552355646	0.4061484	0.4678763	0.3262341	0.5276941	-1.2699622
5925000000	0	-2.094395102	-5.774881092	-5.814020157	-10.19248001	-4.657923603	0.5143467	0.5120342	0.3092972	0.5849299	-0.3518252
5925000000	0	-2.042035225	-4.135068338	-5.19949654	-11.85578341	-3.969795991	0.6212217	0.5495727	0.2553941	0.6311768	0.2456281
5925000000	0	-1.989675347	-2.881285692	-4.836011316	-11.91691043	-3.494157359	0.7176881	0.5730591	0.2536031	0.6687936	0.879593
5925000000	0	-1.93731547	-1.956783895	-5.018602121	-9.000568942	-3.18732158	0.7982902	0.5611383	0.3547901	0.6928415	1.6091391
5925000000	0	-1.884955592	-1.373166614	-5.902583592	-6.56981085	-2.948655673	0.8537715	0.5068399	0.4693637	0.712143	2.0833146
5925000000	0	-1.825955715	-1.169867421	-7.02926479	-5.293318177	-2.549982342	0.8739903	0.4451811	0.5436684	0.8515914	2.360988
5925000000	0	-1.780235837	-1.302218487	-7.187971229	-4.62199631	-2.009003284	0.8607739	0.4371208	0.5873543	0.7935053	2.5380577
5925000000	0	-1.72787596	-1.659131407	-6.40595497	-4.012679843	-1.607320967	0.8261206	0.4783021	0.6300369	0.831063	2.8149442
5925000000	0	-1.675516082	-2.228233983	-5.825010404	-3.453127795	-1.575300444	0.773728	0.5113868	0.6719603	0.8341324	2.8952432
5925000000	0	-1.623156204	-3.224301515	-5.670390641	-3.170820923	-1.869647128	0.6898981	0.5207516	0.694159	0.806339	2.6418867
5925000000	0	-1.50796327	-5.016088015	-5.417522411	-3.017225366	-1.954687087	0.5613007	0.5359495	0.7065342	0.7984829	2.2864685
5925000000	0	-1.518436449	-7.693967406	-4.56453758	-2.412643178	-1.077379222	0.4123838	0.5912527	0.7574742	0.8833464	2.4261306
5925000000	0	-1.466076572	-9.433696066	-3.302620501	-1.221496712	0.471639514	0.3375322	0.6837053	0.8688107	1.0558008	3.3636098
5925000000	0	-1.413716694	-7.854258099	-2.212287956	-0.088180315	1.773487259	0.4048434	0.7751497	0.9898992	1.2265192	4.5998065
5925000000	0	-1.361356817	-5.49848149	-1.607187723	0.547304594	2.343998909	0.5309773	0.8310758	1.0650383	1.3235792	5.4615785
5925000000	0	-1.308996939	-3.521500227	-1.397719591	0.80011034	2.57320659	0.6666916	0.8513615	1.0964921	1.3448081	5.9318854
5925000000	0	-1.256637061	-1.758031856	-1.234712002	1.082158834	2.538440733	0.8167674	0.8674898	1.1326819	1.3394362	6.3536953
5925000000	0	-1.204277184	-0.268648259	-0.845414972	1.605458674	2.54016759	0.9695441	0.9072548	1.2030202	1.3397705	6.8869054
5925000000	0	-1.151917306	0.660563349	-0.345618765	2.086310456	2.376542754	1.0790167	0.9609904	1.2714975	1.3147014	7.2838996
5925000000	0	-1.099557429	0.821162351	-0.052784829	2.142817284	1.755774414	1.0991529	0.9939414	1.2797963	1.2240206	7.2287224
5925000000	0	-1.047197551	0.214197857	-0.112832592	1.721977727	0.929751574	1.024967	0.9870937	1.2192671	1.1129806	6.738713
5925000000	0	-0.994837674	-0.841271103	-0.414064719	1.15400297	0.864913147	0.9076877	0.9534472	1.1420895	1.1047033	6.2518559
5925000000	0	-0.942477796	-1.693685392	-0.768636596	0.839865542	1.63427847	0.8228406	0.9153099	1.1015223	1.2070185	6.1214016
5925000000	0	-0.890117919	-1.948017407	-1.312584137	0.703992526	2.109715757	0.7990963	0.8777499	1.0844253	1.2749324	6.0988534
5925000000	0	-0.837758041	-1.905374774	-1.574253591	0.278641199	1.736679106	0.8030291	0.8342329	1.0325999	1.2213326	5.7810588
5925000000	0	-0.785398163	-1.940424574	-2.048814055	-0.654817575	0.86598623	0.7997952	0.7898767	0.927383	1.1048398	5.1581163
5925000000	0	-0.733038286	-2.221052563	-2.32951063	-1.669976133	0.456775147	0.774368	0.7647588	0.8250898	1.0539955	4.6553799
5925000000	0	-0.680678408	-2.88020433	-2.364180398	-2.040403538	0.687330055	0.7177774	0.7617123	0.7906419	1.082349	4.4867203
5925000000	0	-0.628318531	-3.986542783	-2.514401636	-1.964619728	0.968877377	0.6319357	0.7486519	0.7975704	1.0837868	4.2489321
5925000000	0	-0.575958653	-5.264034723	-3.160726619	-2.273480521	0.14228865	0.5455044	0.6949662	0.7697078	1.0165165	3.5987734
5925000000	0	-0.523598776	-6.015777747	-4.438783357	-3.282498962	-0.554125478	0.5002777	0.5998751	0.685291	0.9381963	2.6823945
5925000000	0	-0.471238898	-6.040368066	-6.340937187	-4.439478304	-0.936466881	0.4988633	0.4818958	0.5998271	0.8977937	1.8627577
5925000000	0	-0.41887902	-5.978067457	-8.769173629	-4.757011198	-1.264121292	0.5025445	0.3643689	0.578295	0.8645576	1.2504209
5925000000	0	-0.366519143	-6.240524574	-11.24257665	-4.472680742	-1.956007863	0.487499	0.2740071	0.5975386	0.7983615	0.6583167
5925000000	0	-0.314159265	-6.711409707	-12.90054314	-6.439685053	-3.00972203	0.461774	0.2264053	0.5861594	0.7071538	-0.0805537
5925000000	0	-0.261799388	-7.05504167	-13.76552103	-5.839537574	-4.201145464	0.4438619	0.2049859	0.5105322	0.6165137	-1.0322606
5925000000	0	-0.209439531	-7.093035272	-14.221342	-8.122972975	-5.555457403	0.4419247	0.194506	0.3925106	0.5275057	-2.177914
5925000000	0	-0.157079663	-6.945937943	-14.27276273	-10.86239903	-7.374073451	0.4494725	0.193379	0.2863387	0.4378547	-3.3688508
5925000000	0	-0.104719755	-6.820104476	-14.79262056	-12.57720179	-9.40592779	0.4560314	0.1821248	0.235039	0.338613	-4.3519225
5925000000	0	-0.052359878	-6.804406126	-15.61624059	-12.26911924	-9.883040256	0.4568564	0.1656487	0.2435253	0.3205147	-4.5349152
5925000000	0	-4.44E-16	-6.963298895	-12.77767636	-11.03294068	-8.622648442	0.448575	0.2296763	0.2807715	0.3705677	-3.5462421
5925000000	0	0.052359878	-7.588320546	-8.633096542	-10.14997466	-7.452912146	0.4714303	0.3701222	0.3108145	0.4239888	-2.3702764
5925000000	0	0.104719755	-9.2332129	-6.057338407	-9.996317624	-6.685735576	0.3454135	0.4977896	0.3163619	0.4143141	-1.8152677
5925000000	0	0.157079633	-12.57636459	-5.064740752	-10.12133234	-5.908652861	0.2350616	0.5581655	0.3118411	0.5604859	-1.875702
5925000000	0	0.20943951	-17.2713024	-5.142548407	-9.155019859	-4.929298732	0.1369099	0.5531878	0.3485371	0.5669373	-1.9080035
5925000000	0	0.261799388	-16.18140248	-5.120806905	-7.211865038	-3.892441942	0.1552136	0.5545742	0.43592	0.6388191	-0.990138
5925000000	0	0.314519265	-12.25159087	-4.027407406	-5.562092682	-3.055455785	0.2440172	0.6289696	0.5271029	0.7034402	0.4983737
5925000000	0	0.366519143	-9.038466215	-2.798663039	-4.409762078	-2.540163768	0.3532455	0.7245475	0.6018827	0.7464347	1.6776115
5925000000	0	-0.1887902	-6.13785658	-2.395832547	-3.461563608	-2.176209287	0.4932955	0.7589416	0.671308	0.7783762	6.218284
5925000000	0	0.471238898	-3.687219777	-2.634611467	-2.579447522	-1.710576568	0.6540923	0.7383622	0.7430664	0.821242	3.3957299
5925000000	0	0.523598776	-1.989625575	-2.426655973	-1.890283762						

5925000000	0	2.722713633	-6.559137406	-10.16186406	-19.22966968	-7.424193728	0.4699408	0.3103893	0.1092739	0.425393	-3.6421046
5925000000	0	2.775073511	-7.329966299	-11.56386853	-17.7918373	-7.180149388	0.4300329	0.2641232	0.1289461	0.4375146	-4.0089383
5925000000	0	2.827433388	-8.368757041	-14.42799052	-16.08773687	-7.484734461	0.3815594	0.1899933	0.1568965	0.4224383	-4.8003978
5925000000	0	2.879793266	-8.463861616	-13.72942955	-15.61668673	-7.789208188	0.3774004	0.2058394	0.1656402	0.4078867	-4.7556544
5925000000	0	2.932153143	-8.752274926	-11.88617484	-16.17820732	-9.077102762	0.3650785	0.254502	0.1552707	0.3516777	-4.9857524
5925000000	0	2.984513021	-10.21071551	-12.2565302	-16.98102527	-12.20918014	0.3086485	0.2438785	0.1415627	0.2452116	-6.5645016
5925000000	0	3.036872899	-12.18844916	-15.04279304	-18.36643537	-16.37890858	0.2457975	0.176954	0.1206919	0.5117241	-9.1788106
5925000000	0	3.089232776	-14.29598117	-20.90104629	-20.82056075	-17.46005391	0.1928417	0.0901463	0.0909855	0.1339668	-11.904348
5925000000	0	3.141592654	-17.255756	-20.41820011	-22.12442615	-18.28340326	0.1371552	0.0952994	0.0783031	0.1218512	-13.298693
5925000000	0.052359878	-3.141592654	-17.25575616	-20.4181997	-22.12442652	-18.28340335	0.1371552	0.0952994	0.078303	0.1218512	-13.298693
5925000000	0.052359878	-3.089232776	-18.47959586	-15.3692905	-20.44208994	-24.06138572	0.1191297	0.1704259	0.0950376	0.0626514	-13.009698
5925000000	0.052359878	-3.036872899	-17.24700908	-13.08691048	-18.32132936	-22.88437859	0.1372934	0.2216432	0.1213203	0.0717433	-11.181816
5925000000	0.052359878	-2.984513021	-19.37461546	-10.61951638	-17.32588996	-15.18896171	0.1074655	0.2944586	0.1360522	0.1740011	-8.9712764
5925000000	0.052359878	-2.932153143	-22.93571855	-8.099186739	-17.04476937	-12.56335486	0.0713204	0.3935869	0.1405276	0.235414	-7.5262404
5925000000	0.052359878	-2.879793266	-15.4599678	-7.409038277	-16.04397474	-12.81397808	0.1686559	0.4261359	0.157689	0.2287184	-6.1854568
5925000000	0.052359878	-2.827433388	-11.71389611	-9.59026632	-15.10150603	-13.95404303	0.2596003	0.3314772	0.1757619	0.2005847	-6.3082618
5925000000	0.052359878	-2.775073511	-10.74095495	-14.23692874	-15.83760374	-11.30651306	0.2903703	0.1941572	0.1614804	0.272066	-6.763046
5925000000	0.052359878	-2.722713633	-11.54464429	-11.11797321	-18.45323458	-8.370180276	0.2647084	0.2780362	0.1194981	0.3814969	-5.6488086
5925000000	0.052359878	-2.670353756	-13.81834368	-7.763221979	-19.51129463	-7.678385134	0.2037431	0.4091089	0.1058777	0.4311243	-9.454827
5925000000	0.052359878	-2.617993878	-16.94180454	-7.182163503	-16.48698683	-8.415598096	0.1422033	0.4741131	0.1498479	0.3795073	-5.1221911
5925000000	0.052359878	-2.565634	-18.3796917	-7.994940569	-13.93234289	-7.713132308	0.1205079	0.3983391	0.2010865	0.4114749	-4.9482119
5925000000	0.052359878	-2.513274123	-17.83779759	-8.331262703	-13.03056266	-5.776579138	0.1282656	0.38321	0.2230858	0.5142461	-4.0968938
5925000000	0.052359878	-2.460914245	-16.68460951	-7.75363747	-14.09768098	-5.140319887	0.146477	0.4095066	0.1972949	0.5532329	-3.697337
5925000000	0.052359878	-2.408554368	-15.48070688	-7.623266215	-17.865765	-6.598564168	0.1682537	0.4157542	0.1278532	0.4678125	-4.5853622
5925000000	0.052359878	-2.35619449	-14.89835051	-8.523770057	-22.38842374	-10.93023623	0.1799213	0.3748103	0.0759589	0.2841111	-6.594602
5925000000	0.052359878	-2.303834613	-14.43197528	-9.642555701	-17.00115552	-19.50851231	0.1898459	0.3295127	0.141235	0.1058216	-8.3313174
5925000000	0.052359878	-2.251474735	-13.20043654	-9.030663448	-12.97421968	-14.23943695	0.2187652	0.353563	0.2245376	0.1941012	-6.0994138
5925000000	0.052359878	-2.199114858	-11.09335743	-7.291770993	-10.67036076	-9.718969782	0.2788253	0.4319281	0.2927399	0.3262666	-3.5427844
5925000000	0.052359878	-2.14675498	-8.54570756	-6.046949492	-9.41286621	-7.670450569	0.3738648	0.4984855	0.3383426	0.4135019	-1.8078376
5925000000	0.052359878	-2.094395102	-6.110209792	-5.460129175	-9.354325664	-6.544106837	0.4948682	0.533327	0.3406306	0.4707547	-0.762242
5925000000	0.052359878	-2.042035225	-4.168163756	-5.219305654	-10.52387433	-5.727840937	0.6188591	0.5483208	0.2977188	0.5713398	-0.7807838
5925000000	0.052359878	-1.989675347	-2.880040679	-5.220195834	-11.43871131	-5.002492272	0.7177909	0.5482646	0.2679566	0.56218	0.40802818
5925000000	0.052359878	-1.93731547	-2.219405167	-5.66833668	-9.864322337	-4.284772742	0.7745148	0.5206947	0.3212062	0.6106064	-0.3939808
5925000000	0.052359878	-1.884955592	-2.01831807	-6.808895914	-7.578148589	-3.405161102	0.7926548	0.4566203	0.4179194	0.6756814	1.3743858
5925000000	0.052359878	-1.832595715	-2.040910075	-8.325184185	-5.948670497	-2.256965745	0.7905958	0.3834783	0.5041578	0.7711728	1.760611
5925000000	0.052359878	-1.780253837	-2.088194994	-8.815653513	-9.840494996	-1.055554372	0.7863036	0.3624243	0.575079	0.8855687	2.3103227
5925000000	0.052359878	-1.72787596	-2.119013918	-8.120014391	-3.877890313	-0.130452804	0.7835186	0.3926443	0.6398166	0.9085993	3.9258878
5925000000	0.052359878	-1.675516082	-2.301252669	-7.659571318	-2.727446525	0.360667345	0.7672508	0.4142021	0.6896483	1.0423975	2.2677345
5925000000	0.052359878	-1.623156204	-2.937720435	-6.737714065	-2.940526295	0.534157962	0.7130401	0.4150633	0.7128098	1.0634275	3.2403515
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5925000000	0.052359878	-1.518436449	-6.016522319	-6.160722252	-1.61972474	1.486695233	0.5002348	0.4919986	0.779653	1.1866831	3.4010358
5925000000	0.052359878	-1.466076572	-6.402619549	-4.647250714	-2.081455734	2.821200559	0.4784858	0.5856941	0.8829319	1.3214783	4.2664895
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5925000000	0.052359878	-1.256637061	-1.03198352	-2.626750594	1.073036443	1.985990629	1.011952	0.7393027	1.1314929	1.2568965	6.3180956
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5925000000	0.052359878	-0.733038286	-2.106043122	-2.738186912	-1.292265796	-0.354281898	0.7484695	0.7296098	0.8617608	0.9600324	4.4446177
5925000000	0.052359878	-0.680678408	-2.621081515	-2.801753133	-1.652993323	0.215508021	0.7395132	0.7242898	0.8267046	1.0251216	3.9079191
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5925000000	0.104719755	1.047197551	1.528728866	-1.011253879	1.505959096	0.027029451	1.1924397	0.8909697	1.893179	1.0031167	6.5980642
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5925000000	0.104719755	1.93731547	-2.684719602	-3.839900928	-6.486093222	-4.153104909	0.7341149	0.642695	0.4739094	0.6169933	1.8365388
5925000000	0.104719755	1.989675347	-3.231667624	-4.812245225	-8.679008651	-5.240883188	0.6893132	0.5742693	0.3674088	0.5469603	1.7418004
5925000000	0.104719755	2.042035225	-3.960847818	-6.025066415	-9.871808155	-6.386113551	0.6338078	0.499743	0.3202995	0.4793959	-0.2902267
5925000000	0.104719755	2.094395102	-4.17541804	-7.136714931	-9.833384825	-6.224201915	0.6183425	0.4397079	0.3223523	0.4884616	-0.5892565
5925000000	0.104719755	2.146754988	-3.673447676	-8.086043923	-10.84283173	-5.06167245	0.6551302	0.3941829	0.2869845	0.5583627	-0.4699729
5925000000	0.104719755	2.199114858	-3.357968714	-9.432986912	-13.09464876	-4.343306512	0.6793625	0.3375597	0.2214459	0.6065054	-0.7012681
5925000000	0.104719755	2.251474735	-3.849365911	-11.94338303	-12.97011304	-4.635412119	0.6419951	0.2528313	0.2246438	0.5864478	-1.3814369
5925000000	0.104719755	2.303834613	-5.039217966	-15.7058757	-11.89920441	-5.864379202	0.559808	0.163948	0.2757654	0.5090701	-2.4494133
5925000000	0.104719755	2.35619449	-6.370246142	-14.73248385	-10.85494716	-7.296779086	0.4802725	0.1833901	0.2865845	0.4316791	-3.2109034
5925000000	0.104719755	2.408554368	-7.349845054	-9.94241912	-11.9194855	-7.749822872	0.4290498	0.3183311	0.2535279	0.4097405	-3.0322189
5925000000	0.104719755	2.460914245	-7.527587094	-6.763207444	-13.44279565	-7.728608519	0.4203593	0.4590285	0.2127454	0.4107424	-2.4821392
5925000000	0.104719755	2.513274123	-6.836628492	-5.32713831	-14.93786414	-8.896100086	0.4551647	0.5415556	0.1791046	0.3590831	-2.2989524
5925000000	0.104719755	2.565634	-6.513388953	-5.457308438	-16.77471857	-12.12860924	0.4724225	0.5335002	0.1449653	0.2474968	-3.1080664
5925000000	0.104719755	2.617993878	-7.149741023	-6.51338465	-18.3460631	-13.40338674	0.439049	0.4724227	0.1209754	0.2137129	-4.1091245
5925000000	0.104719755	2.670353756	-7.374548869	-6.996705684	-18.64687698	-9.699746274	0.4278313	0.446853	0.1049175	0.3273503	-3.6954062
5925000000	0.104719755	2.722713633	-6.711257512	-7.008283234	-22.55008257	-7.55736998	0.4617821	0.4462578	0.0745583	0.4189204	-3.8682255
5925000000	0.104719755	2.775073511	-6.966349739	-8.092032964	-21.91803867	-7.037291215	0.4484175	0.3939112	0.0801859	0.44477	-3.3034218
5925000000	0.104719755	2.827433388	-8.202186129	-10.07885128	-17.81861397	-7.182893186	0.3889472	0.31337	0.1285491	0.4373764	-3.9565522
5925000000	0.104719755	2.879793266	-8.78508689	-10.84584348	-16.49345763	-7.744941139	0.3656576	0.286885	0.1497363	0.4099708	-4.3487583
5925000000	0.104719755	2.932153143	-9.051829401	-10.731711	-16.94619553	-9.306017404	0.3527025	0.2906795	0.1421315	0.3425304	-4.9740799
5925000000	0.104719755	2.984513021	-10.49167948	-11.66432534	-17.62147304	-12.41660943	0.2988244	0.2610861	0.1315002	0.239425	-6.6431396
5925000000	0.104719755	3.036872899	-12.36689921	-14.53418986	-16.36331779	-12.41660943	0.2407992	0.1876249	0.1168574	0.1519967	-9.1524784
5925000000	0.104719755	3.089232776	-14.19822914	-20.76226074	-20.74391745	-17.56084904	0.1950242	0.0915982	0.0917919	0.1324212	-11.854979
5925000000	0.104719755	3.141592654	-17.25575595	-20.41820024	-22.12442606	-18.283403	0.1371552	0.0952994	0.0783031	0.1218512	-13.988693
5925000000	0.157079633	-3.141592654	-17.25575585	-20.41819996	-22.12442611	-18.2834032	0.1371552	0.0952994	0.0783031	0.1218512	-13.988693
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5925000000	0.157079633	-2.984513021	-17.93149366	-9.784874087	-18.27849886	-15.08566388	0.1268894	0.3241577	0.12192	0.1760788	-8.5308348
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5925000000	0.157079633	-2.879793266	-19.73183363	-7.275711632	-15.59172517	-13.05108944	0.1031355	0.4327274	0.1661169	0.225592	-7.6202951
5925000000	0.157079633	-2.827433388	-13.93883356	-10.61614431	-14.25990157	-16.19359036	0.2009363	0.2945729	0.1936444	0.154996	-7.4922121
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5925000000	0.157079633	-2.670353756	-14.99721703	-7.273910248	-23.55635358	-9.065159785	0.1778849	0.4328172	0.0664022	0.352166	-5.7700483
5925000000	0.157079633	-2.617993878	-17.52193296	-6.514355192	-27.18914806	-9.648614806	0.1330158	0.4723699	0.043706	0.329283	-6.1204958
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5925000000	0.157079633	-2.513274123	-16.77466201	-6.238760678	-14.971584005	-24.17744494	0.1449662	0.4875981	0.1784107	0.435625	-4.1056573
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5925000000	0.157079633	-1.466076572	-3.084834171	-3.233169395	-0.963604959	1.869796666	0.701065	0.6891941	0.8949932	1.2401496	4.9236836
5925000000	0.157079633	-1.413716694	-0.549065453	-2.48115756	-1.751492999	1.820689554	0.938743	0.7515227	0.9752648	1.2332027	5.7978706
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5925000000	0.157079633	-1.204277178	-3.813382555	-3.554779071	1.474998918	-0.063424197	1.5512048	0.6641422	1.1850862	0.9927246	6.834936
5925000000	0.157079633	-1.151971306	-3.886083009	-2.83847812	1.889850139	0.231774985	1.5642427	0.7212338	1.2430612	1.0270433	7.1207785
5925000000	0.157079633	-1.099557429	-3.285785934	-2.045210947	1.785706464	0.372380587	1.4597863	0.7902044	1.2282459	1.0447955	7.0860731
5925000000	0.157079633	-1.047197551	-1.709683794	-1.338159476	0.380350314	0.372380587	1.2509572	0.8213265	1.1665624	1.0376602	6.6155953
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5925000000	0.157079633	-0.94247796									

5925000000	0.157079633	1.466076572	-1.3124599	-4.387454124	-0.644684306	-0.269582999	0.8597595	0.6034306	0.9284655	0.9694398	4.509017
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5925000000	0.157079633	2.042035225	-3.783100624	-5.699881642	-9.488780024	-4.8457366	0.6469116	0.5188071	0.3353984	0.5724179	0.3136276
5925000000	0.157079633	2.094395102	-4.231632155	-6.748166217	-9.352181293	-4.801694457	0.6143536	0.4598241	0.3407148	0.5753277	-0.0425779
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5925000000	0.157079633	3.141592654	-17.25575585	-20.41819996	-22.12442611	-18.2834032	0.1371552	0.0952994	0.0783031	0.1218512	-13.298693
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5925000000	0.20943951	-2.932153143	-25.47158855	-7.057963407	-17.80307693	-12.36718266	0.0532624	0.4437127	0.1287793	0.2407193	-7.2647703
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5925000000	0.20943951	-2.565634	-19.32028172	-5.489658559	-23.15633419	-11.2592121	0.1081399	0.5351169	0.0695318	0.2735517	-6.1718252
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5925000000	0.20943951	1.832595715	-3.45754488	-4.285650138	-9.62777971	-2.660196416	0.6716187	0.6105447	0.3300738	0.7361904	1.3949437
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5925000000	0.261799388	0.628318531	-3.500129139	1.167437943	-1.636714419	-2.269271795	0.668334	1.1438574	0.8282554	0.7700081	4.635832
5925000000	0.261799388	0.680678408	-2.790865811	1.852747042	-1.070409911	-2.419334427	0.7251982	1.2377626	0.8840554	0.7568909	5.1148719
5925000000	0.261799388	0.733038286	-1.715155803	2.267891795	-0.214388106	-1.767276838	0.8208082	1.2983584	0.9756198	0.8158985	5.8244588
5925000000	0.261799388	0.785398163	-0.866678816	2.513774553	-0.49182772	-0.729084675	0.9050364	1.3356379	1.0582576	0.9194874	6.4823949
5925000000	0.261799388	0.831758041	-0.478135775	2.368818716	0.743181979	0.155998233	0.9464403	1.3135328	1.0893291	0.811222	6.783908
5925000000	0.261799388	0.890117919	-0.465680602	1.681404381	0.652846225	0.807631725	0.9477984	1.2135851	1.0780585	1.097442	6.7229561
5925000000	0.261799388	0.942477796	-0.583434487	0.802487622	0.670492089	1.323728077	0.9350359	1.0697923	1.0802508	1.1646258	6.6015855
5925000000	0.261799388	0.994837674	-0.649765183	0.579547952	1.103716301	1.676943137	0.9279226	1.0689992	1.1354965	1.2129619	6.7399558
5925000000	0.261799388	1.047197551	-0.7083444	1.161841664	1.966790108	1.725409703	0.9216856	1.1431207	1.2157366	1.219749	7.0442138
5925000000	0.261799388	1.099557429	-0.772305032	1.732703068	1.69047155	1.41976756	0.9149234	1.2207737	1.2532092	1.177545	7.1710327
5925000000	0.261799388	1.151917306	-0.569155667	1.755195255	1.702454715	0.968041105	0.9365743	1.223939	1.2165598	1.1178977	7.0338793
5925000000	0.261799388	1.204277184	0.140152026	1.172078392	1.18383766	0.787952705	1.0162665	1.1444687	1.1460192	1.0949584	6.8518341
5925000000	0.261799388	1.256637061	1.117628094	0.146560593	0.895487901	1.037600431	1.1373167	1.0170166	1.1085988	1.1268861	6.8283306
5925000000	0.261799388	1.308996939	1.861157233	-1.150882665	0.974219665	1.345660534	1.2389616	0.8759027	1.1186932	1.1675703	6.8506796
5925000000	0.261799388	1.361356817	2.041453103	-2.767215564	0.979539479	1.305015253	1.2649479	0.7271755	1.1193785	1.1621194	6.595321
5925000000	0.261799388	1.413716694	1.684533297	-5.009708563	0.431539288	0.840396185	1.2140223	0.5617131	1.0509377	1.1015896	5.8634105
5925000000	0.261799388	1.466076572	1.171843123	-0.827706827	-0.68431311	0.186676117	1.1444377	0.3968621	0.9242372	1.0217245	6.4290904
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5925000000	0.261799388	1.570796327	1.221357965	-9.500188342	-2.255953429	-0.387656092	1.1509803	0.3349582	0.7712627	0.9563507	4.1191065
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5925000000	0.261799388	2.513274123	-5.222201642	-8.002454235	-13.36514573	-6.812307675	0.548138	0.3979947	0.2146558	0.456441	-1.8451667
5925000000	0.261799388	2.565634	-5.535402036	-9.108702955	-16.29421702	-10.08886402	0.5287251	0.3504006	0.1532107	0.313009	-3.3361529
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5925000000	0.314159265	0.730382886	-1.132487072	2.43967213	-0.34717994	-2.031695273	0.8777597	1.3242915	0.9608177	0.791435	5.9208011
5925000000	0.314159265	0.785398163	-0.239112659	2.472743028	0.303903803	-1.114658773	0.9728466	1.3293433	1.0356075	0.8795632	6.4802149
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5925000000	0.314159265	1.989675347	-1.537775684	-8.298917124	-9.087972546	-1.679792712	0.8737438	0.3846397	0.3512379	0.8216178	1.5755839
5925000000	0.314159265	2.042035325	-2.053714471	-8.294766434	-9.900897055	-2.900897055	0.7894312	0.3848236	0.331481	0.7604518	0.9134899
5925000000	0.314159265	2.094395102	-2.174473848	-8.650791793	-9.49326685	-3.682532602	0.7785317	0.369369	0.3352252	0.6544453	0.5778119
5925000000	0.314159265	2.14675498	-2.06820902	-9.405395649	-10.39169765	-3.22096691	0.7881149	0.3386337	0.3033298	0.690163	0.5071065
5925000000	0.314159265	2.199114858	-2.263198274	-9.777900596	-13.17206011	-2.503680227	0.7706197	0.324418	0.219481	0.7495765	0.2739948
5925000000	0.314159265	2.251474735	-3.002903102	-9.606140839	-16.8281888	-2.391392805	0.7077092	0.3308971	0.1440756	0.7593297	-0.255635
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5925000000	0.314159265	2.408543668	-4.808330776	-10.41736381	-11.5770183	-3.539876963	0.5748883	0.3013921	0.2637237	0.6652826	-0.9889768
5925000000	0.314159265	2.460914245	-4.693374235	-8.498262618	-11.77036021	-4.656078751	0.5825474	0.3759126	0.2579182	0.5805401	-0.9082407
5925000000	0.314159265	2.513274123	-4.63556496	-7.21635638	-13.7091175	-7.02169831	0.5864375	0.4356946	0.2063213	0.4455691	-1.5453737
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5925000000	0.314159265	2.617993878	-6.281267218	-11.92582731	-17.30397386	-10.32959316	0.4852177	0.2533428	0.1363959	0.3044531	-4.5873075
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5925000000	0.314159265	3.089232776	-14.14873163	-20.45873836	-20.73951456	-17.71876714	0.1961388	0.0948556	0.0918384	0.1300354	-11.820485
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5925000000	0.471238898	0.785398163	0.366974809	2.413277824	0.384744562	-2.043362225	1.0431548	1.3202735	1.045291	0.7903726	6.4425076
5925000000	0.471238898	0.837758041	0.487946445	2.925427355	0.419249313	-2.198636072	1.0577848	1.4004621	1.0494517	0.776369	6.6165265
5925000000	0.471238898	0.890117919	0.106257523	2.714070303	0.054250425	-1.917656818	1.0123085	1.3667954	1.0062654	0.8018944	6.8180062
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5925000000	0.471238898	1.099557429	0.733126992	3.001338371	1.06747419	0.903748762	1.0880688	1.4127552	1.1307685	1.1096536	7.4972501
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5925000000	0.471238898	1.256637061	0.360792408	3.907461211	0.008556476	1.279004438	1.0424125	1.5860975	1.0009856	1.1586445	7.5500229
5925000000	0.471238898	1.308996399	0.375380112	4.165316756	0.01172874	1.28710657	1.0441647	1.615347	1.0012872	1.1597258	7.6412863
5925000000	0.471238898	1.361356817	0.055019064	3.97761916	0.0422691	1.006111089	1.0063544	1.5808147	1.0048783	1.1228081	7.4487678
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5925000000	0.471238898	1.832595715	-1.848316112	-6.057482003	-8.451715199	-2.061768854	0.8083216	0.4978814	0.3779325	0.7886995	1.8433029
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5925000000	0.628318531	-0.4721238898	-3.132554277	-18.04313075	-1.74328975	-4.753511282	0.6972239	0.125269	0.8181549	0.7585281	1.9032434
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5925000000	0.628318531	-0.366519143	-3.650016855	-14.57824357	-2.611251646	-7.689992302	0.6568998	0.1866757	0.7403506	0.4125726	-0.0152191
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5925000000	0.628318531	1.151917306	-1.647401183	4.242849795	1.31275132	1.081854508	0.827237	1.6298307	1.1631549	1.1326422	7.5185092
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5925000000	0.733038286	-3.089232776	-19.11781675	-14.96690599	-23.58635769	-19.89302747	0.1106902	0.1785068	0.0661732	0.1012392	-12.829704
5925000000	0.733038286	-3.036872899	-15.07218946	-11.06366623	-25.70513746	-20.42015844	0.1763561	0.27978	0.0518493	0.0952779	-10.410461
5925000000	0.733038286	-2.984513021	-13.73292576	-7.843116136	-24.74859949	-18.19261883	0.2057566	0.4053631	0.0578855	0.1231315	-8.0445977
5925000000	0.733038286	-2.932153143	-12.93723576	-6.629021624	-17.35105218	-15.38327116	0.2254957	0.4661749	0.1356586	0.1701518	-6.0425074
5925000000	0.733038286	-2.879793266	-12.00141351	-6.558616106	-13.16534295	-11.69486483	0.2511478	0.469969	0.2196508	0.2601697	-4.4301932
5925000000	0.733038286	-2.827433388	-12.55235706	-6.681124561	-11.28462782	-9.058329222	0.2357122	0.4633869	0.2727637	0.3524387	-3.5808622
5925000000	0.733038286	-2.775073511	-13.89687886	-7.778403813	-10.89501197	-8.247598376	0.2019092	0.4083944	0.2852656	0.386919	-3.8595322
5925000000	0.733038286	-2.722713633	-12.94326697	-9.701590021	-11.47519703	-8.544198921	0.2253391	0.3272808	0.2668334	0.3739298	-4.4850024
5925000000	0.733038286	-2.670357556	-10.19715995	-9.346952423	-12.48639564	-8.202272835	0.3091306	0.3409199	0.2375091	0.3286337	-3.9001634
5925000000	0.733038286	-2.617993878	-7.89466273	-7.732044965	-13.31346214	-6.863478528	0.4029646	0.41058	0.2159369	0.4537599	-2.5963637
5925000000	0.733038286	-2.565634	-7.146254866	-6.590644406	-13.7371647	-5.719528221	0.4392252	0.4682392	0.2056562	0.5176349	-1.7728226
5925000000	0.733038286	-2.513274123	-7.991831079	-5.925608934	-14.21773463	-5.175610468	0.3984818	0.5054981	0.1945868	0.5510861	-1.6727491
5925000000	0.733038286	-2.460914245	-6.27313055	-6.151535374	-15.02957305	-5.136364183	0.3857833	0.4925193	0.1772235	0.5535818	-1.8888965
5925000000	0.733038286	-2.408554368	-6.342116453	-7.120911203	-15.2033852	-5.405759904	0.4818304	0.4405086	0.1727759	0.5366758	-1.7673109
5925000000	0.733038286	-2.35619449	-4.581452276	-7.550508445	-14.16346964	-5.724720903	0.5901024	0.4192515	0.1958062	0.5173256	-1.2974875
5925000000	0.733038286	-2.308384613	-3.614350957	-7.369817448	-13.02213847	-5.968169583	0.6596027	0.4280644	0.2233022	0.5030273	-0.8478703
5925000000	0.733038286	-2.251474735	-3.012765201	-7.885669661	-12.26376662	-6.37158362	0.7069061	0.403382	0.2436754	0.6041985	-0.7518459
5925000000	0.733038286	-2.199114858	-2.763000238	-8.920537308	-11.25420027	-7.278705872	0.7275285	0.3580743	0.2737096	0.6325783	-0.9543701
5925000000	0.733038286	-2.14675498	-3.08398096	-8.920193737	-10.25677327	-8.649400966	0.7011339	0.3580808	0.3070163	0.4649811	-1.2312732
5925000000	0.733038286	-2.094395102	-3.689077197	-8.00061425	-10.12135206	-9.789496027	0.6539524	0.3981044	0.3118404	0.3239852	-1.4737563
5925000000	0.733038286	-2.042035225	-3.769383725	-7.021873252	-10.77800705	-10.02169517	0.6479341	0.4455601	0.2891343	0.3154389	-1.4215013
5925000000	0.733038286	-1.989675347	-3.317112185	-6.040133472	-10.76971165	-9.560674659	0.6825656	0.4988768	0.2894106	0.3326337	-0.898341
5925000000	0.733038286	-1.93731547	-3.135187065	-5.27529788	-9.427163619	-8.664648483	0.6970126	0.5447975	0.3377861	0.3687878	-0.2271084
5925000000	0.733038286	-1.880955592	-3.466848012	-4.896062675	-8.162824064	-7.35395501	0.6708997	0.5991109	0.3907138	0.4288466	-0.2493556
5925000000	0.733038286	-1.832595715	-3.807489328	-4.615215937	-7.476586456	-5.838918838	0.6450978	0.587813	0.4228348	0.5105685	0.6938286
5925000000	0.733038286	-1.780235837	-3.558711229	-3.97916722	-6.823779849	-4.378551489	0.6638415	0.6324275	0.4558385	0.6040489	1.4236483
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5925000000	0.733038286	-1.675516082	-2.376467728	-2.495586024	-5.349388163	-2.00561098	0.7606355	0.7502754	0.5401702	0.7942769	3.0621385
5925000000	0.733038286	-1.623156204	-2.143002346	-2.395451902	-5.175276564	-1.079850688	0.7813577	0.7589749	0.5511073	0.8830951	3.4477816
5925000000	0.733038286	-1.570796327	-1.910760603	-2.532823085	-4.908084196	-0.279109999	0.8025313	0.7470658	0.5683237	0.9683771	3.6781697
5925000000	0.733038286	-1.518436449	-1.287722068	-2.527746594	-3.780692321	0.441826056	0.8622117	0.7475025	0.647091	1.0521381	4.3733047
5925000000	0.733038286	-1.466076572	-0.328013784	-2.278268069	-2.159677301	1.087051429	0.9629402	0.7692808	0.7798591	1.13332	5.2143113
5925000000	0.733038286	-1.413716694	0.491486156	-2.051225821	-0.967648385	1.602129039	1.058216	0.7896574	0.8945767	1.2025592	5.9003605
5925000000	0.733038286	-1.361356817	0.849188878	-2.18549617	-0.475841281	1.896097319	1.1027053	0.7775444	0.9466093	1.2439556	6.1731992
5925000000	0.733038286	-1.308996939	0.901129876	-2.763282039	-0.361948717	1.928550023	1.1093191	0.7275049	0.9591854	1.248612	6.1169575
5925000000	0.733038286	-1.2566637061	1.169303225	-3.51010651	-0.094198212	1.779370866	1.1441031	0.6675667	0.9892136	1.2273503	6.0816934
5925000000	0.733038286	-1.204277184	1.796546501	-3.896572963	0.498835841	1.631535413	1.2297797	0.6385154	1.0591118	1.2066374	6.0690244
5925000000	0.733038286	-1.151917306	2.144566229	-3.692963078	1.029176137	1.628864253	1.2903955	0.6536599	1.1257937	1.2062664	6.6003885
5925000000	0.733038286	-1.099557429	1.928546828	-3.41433879	1.692700806	1.6749678	1.2486115	0.6749678	1.1339866	1.2151644	6.5930809
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5925000000	0.733038286	-0.994837674	0.832629187	-4.233375557	0.146318223	1.062943589	1.1006049	0.6142303	1.0169882	1.1301789	5.7156506
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5925000000	0.733038286	-0.785398163	-1.344316279	-4.688107367	-0.5730045	-1.882881819	0.8566121	0.5829008	0.9361593	1.0503181	4.0300822
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5925000000	0.733038286	-0.628318531	0.678923745	-6.167079394	-0.631564983	-3.387577792	1.0813	0.4916387	0.929869	0.6770506	4.0275551
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5925000000	0.733038286	-0.523598776	-2.289625314	-15.64237258	-0.856745565	-5.345600969	0.7682786	0.1651511	0.906072	0.5404057	1.5106013
5925000000	0.733038286	-0.471238898	-3.130025319	-21.45948466	-1.550243448	-6.091103209	0.697427	0.0845329	0.8365421	0.4959579	0.4833893
5925000000	0.733038286	-0.41887902	-2.781681144	-16.37946456	-2.17518049	-6.314347631	0.7259654	0.1517144	0.7784683	0.4833733	0.5853728
5925000000	0.733038286	-0.366519143	-3.368497268	-14.13285705	-2.609976434	-6.205456071	0.6785395	0.1964976	0.7404593	0.4894713	0.4404304
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5925000000	0.733038286	-0.20943951	-6.067144615	-18.93742805	-6.533747315	-8.453294346	0.4973278	0.1130311	0.4713165	0.3778638	-2.7363919
5925000000	0.733038286	-0.157079633	-5.369015773	-15.20325788	-9.298832416	-11.25878052	0.5389509	0.1737149	0.3428139	0.2735653	-3.5980604
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5925000000	0.733038286	-0.052359878	-6.683149978	-17.37463576	-11.96050571	-11.85539598	0.4632789	0.1352908	0.2523334	0.2554055	-5.1430748
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5925000000	0.785398163	-3.141592654	-17.25575608	-20.41819988	-22.12442636	-18.28340347	0.1371552	0.0952994	0.0783031	0.1218512	-13.298693
5925000000	0.785398163	-3.089232776	-19.30535178	-14.95941479	-23.90712942	-19.43816517	0.1083259	0.1786608	0.063774	0.1068821	-12.813863
5925000000	0.785398163	-3.036872899	-15.2192807	-11.01711343	-26.56506328	-19.38728497	0.1733948	0.2812835	0.046962	0.1073089	-10.328978
5925000000	0.785398163	-2.984513021	-13.89895541	-7.868279	-25.62331632	-17.60899712	0.2018609	0.4041905	0.0523401	0.1316892	-8.0671718
5925000000	0.785398163	-2.932153143	-13.24255545	-6.702575542	-17.8976504	-15.08455208	0.2177069	0.4622439	0.1273848	0.1761053	-6.1656346
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5925000000	0.785398163	-2.617993878	-6.803619674	-8.051433941	-13.37455056	-6.354807908	0.4568977	0.3957567	0.2144235	0.4811269	-2.2240313
5925000000	0.785398163	-2.565634	-5.718540153	-6.815968639	-13.34436919	-5.244530161	0.5176938	0.4562486	0.21517	0.5467307	-1.2303902
5925000000	0.785398163	-2.513274123	-5.864127182	-5.832700257	-13.88147327	-4.77717587	0.5090889	0.5109342	0.2022676	0.576954	-0.918795
5925000000	0.785398163	-2.460914245	-6.139412507	-5.838237554	-15.46057703	-4.925228576	0.4932072	0.5106086	0.1686441	0.5672031	-1.2112977
5925000000	0.785398163	-2.408554368	-5.525211139	-6.764869613	-16.6489395	-5.520205828	0.5293458	0.4589406	0.1470798	0.5296509	-1.592296
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5925000000	0.785398163	-1.832595715	-3.521202387	-4.997035613	-7.983268203	-4.787380387	0.6667145	0.5625333	0.3988748	0.5762766	0.8452047
5925000000	0.785398163	-1.780235937	-2.805207723	-4.179406468	-7.116805267	-3.909985362	0.7240017	0.6180586	0.4407169	0.6375302	1.6568109
5925000000	0.785398163	-1.72787586	-1.847535564	-3.318484597	-6.096331173	-3.008320871	0.8083943	0.6824578	0.4956595	0.7072679	2.5866407
5925000000	0.785398163	-1.675516082	-1.208236631	-2.88521471	-5.397116521	-2.222472047	0.8701381	0.7173635	0.5372101	0.7742414	3.2242238
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5925000000	0.837758041	-0.471238898									

5925000000	0.837758041	1.93731547	-3.273562327	-3.811103841	-8.903617456	-3.681812621	0.6859965	0.6448294	0.3587725	0.6544996	1.378915
5925000000	0.837758041	1.989675347	-3.314064057	-5.299225728	-10.69801046	-4.606711657	0.6828052	0.5432988	0.2918065	0.5883888	0.4498015
5925000000	0.837758041	2.042035225	-3.459791798	-4.74970341	-11.32700383	-5.173992908	0.6714449	0.5787818	0.271425	0.5511888	0.3107175
5925000000	0.837758041	2.094395102	-3.776006147	-3.625354179	-10.69331638	-4.848173976	0.6474402	0.6587677	0.2919673	0.5725272	0.7103256
5925000000	0.837758041	2.146754988	-4.173793561	-3.275863737	-10.27710399	-4.1070445	0.6184582	0.6858147	0.3062985	0.6232292	0.9602878
5925000000	0.837758041	2.199114858	-4.430670349	-3.947911466	-10.39893564	-3.813337776	0.6004357	0.6347525	0.3020322	0.6446635	0.7560328
5925000000	0.837758041	2.251477475	-4.717731182	-4.980191418	-11.07632238	-4.439206698	0.5809161	0.5636252	0.2793726	0.5998459	0.1025797
5925000000	0.837758041	2.303834613	-5.429658908	-4.451289297	-12.51355011	-6.16058146	0.5352012	0.599012	0.2367677	0.4920066	-0.6164011
5925000000	0.837758041	2.35619449	-6.54300506	-2.580315937	-13.76859534	-8.693797633	0.4708144	0.7429921	0.2049133	0.3675447	-0.9816845
5925000000	0.837758041	2.408554368	-7.610978245	-1.404750889	-12.80146289	-10.2728044	0.4163428	0.8506726	0.2290482	0.3064501	-0.9030282
5925000000	0.837758041	2.460914245	-7.980462933	-1.748883081	-11.13518741	-9.657228345	0.3990036	0.8176331	0.2774857	0.3289566	-0.80449
5925000000	0.837758041	2.513274123	-7.227111786	-4.173110032	-10.56307502	-8.773706513	0.4351554	0.6185068	0.2963782	0.3641788	-1.3392725
5925000000	0.837758041	2.565634	-6.536337503	-10.4964285	-11.68411285	-8.484302085	0.471176	0.298661	0.260492	0.3765173	-3.0556672
5925000000	0.837758041	2.617993878	-7.087317368	-14.43875825	-15.08445624	-8.581457045	0.4422157	0.1896977	0.1761072	0.3723292	-4.5803849
5925000000	0.837758041	2.670353756	-7.993744365	-7.013918122	-19.11270815	-8.69125094	0.398394	0.4459684	0.1107553	0.3676524	-3.5909121
5925000000	0.837758041	2.722713633	-7.390845741	-5.271646059	-17.55681949	-8.518094432	0.4270293	0.5450266	0.1324827	0.3750553	-2.6177494
5925000000	0.837758041	2.775073511	-6.887088961	-5.998676689	-17.01254247	-8.066684876	0.4525281	0.5012636	0.1410499	0.3950625	-2.5574337
5925000000	0.837758041	2.827433388	-7.598684683	-6.157331935	-17.73077749	-7.777090716	0.4169325	0.4921907	0.1298557	0.4084562	-2.8086178
5925000000	0.837758041	2.879793266	-8.625643183	-5.8079237	-16.5837614	-8.262353122	0.37044	0.5123937	0.1481876	0.3862623	-2.9914644
5925000000	0.837758041	2.932153143	-9.934041018	-7.03453964	-16.55379021	-9.978456597	0.3186383	0.4449109	0.1486998	0.3170131	-4.2777104
5925000000	0.837758041	2.984513021	-12.71814779	-9.519495181	-19.49585065	-13.07970067	0.2312558	0.3342145	0.105976	0.2218273	-7.0009107
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5925000000	0.837758041	3.089232776	-14.46513389	-20.05791667	-21.0509003	-18.18622432	0.1891225	0.0993354	0.0886043	0.1232222	-12.03626
5925000000	0.837758041	3.141592654	-17.25575623	-20.41819991	-22.12442638	-18.28340327	0.1371552	0.0952994	0.0783031	0.1218512	-13.298693
5925000000	0.890117919	3.141592654	-17.25575584	-20.41819982	-22.12442638	-18.28340324	0.1371552	0.0952994	0.0783031	0.1218512	-13.298693
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5925000000	0.890117919	3.036872899	-15.62743467	-10.99007436	-28.00565401	-17.60178091	0.1654353	0.2821605	0.0397848	0.13717986	-10.184271
5925000000	0.890117919	2.984513021	-14.41214832	-7.958100465	-27.41543267	-16.14598525	0.1902995	0.4000322	0.0425822	0.1558478	-8.0816831
5925000000	0.890117919	2.932153143	-14.21382952	-6.822521957	-19.64972394	-21.21007603	0.1946743	0.4559045	0.1041151	0.1947584	-6.4711369
5925000000	0.890117919	2.879793266	-13.59895571	-6.493430693	-15.68065183	-10.8821256	0.2089547	0.4735092	0.1644248	0.2856891	-4.9392379
5925000000	0.890117919	2.827433388	-12.82533185	-6.495200462	-13.95122926	-8.204565354	0.2284196	0.4734128	0.2006497	0.3888407	-3.7999034
5925000000	0.890117919	2.775073511	-10.74161168	-8.006598407	-13.59310788	-7.018128371	0.2903484	0.3978049	0.2090955	0.4457732	-3.4590732
5925000000	0.890117919	2.722713633	-8.989919865	-10.50558899	-14.00479884	-6.806654124	0.3589666	0.3983462	0.199416	0.4567253	-3.6522167
5925000000	0.890117919	2.670353756	-8.064166235	-10.03793985	-14.20924431	-6.594749262	0.395177	0.3148495	0.1947771	0.468018	-3.2683181
5925000000	0.890117919	2.617993878	-6.968213164	-8.68975949	-13.61043182	-6.032528735	0.4483213	0.3677156	0.2086788	0.4993138	-2.3607326
5925000000	0.890117919	2.565634	-5.447871783	-7.568296814	-13.1183146	-5.616341874	0.5340801	0.4183937	0.2208433	0.532881	-1.4262559
5925000000	0.890117919	2.513274123	-4.495428634	-6.20985195	-13.83950272	-5.717773342	0.5959757	0.4892236	0.2032473	0.5177395	-0.8853495
5925000000	0.890117919	2.460914245	-4.256537927	-5.724038257	-16.41641522	-6.318358546	0.6125945	0.5173662	0.1510704	0.4831501	-1.0897361
5925000000	0.890117919	2.408554368	-4.420511572	-6.131218975	-18.93399524	-7.032575367	0.6011383	0.4936726	0.1130577	0.4405115	-1.6557275
5925000000	0.890117919	2.35619449	-4.777388856	-5.869660545	-16.02880847	-7.196418696	0.5769399	0.5087647	0.1579645	0.4366959	-1.5125276
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5925000000	0.890117919	2.251474735	-4.832220373	-4.231128435	-12.87388884	-5.735159203	0.5733093	0.6143892	0.2271462	0.5167043	-0.3024853
5925000000	0.890117919	2.199114858	-4.61046664	-4.798773671	-12.98369506	-5.194635539	0.5881345	0.5755212	0.2242928	0.5498804	-0.2742915
5925000000	0.890117919	2.146754988	-5.043530157	-6.167136293	-12.23755004	-5.102226815	0.5595301	0.4916354	0.244412	0.5557618	-0.6078793
5925000000	0.890117919	2.094395102	-5.960311604	-7.564454854	-11.25901799	-5.351111037	0.5034825	0.4185788	0.2735578	0.5400653	-1.2311957
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5925000000	0.890117919	1.832595715	-3.433096116	-6.304118046	-9.133522609	-4.958294596	0.6735118	0.4839429	0.3494008	0.5650479	0.3067899
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5925000000	0.890117919	1.570796327	0.886407906	-4.958861453	-5.039546041	-0.905418613	1.1074405	0.565011	0.5597869	0.9010089	3.8992932
5925000000	0.890117919	1.518436449	1.481340563	-4.322219239	-4.337020127	-0.345512527	1.1859518	0.6077996	0.6069445	0.9561002	5.4110394
5925000000	0.890117919	1.466076572	2.426775071	-3.269872291	-2.963589421	0.217724323	1.3223267	0.686288	0.7109197	1.0253832	5.4482545
5925000000	0.890117919	1.413716694	3.288127015	-2.598385083	-1.720267851	0.584025513	1.4601798	0.7144881	0.8203262	1.0695505	6.217061
5925000000	0.890117919	1.361356817	3.784803029	-2.641476646	-1.029490387	0.587330406	1.5461092	0.7377788	0.8882301	1.0699575	6.5130648
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5925000000	0.890117919	1.151917306	4.699894327	-2.297780029	0.545594962	-0.419347138	1.7178875	0.7675576	1.0648287	0.9528678	7.0497122
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5925000000	0.890117919	1.047197551	2.103738145	-2.610431509	0.284921581	-0.551570794	1.2740513	0.7040205	1.0333468	0.9384732	5.9907797
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5925000000	0.890117919	2.042035222	-3.475942033	-3.69699185	-11.772397318	-4.985010383	0.6701976	0.6533568	0.2578577	0.5633126	0.6068315
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5925000000	0.890117919	2.513274123	-7.189766479	-4.496459686	-10.33721795	-6.466452621	0.4370304	0.595905	0.3041859	0.4749822	-0.8569396
5925000000	0.890117919	2.565634	-6.261617835	-10.91575779	-11.37825727	-6.475151683	0.4863166	0.2845851	0.2698281	0.4745068	-2.4109913
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5925000000	0.890117919	2.775073151	-7.301456356	-5.949650554	-16.53326641	-8.028427096	0.4314467	0.5041009	0.1490516	0.3968064	-3.60771201
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5925000000	0.890117919	2.879793266	-8.628996886	-5.160945308	-15.83827658	-8.54102731	0.370297	0.5520174	0.1614679	0.3740663	-2.7463515
5925000000	0.890117919	2.932153143	-9.982133424	-6.518273388	-15.64898704	-10.43124913	0.3168789	0.4721569	0.1650253	0.3009106	-0.40479207
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5925000000	0.890117919	3.141592654	-17.25575584	-20.41819982	-22.12442602	-18.28340324	0.1371552	0.0952994	0.0783031	0.1218512	-13.298693
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9925000000	0.9424777996	1.884955592	-5.418365712	-6.664347757	-10.08132938	-3.951712938	0.5358975	0.4624282	0.3132088	0.6344748	-0.2291067
9925000000	0.9424777996	1.832595715	-4.33231919	-7.687094058	-9.601911824	-3.315766448	0.6077231	0.4121703	0.3310582	0.6969663	0.2060327
9925000000	0.9424777996	1.780235837	-2.70012151	-6.724004813	-8.180673891	-2.395641036	0.7328143	0.4611049	0.3391571	0.7859854	1.7340646
9925000000	0.9424777996	1									

5925000000	0.994837674	0.680678408	-5.512756825	2.535834364	-0.767583611	0.539201161	0.5301053	1.3390344	0.9154209	1.0640452	5.6854685
5925000000	0.994837674	0.733038286	-5.769178544	2.544459115	0.322725376	0.668641951	0.5146845	1.3403646	1.03785	1.0822861	5.9665563
5925000000	0.994837674	0.785398163	-5.203290634	3.17043255	0.999287182	0.999287182	0.5493327	1.4405277	1.1401296	1.1219264	5.9551094
5925000000	0.994837674	0.837158041	-3.690214207	4.155680677	1.51616226	1.371129547	0.6538668	1.613556	1.1907158	1.1718081	7.2909198
5925000000	0.994837674	0.890117919	-2.20517729	4.51629501	1.651160545	1.712593867	0.7757846	1.6819565	1.2093668	1.2179507	7.7567954
5925000000	0.994837674	0.942477796	-1.006801111	3.946919924	1.908514569	1.943780172	0.8905534	1.5752373	1.2457352	1.2508303	7.8931114
5925000000	0.994837674	0.994837674	-0.058072773	2.945962477	2.412138865	2.059077102	0.9933364	1.403777	1.3201003	1.2675172	7.9322345
5925000000	0.994837674	1.047197551	0.411069418	2.450177188	2.883116775	2.07733779	1.0484639	1.3258942	1.3936568	1.2701847	8.0249074
5925000000	0.994837674	1.099557429	0.145761139	2.489828982	2.965863833	2.040114923	1.016923	1.3319608	1.4069971	1.2647531	7.9945712
5925000000	0.994837674	1.151917306	-0.738666948	2.408297134	2.56885653	2.005612941	0.9184735	1.3195166	1.3441348	1.2975392	7.6796521
5925000000	0.994837674	1.204277184	-1.629807535	2.288330918	1.947242653	2.007528661	0.8289143	1.3014172	1.251302	1.2600171	7.3128489
5925000000	0.994837674	1.256637061	-1.944938925	2.662291552	1.506859521	2.019270504	0.7993796	1.3586719	1.1894412	1.2617216	7.2519379
5925000000	0.994837674	1.308996939	-1.906653669	3.335295811	1.341930858	1.969791901	0.8029108	1.4681309	1.167069	1.2545547	7.407792
5925000000	0.994837674	1.361356817	-1.99940062	3.6728539	1.074647778	1.780413636	0.7943831	1.5263098	1.1317028	1.2274977	7.3841192
5925000000	0.994837674	1.413716694	-2.238334527	3.499084823	0.29693474	1.408720718	0.7728288	1.496078	1.0340337	1.1760778	7.0030566
5925000000	0.994837674	1.466076572	-2.254653909	3.151690611	-1.026445688	0.888124414	0.7713781	1.4374228	0.8885415	1.1076594	6.4547237
5925000000	0.994837674	1.518436449	-1.903390479	3.039614169	-2.304499475	0.304398617	0.8032125	1.4189945	0.7669641	1.0356665	6.0743673
5925000000	0.994837674	1.570796327	-1.551096667	3.110251145	-7.20632031	-0.304168331	0.83646	1.4305813	0.7185689	0.9655874	5.913975
5925000000	0.994837674	1.623156204	-1.617482204	2.983411765	-3.058209949	-1.002927347	0.8300914	1.4098425	0.7032172	0.8909506	5.6526726
5925000000	0.994837674	1.675516082	-2.179431712	2.388185676	-3.762284166	-1.857801578	0.7780875	1.3164649	0.6484639	0.8074394	4.9850178
5925000000	0.994837674	1.72787596	-2.885874903	1.262905917	-5.405606459	-2.766728229	0.717309	1.1564991	0.5366853	0.7272163	3.911655
5925000000	0.994837674	1.780235837	-3.225390096	-0.399901551	-7.352757167	-3.478485097	0.6898116	0.9550034	0.428906	0.6700015	2.7462037
5925000000	0.994837674	1.832595715	-3.111318663	-2.763006264	-3.915063612	-4.803951542	0.6989306	0.727528	0.3959436	0.6371575	1.7965474
5925000000	0.994837674	1.884955592	-2.942829438	-5.893732575	-7.98196431	-4.298450629	0.7126209	0.5073567	0.3989347	0.6096456	0.9398783
5925000000	0.994837674	1.93731547	-3.041646581	-7.463474729	-8.689823268	-4.818712864	0.7045595	0.4234735	0.3677129	0.5742015	0.2985864
5925000000	0.994837674	1.989675347	-3.354193485	-4.964406208	-10.48612895	-5.384041549	0.6796578	0.5646505	0.2990154	0.5380194	0.3462736
5925000000	0.994837674	2.042035225	-3.73566949	-2.35679003	-12.35041385	-6.674418505	0.6504539	0.7623607	0.2412567	0.5203302	0.726195
5925000000	0.994837674	2.094395102	-4.283243768	-1.017493227	-12.47531002	-5.551646099	0.6107139	0.8894578	0.2378124	0.5277372	1.0835297
5925000000	0.994837674	2.14675498	-5.07611636	-0.980765504	-11.48283573	-5.394256569	0.5574352	0.8932268	0.2665988	0.537387	1.0409744
5925000000	0.994837674	2.199114858	-5.934112603	-2.295921591	-10.63417128	-5.742901677	0.5005305	0.7677291	0.2939622	0.5162439	0.3528995
5925000000	0.994837674	2.251474735	-6.705087822	-4.588951939	-10.38169493	-6.827841458	0.4621103	0.5895931	0.3026326	0.4556254	-0.8672136
5925000000	0.994837674	2.303834613	-7.380456052	-5.112883501	-11.07493421	-8.01049386	0.4275404	0.5580803	0.2802872	0.3976265	-1.6156421
5925000000	0.994837674	2.35614949	-7.787348148	-3.238583464	-12.3875057	-7.604429606	0.4079741	0.6887646	0.2401942	0.4166658	-1.14204
5925000000	0.994837674	2.408554368	-7.871602395	-2.354896641	-12.68695646	-5.97901441	0.4040358	0.7625269	0.2320877	0.5023996	-0.4407289
5925000000	0.994837674	2.460914245	-7.585485096	-3.470956947	-11.32975052	-8.856662916	0.4175666	0.6705824	0.2713392	0.5716982	-0.3041161
5925000000	0.994837674	2.513274123	-6.517389444	-6.717070956	-10.52203831	-4.803951542	0.4722049	0.4614732	0.2977818	0.5751782	-0.8831768
5925000000	0.994837674	2.565634	-5.484285008	-10.22265643	-17.71091882	-5.838402024	0.5318458	0.3082245	0.2596893	0.5105899	-1.8821482
5925000000	0.994837674	2.617993878	-5.749944643	-8.389370902	-15.64506768	-7.720363243	0.5158255	0.3806549	0.1660998	0.4111325	-2.6582391
5925000000	0.994837674	2.670353756	-7.355106366	-6.325637011	-18.01067193	-9.39190991	0.42879	0.4827454	0.125738	0.3391559	-3.2454965
5925000000	0.994837674	2.722713633	-8.427097131	-6.263836795	-15.32826686	-9.351500292	0.3790052	0.4861924	0.1712327	0.3407415	-3.240838
5925000000	0.994837674	2.775073511	-8.10383492	-6.320735933	-15.44763344	-8.589725996	0.3933764	0.4830179	0.1688956	0.371975	-2.99158
5925000000	0.994837674	2.827433388	-8.146084926	-4.915397953	-16.32855766	-8.599907597	0.3914675	0.5678454	0.1526062	0.3715392	-2.5950931
5925000000	0.994837674	2.879793266	-8.800093771	-4.408473452	-17.54146073	-9.764633756	0.3630741	0.6019271	0.1868215	0.3249139	-2.6342712
5925000000	0.994837674	2.932153143	-10.16251877	-5.915902949	-14.34310764	-12.03515952	0.3103659	0.5060633	0.1917982	0.2051739	-4.024216
5925000000	0.994837674	2.984513021	-12.90076975	-8.784714759	-17.38603285	-15.11564338	0.2264444	0.3637176	0.1351134	0.175476	-6.9285016
5925000000	0.994837674	3.036872899	-14.80273667	-12.54545261	-21.44514711	-17.78076944	0.1819128	0.2358997	0.0846723	0.1291105	-10.011823
5925000000	0.994837674	3.089232776	-14.59429272	-20.14267236	-21.08545973	-18.36641898	0.1863311	0.0983708	0.0882525	0.1206922	-12.152277
5925000000	0.994837674	3.141592654	-17.25575559	-20.41819989	-22.12442622	-18.28340301	0.1371552	0.0952994	0.0783031	0.1218512	-13.298693
5925000000	0.994837674	3.141592654	-17.25575599	-20.41819984	-22.124426	-18.28340336	0.1371552	0.0952994	0.0783031	0.1218512	-13.298693
5925000000	0.994837674	3.089232776	-20.61706327	-15.05001095	-25.411279	-17.52560711	0.0931423	0.176807	0.0536335	0.1239596	-9.1283079
5925000000	0.994837674	3.036872899	-16.4613786	-11.10631287	-28.04146183	-15.56129517	0.1502903	0.2784097	0.0396211	0.1666999	-9.9648377
5925000000	0.994837674	2.984513021	-15.2820809	-8.170864847	-26.95194243	-14.06506108	0.1721456	0.3903523	0.0449162	0.1980373	-7.8998131
5925000000	0.994837674	2.932153143	-15.75448184	-6.961840849	-23.29726043	-12.91004875	0.1630331	0.4486503	0.068413	0.2262026	-6.8751696
5925000000	0.994837674	2.879793266	-14.10499546	-6.472041875	-21.14690397	-10.74681814	0.1971289	0.4746767	0.0876304	0.2901744	-5.6000378
5925000000	0.994837674	2.827433388	-10.92161679	-6.388179635	-19.57721396	-8.45491204	0.2843932	0.4792881	0.1028346	0.3777934	-4.1207263
5925000000	0.994837674	2.775073511	-8.340283445	-7.695326228	-17.98169578	-7.21240221	0.3828123	0.4123193	0.1261581	0.4453893	-3.3678337
5925000000	0.994837674	2.722713633	-7.495427842	-9.749692445	-16.0583939	-7.120328488	0.4219185	0.3254733	0.1555862	0.405382	-3.4557417
5925000000	0.994837674	2.670353756	-9.067373085	-9.473768809	-13.77570076	-7.822831826	0.3520719	0.333744	0.1824799	0.4063108	-3.8883752
5925000000	0.994837674	2.617993878	-12.98628358	-8.726389533	-14.96324767	-8.725146693	0.2242259	0.3661681	0.2003723	0.3662205	-4.4730317
5925000000	0.994837674	2.565634	-11.71804691	-8.936763641	-13.91245422	-8.99667015	0.2594763	0.357406	0.2015474	0.3549494	-4.6318327
5925000000	0.994837674	2.513274123	-7.768305329	-8.44295984	-15.03209067	-8.308715944	0.4088695	0.3783136	0.1771722	0.3842061	-4.3231856
5925000000	0.994837674	2.460914245	-6.026273092	-7.392323291	-17.57986704	-7.331154158	0.4996735	0.4269567	0.1321316	0.2949741	-2.5642466
5925000000	0.994837674	2.408554368	-5.617733038	-6.758657586	-18.70634805	-6.587124963	0.5233731	0.459269	0.11606	0.468429	-2.1164762
5925000000	0.994837674	2.35619449	-5.336532879	-6.221618502	-15.62913353	-6.140973943	0.5409702	0.4885613	0.1654015	0.4931185	-1.4728861
5925000000	0.994837674	2.303834613	-4.413213166	-5.403043157	-13.45825097	-6.053703795	0.6016437	0.5368437	0.2123672	0.498098	-0.6280845
5925000000	0.994837674	2.251474735	-3.222473842	-4.52008201	-13.29543842	-6.544347952	0.6900432	0.5942865	0.2163855	0.4707416	-1.0824846
5925000000	0.994837674	2.199114858	-2.510383134	-3.944219009	-14.31688057	-7.81256871	0.7489983	0.6350224	0.1923783	0.4067912	-0.0733126
5925000000	0.994837674	2.14675498</									

5925000000	1.047197551	0.261799388	-15.56428542	-3.186543367	-10.34721214	-5.40476597	0.1666425	0.6929036	0.3038361	0.5367372	-1.4110113
5925000000	1.047197551	0.314159265	-12.82415626	-1.73006293	-9.207490026	-4.504215005	0.2284505	0.8194017	0.346438	0.5953732	-0.0450079
5925000000	1.047197551	0.366519143	-10.3622411	-0.3899824	-7.309390421	-0.9569946	0.3033108	0.9560946	0.3988456	0.7003298	1.4342115
5925000000	1.047197551	0.41887902	-8.896948169	0.040375338	-6.046777519	-1.710651085	0.3590481	1.0046592	0.4984954	0.821235	2.5532032
5925000000	1.047197551	0.471238898	-8.098298834	-0.296612485	-4.13436528	-0.722607992	0.3936272	0.9664277	0.6212704	0.9201732	3.2318579
5925000000	1.047197551	0.523598776	-7.375670791	-0.208672707	-2.881290045	-0.220084036	0.427776	0.972662	0.7176877	0.9749802	3.7973939
5925000000	1.047197551	0.575958653	-6.319802592	0.975899133	-2.10662658	-0.082690897	0.4830698	1.1189095	0.7979706	0.9904908	4.5377714
5925000000	1.047197551	0.628318531	-5.372888658	2.086461311	-1.469043456	-0.079067663	0.5387107	1.2715196	0.8443992	0.9909383	5.2147037
5925000000	1.047197551	0.680678408	-5.132997925	2.431587683	-0.085266403	0.004389565	0.5537964	1.3230595	0.9456636	1.0005055	5.6275429
5925000000	1.047197551	0.730382806	-5.361803891	2.541920673	0.612159335	0.250753599	0.5393986	1.339973	1.0730204	1.0209898	5.980731
5925000000	1.047197551	0.785398163	-5.018979035	3.30062906	1.423801765	0.617318051	0.5611139	1.4622831	1.1781215	1.0736578	6.5984808
5925000000	1.047197551	0.837758041	-3.825574087	4.335744383	1.773663058	1.014057272	0.643756	1.6473551	1.2265441	1.1238358	7.3125502
5925000000	1.047197551	0.890117919	-2.467111355	4.745994214	1.849307484	1.362585762	0.752739	1.7270293	1.2372725	1.1698476	7.7600487
5925000000	1.047197551	0.942477796	-1.18610249	4.302543478	2.026647801	1.616335528	0.8723583	1.6410703	1.2627937	1.2045277	7.9252946
5925000000	1.047197551	0.994837674	-0.07355266	3.445013146	2.465380023	1.759694799	0.9915677	1.4867935	1.3282169	1.2245732	8.0127476
5925000000	1.047197551	1.047197551	0.525638773	2.850668378	2.902927449	1.798738596	1.062385	1.3884601	1.3968391	1.2300901	8.092868
5925000000	1.047197551	1.099557429	0.337672644	2.521166802	2.968572919	1.756413438	1.0396416	1.2367751	1.407436	1.2241106	7.9726227
5925000000	1.047197551	1.151917306	-0.527228102	2.073560186	2.550704148	1.666170336	0.9411061	1.2696324	1.3413287	1.2114584	7.5379703
5925000000	1.047197551	1.204727184	-1.501928883	1.83213447	1.896816224	1.548757955	0.8412083	1.2348287	1.2440585	1.1951926	7.0731095
5925000000	1.047197551	1.256637061	-2.008693474	2.388362996	1.430873336	1.387039438	0.7935336	1.3164918	1.1790811	1.1731458	6.9704823
5925000000	1.047197551	1.308996939	-2.193811156	3.295951087	1.275441153	1.120854931	0.7768004	1.4553839	1.1581693	1.1377393	7.0977066
5925000000	1.047197551	1.361356817	-2.491027722	3.664871317	1.049913866	0.668409886	0.7506692	1.5249077	1.1284847	1.0799919	7.102816
5925000000	1.047197551	1.413716694	-2.890113206	3.474970804	0.314281393	-0.018604834	0.716959	1.4919303	1.0368456	0.9978603	6.5340792
5925000000	1.047197551	1.466076572	-2.994292572	3.081866016	-0.978814168	-0.885466312	0.7084111	1.4259139	0.8934274	0.903801	5.8609929
5925000000	1.047197551	1.518436449	-2.638939916	2.906063197	-0.289213908	-1.772678888	0.7379943	1.3973434	0.769023	0.8153913	5.3896977
5925000000	1.047197551	1.570796327	-2.239581753	2.864846106	-2.869414827	-2.576295794	0.7727178	1.3907283	0.7186696	0.7433361	5.1666428
5925000000	1.047197551	1.623156204	-2.283932016	2.538421922	-2.995319565	-3.402910935	0.7687823	1.3394335	0.7083274	0.6758564	4.8418737
5925000000	1.047197551	1.675516082	-2.829020275	1.641183819	-3.559668029	-4.377529878	0.7220196	1.2079785	0.6637684	0.6041204	4.0766621
5925000000	1.047197551	1.72787596	-3.414135347	0.156389002	-5.03820026	-5.290302048	0.6749836	1.018168	0.5598736	0.5438572	2.9128844
5925000000	1.047197551	1.780235837	-3.486492605	-1.83401721	-6.989011799	-5.714256513	0.6693841	0.8096534	0.447249	0.5179492	1.7422617
5925000000	1.047197551	1.832595715	-3.10370258	-4.455005023	-8.09096219	-5.705007549	0.6995437	0.5987558	0.3976905	0.518501	0.8848787
5925000000	1.047197551	1.884955592	-2.790042189	-7.579920545	-8.111215344	-5.736319501	0.725267	0.4178342	0.3930422	0.5166352	0.2262424
5925000000	1.047197551	1.93734157	-2.896852566	-7.993121253	-7.14082979	-6.044784205	0.716403	0.3984226	0.3666873	0.4986098	-0.0867583
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5925000000	1.151917306	-2.984513021									

5925000000	1.151917306	-0.575958653	-0.766846462	-6.51008491	-2.26282778	-6.786653361	0.9154986	0.4726022	0.7706525	0.4577911	2.3339623
5925000000	1.151917306	-0.523598776	-3.183167857	-10.13979876	-2.814470204	-6.249173382	0.693173	0.3111788	0.7232301	0.4869836	0.8851706
5925000000	1.151917306	-0.471238898	-2.433209736	-13.52438258	-3.67754801	-5.754745648	0.7556828	0.2107564	0.6548054	0.5155404	0.5746167
5925000000	1.151917306	-0.41887902	-1.162969572	-12.17713617	-4.48031069	-5.517355674	0.8746847	0.2461179	0.5970139	0.5298247	1.0139398
5925000000	1.151917306	-0.366519143	-1.51800422	-10.56076038	-4.982514877	-5.75526388	0.8396529	0.2964572	0.5634745	0.5155097	0.8872442
5925000000	1.151917306	-0.314159265	-3.640146299	-11.00054078	-5.14042658	-6.689021584	0.6576468	0.2818207	0.5361643	0.4629658	-0.2708466
5925000000	1.151917306	-0.261799388	-5.961877118	-13.42389787	-6.260018732	-8.468250784	0.5033918	0.2132088	0.4864062	0.3772137	-2.0462463
5925000000	1.151917306	-0.20943951	-5.914737756	-15.63454909	-7.929131865	-11.06021208	0.5061312	0.1652999	0.4013686	0.2798913	-3.3966279
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5925000000	1.151917306	-0.104719755	-6.375616308	-16.39303381	-11.74889587	-14.391055	0.4799756	0.1514776	0.2585563	0.1907424	-5.3460801
5925000000	1.151917306	-0.052359878	-6.676107433	-16.31253282	-11.89833697	-11.72822142	0.4636547	0.152888	0.2541459	0.2591725	-4.960099
5925000000	1.151917306	-4.44E-16	-6.963298615	-12.77767659	-11.03294118	-8.622648171	0.448575	0.2296763	0.2807714	0.3705677	-3.546242
5925000000	1.151917306	0.052359878	-9.046027986	-9.597555894	-11.13880322	-6.481785714	0.3529381	0.3312243	0.2773702	0.4741445	-2.879464
5925000000	1.151917306	0.104719755	-14.42905195	-7.056923642	-13.8120788	-5.430576072	0.1899098	0.4437658	0.2038901	0.5351447	-3.2690219
5925000000	1.151917306	0.157079633	-22.63020145	-5.133590125	-16.01782836	-5.211424189	0.0738737	0.5537586	0.1581643	0.5488186	-3.5134784
5925000000	1.151917306	0.20943951	-18.94112242	-3.997821419	-12.07512217	-5.352405205	0.112965	0.6311156	0.2490255	0.5399826	-2.3092541
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5925000000	1.151917306	0.314159265	-12.18166521	-2.010414167	-8.276236702	-4.651052948	0.2459896	0.7933764	0.3856454	0.5853928	0.0450677
5925000000	1.151917306	0.366519143	-9.785303028	-0.855678209	-7.092571521	-3.680626955	0.3241417	0.9061834	0.4419483	0.6545889	1.3148134
5925000000	1.151917306	0.41887902	-8.941883235	-0.318536245	-5.260588614	-2.76004472	0.3571954	0.9639915	0.5457209	0.7277761	2.2610888
5925000000	1.151917306	0.471238898	-8.936477098	-0.297335981	-3.457562527	-2.136431961	0.3574178	0.9663472	0.6716173	0.781949	2.8519537
5925000000	1.151917306	0.523598776	-8.126121019	0.043971138	-2.300605929	-1.806719135	0.3923683	1.0050752	0.767308	0.812202	3.454841
5925000000	1.151917306	0.575958653	-6.246558493	1.046150349	-1.681901233	-1.556327737	0.4871605	1.1279959	0.8239577	0.8359564	4.2838132
5925000000	1.151917306	0.628318531	-4.730882836	1.917808845	-1.098297831	-1.156926065	0.5800372	1.2470689	0.8812215	0.8752935	5.0658419
5925000000	1.151917306	0.680678408	-4.133703009	2.181943121	-0.200713442	-0.605528525	0.6213193	1.2855742	0.977157	0.9326605	5.6131856
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5925000000	1.151917306	0.785398163	-4.145602748	2.839047275	1.635166932	0.347343678	0.6204687	1.3866037	1.207142	1.0407998	7.2536386
5925000000	1.151917306	0.837578041	-3.739263444	3.624570136	1.92693685	0.613774108	0.6501848	1.5178488	1.2483801	1.0732199	7.0236181
5925000000	1.151917306	0.890117919	-2.949385224	3.886488396	1.872218927	0.773812128	0.7120832	1.5643158	1.2405405	1.0931773	7.2536386
5925000000	1.151917306	0.942477796	-1.768885756	3.527323953	1.866045106	0.894548782	0.8157474	1.5009499	1.2396591	1.1084789	7.5631264
5925000000	1.151917306	0.994837674	-0.474142427	3.155840939	2.161233438	1.030448248	0.9468755	1.4381098	1.2825127	1.1259586	7.5923762
5925000000	1.151917306	1.047197551	0.369978971	3.279554718	2.547269745	1.196408306	1.0435156	1.4587395	1.3407984	1.1476789	7.9426858
5925000000	1.151917306	1.099557429	0.445305792	3.486201159	2.68142419	1.385803766	1.0526047	1.4938605	1.3517834	1.1729789	8.081862
5925000000	1.151917306	1.151917306	-0.151226025	3.367656003	2.211109325	1.571079321	0.9827401	1.4736108	1.2898983	1.198268	7.861878
5925000000	1.151917306	1.204277184	-0.970448542	3.28133375	1.547608276	1.687831961	0.8942883	1.4590383	1.1950344	1.2444834	7.5367281
5925000000	1.151917306	1.256637061	-1.551560617	3.759282607	1.070948569	1.654980838	0.8364153	1.5415731	1.1312256	1.2098988	7.4566023
5925000000	1.151917306	1.308996939	-1.930950699	4.44611283	0.951997265	1.400170237	0.800668	1.668421	1.1158347	1.1749206	7.5312549
5925000000	1.151917306	1.361356817	-2.393587774	4.648281188	0.819345088	0.888312718	0.7591378	1.7077098	1.098923	1.1706834	7.7322758
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5925000000	1.151917306	1.466076572	-3.202425698	3.207467296	-0.9957442	-0.542788054	0.6916378	1.446683	0.8916877	0.9394217	7.5936386
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5925000000	1.151917306	1.623156204	-2.773813389	0.613664783	-3.110104798	-2.115186656	0.7266233	1.0730264	0.6990283	0.7828369	4.3040819
5925000000	1.151917306	1.67516082	-3.226168168	-1.295192628	-3.466222654	-2.582221561	0.6897498	0.8614704	0.670948	0.7482921	3.9188863
5925000000	1.151917306	1.72787596	-3.687161658	-4.319681339	-4.590455702	-2.77011988	0.6540966	0.6081573	0.589491	0.7269324	2.2073403
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5925000000	1.151917306	2.14675498	-6.89632006	-2.700476844	-7.801885679	-8.780188673	0.4520474	0.7327843	0.2548075	0.4072918	-0.6915863
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5925000000	1.151917306	2.35619449	-6.410074837	-11.294039	-11.87883172	-7.379840311	0.4780752	0.272457	0.2547173	0.4257507	-2.8967652
5925000000	1.151917306	2.408554368	-6.148111018	-8.950866367	-11.58621944	-6.078475779	0.4927135	0.3568262	0.2634444	0.4966795	-1.8858977
5925000000	1.151917306	2.460914245	-5.86809956	-7.2527727	-10.8327161	-6.076805284	0.5088561	0.4387717	0.2873189	0.496775	-1.2756495
5925000000	1.151917306	2.513274123	-5.404307555	-5.738803687	-10.54711805	-7.39356223	0.5367655	0.5164875	0.2969232	0.4268958	-1.0264993
5925000000	1.151917306	2.565634	-5.169399385	-4.60082658	-11.69601762	-9.924244524	0.5514803	0.5888381	0.2601352	0.3189979	-1.3128016
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5925000000	1.151917306	2.670353756	-7.702417005	-5.918212059	-14.9838436	-12.29860201	0.4119829	0.5059341	0.178159	0.2427001	-3.4864412
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5925000000	1.204277184	-0.890117919	4.567542903	-4.015298192	1.078058847	-3.673334939	1.6919096	0.629847	1.1321473	0.6551387	6.2551377
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5925000000	1.204277184	-0.471238898	-1.855961407	-12.89793051	-4.015247128	-6.868953208	0.8076104	0.2265184	0.6298507	0.4534739	0.4956778
5925000000	1.204277184	-0.41887902	-0.788508887	-11.50504185	-4.867195967	-6.629456931	0.9132182	0.2659181	0.5710054	0.4661516	0.8919446
5925000000	1.204277184	-0.366519143	-1.30810022	-9.963169247	-5.389438478	-6.820658366	0.8601912	0.3175175	0.5376852	0.4560024	0.7143977
5925000000	1.204277184	-0.314159265	-3.45007884	-10.34199977	-5.819198771	-7.751765793	0.6721962	0.3040185	0.511729	0.4096488	-0.4565405
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5925000000	1.204277184	-0.052359878	-6.673013611	-16.08201292	-11.88979499	-11.64669092	0.4638198	0.1569999	0.2543906	0.2616167	-4.9067123
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5925000000	1.204277184	0.366519143	-9.580794457	-1.191600991	-6.661668782	-3.941716595	0.3318641	0.8718062	0.464426	0.6352054	1.2264167
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5925000000	1.204277184	0.575958653	-6.215974198	1.033681202	-1.590014162	-1.889959206	0.4888789	1.1263777	0.8327206	0.8044555	4.2325666
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5925000000	1.308996939	-1.832595715	-3.326275615	-4.608093307	-7.903554073	-7.473294685	0.6818459	0.5882952	0.4025523	0.422995	0.4059344
5925000000	1.308996939	-1.780235837	-1.748231761	-4.160923076	-6.881254752	-6.635478075	0.6176895	0.6193752	0.4528322	0.4658285	1.4218935
5925000000	1.308996939	-1.72787596	-0.214011486	-3.749637087	-5.875615308	-5.875615308	1.024945	0.6494088	0.5547356	0.508416	2.7264999
5925000000	1.308996939	-1.675516082	1.81623177	-3.573106897	-3.764981641	-5.389500714	1.23257	0.6627422	0.6482625	0.5376813	3.753956
5925000000	1.308996939	-1.623156204	2.786559942	-3.677961554	-2.99374904	-5.114091229	1.37825	0.6547898	0.7085675	0.5550031	3.407528
5925000000	1.308996939	-1.570796327	3.419742462	-3.866837987	-4.341383644	-5.016898768	1.4824741	0.640705	0.7637141	0.5612843	4.7311008
5925000000	1.308996939	-1.51846449	4.139322735	-3.815071175	-1.442421227	-5.161311537	1.6105201	0.6445349	0.8469913	0.5519941	5.2348668
5925000000	1.308996939	-1.466076572	4.967499247	-3.416028745	-0.474927276	-5.608419708	1.7716379	0.6748365	0.9467899	0.524299	5.8397206
5925000000	1.308996939	-1.413716694	5.537336776	-2.936614453	0.177765581	-5.622550223	1.8917635	0.7131309	1.0206769	0.4881154	6.2640243
5925000000	1.308996939	-1.361356817	5.533723715	-2.69006373	-0.177633887	-6.066664257	1.8909767	0.7336633	1.0562864	0.4673764	6.3368093
5925000000	1.308996939	-1.308996939	4.984875396	-2.695104708	0.786581032	-6.424211637	1.7751856	0.7332377	1.0947855	0.4772978	6.1936818
5925000000	1.308996939	-1.256637061	4.380533039	-2.644770022	1.448990636	-5.919638397	1.6558716	0.7374991	1.181543	0.5058457	6.1942199
5925000000	1.308996939	-1.204277184	4.231779902	-2.25840312	2.2958723	-5.49832511	1.6277547	0.7710452	1.3029526	0.5309868	6.5118305
5925000000	1.308996939	-1.151917306	4.239829956	-1.690882103	2.875278744	-5.315429803	1.6292641	0.8231062	1.3923998	0.5422861	6.8228642
5925000000	1.308996939	-1.095557429	3.827041326	-1.388876725	2.870701855	-5.273439444	1.553646	0.8522287	1.3916662	0.5449201	6.7341186
5925000000	1.308996939	-1.047197551	3.106407109	-1.689863447	2.332023115	-5.150001784	1.4299484	0.8232028	1.3079802	0.5527133	6.2643577
5925000000	1.308996939	-0.994837674	2.876484325	-2.581066106	1.703243523	-4.782766928	1.392593	0.7429279	1.2166402	0.5765828	5.8644746
5925000000	1.308996939	-0.942477796	3.192846618	-3.655675295	1.49290762	-4.238927727	1.4442498	0.656472	1.1875322	0.6138378	5.8053498
5925000000	1.308996939	-0.890117919	3.158050124	-4.532963236	1.610761578	-3.783555677	1.4384756	0.5934059	1.2037459	0.6468378	5.7616611
5925000000	1.308996939	-0.837758041	2.500177593	-5.249341336	1.51256802	-3.670727901	1.3335487	0.546428	1.1902232	0.5637796	5.4031736
5925000000	1.308996939	-0.785398163	1.964862828	-5.621421869	0.86820801	-4.014798219	1.2538429	0.5235147	1.1051224	0.6298833	4.891389
5925000000	1.308996939	-0.733038286	2.103934891	-5.246656402	-0.185219268	-4.78652959	1.2740801	0.5465969	0.9789016	0.576333	5.4572121
5925000000	1.308996939	-0.680678408	2.087849711	-4.678665111	-1.174752938	-5.841678232	1.2717229	0.5835348	0.8734989	0.5104064	4.1880559
5925000000	1.308996939	-0.628318531	1.138864478	-4.887876579	-1.83722952	-7.001044913	1.1401007	0.5696475	0.809354	0.4466299	3.4220384
5925000000	1.308996939	-0.575958653	-0.482513697	-6.40817617	-2.425465186	-8.185914945	0.9459634	0.4781798	0.7563568	0.3896765	2.178659
5925000000	1.308996939	-0.523598776	-1.250736966	-9.203846932	-3.293328617	-9.30402538	0.8658099	0.3465833	0.6844371	0.342609	0.9825001
5925000000	1.308996939	-0.471238898	-0.654410012	-11.21224245	-4.452833118	-9.888421265	0.9274265	0.2750349	0.5989056	0.3203162	0.5130109
5925000000	1.308996939	-0.41887902	-0.314819875	-10.00655514	-5.475213656	-9.67541237	0.964404	0.3159892	0.5324016	0.3282686	0.5919906
5925000000	1.308996939	-0.366519143	-1.174698867	-8.771626843	-6.076549035	-9.485397404	0.8735043	0.364266	0.4967897	0.3555291	0.2991806
5925000000	1.308996939	-0.314159265	-3.242111453	-9.168928708	-6.548024065	-10.25035574	0.6884849	0.3479794	0.4705424	0.3072432	-0.8466576
5925000000	1.308996939	-0.261799388	-5.288701585	-11.25904195	-7.33843932	-12.33843932	0.5439574	0.273557	0.4290976	0.2415895	-2.567365
5925000000	1.308996939	-0.20943951	-5.77996971	-14.03818617	-8.07011373	-15.08093455	0.5140454	0.198651	0.3627851	0.1671786	-4.0708714
5925000000	1.308996939	-0.157079633	-5.983855382	-15.42931462	-10.64351682	-15.78795864	0.5021197	0.1692522	0.293646	0.162406	-4.9788552
5925000000	1.308996939	-0.104719755	-6.543774063	-16.08198164	-11.8909083	-14.07233413	0.4707727	0.1570005	0.2543634	0.1978715	-5.3520598
5925000000	1.308996939	-0.052359878	-6.662699751	-15.57320922	-11.8703749	-11.45042786	0.4643709	0.1664714	0.2549654	0.2675954	-4.7809779
5925000000	1.308996939	-4.444-16	-6.963298728	-12.77767662	-11.03294085	-8.622648765	0.448575	0.2296763	0.2807715	0.3705677	-3.5462422
5925000000	1.308996939	0.052359878	-8.920085696	-9.918121646	-11.48625797	-6.44477214	0.3580929	0.3192228	0.2664938	0.4761693	-2.9749662
5925000000	1.308996939	0.047197551	-13.65744067	-7.507095604	-15.28607462	-5.258607462	0.2075525	0.4213522	0.1719951	0.5458454	3.4248916
5925000000	1.308996939	0.15079633	-21.09938447	-5.535526884	-16.67455093	-4.936506286	0.0881111	0.5287175	0.1466466	0.5664671	-3.5439439
5925000000	1.308996939	0.20943951	-19.69323077	-4.167633671	-10.86091935	-5.07192534	0.1035949	0.6188969	0.2878723	0.557704	-2.1333014
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5925000000	1.308996939	0.41887902	-8.883113349	-1.435852052	-4.418432901	-3.664549899	0.3596204	0.8476321	0.6012822	0.6558017	1.8133998
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5925000000	1.308996939	0.628318531	-4.39181565	1.553951304	-1.528960632	-0.955834977	0.6031276	1.1959074	0.8385944	0.8957944	4.9433144
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5925000000	1.308996939	0.733038286	-2.896047819	2.634556295	0.011668911	0.441435446	0.7164693	1.3543403	1.0013443	1.0521357	6.2863835
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5925000000	1.308996939	1.047197551	-0.269316582	2.116272832	1.689155892	-0.921679761	0.9649695	1.2758912	1.2146686	0.8993266	6.7678408
5925000000	1.308996939	1.099557429	0.219928973	3.410754453	1.916685723	-1.123282591	1.0256435	1.4809409	1.2469076	0.8786904	7.2951132
5925000000	1.308996939	1.151917306	0.302507556	3.984763209	1.667485726	-1.310585545	1.035441	1.5821154	1.2116419	0.8599451	7.4012705
5925000000	1.308996939	1.204277184	0.310366715	3.929310445	1.129389197	-1.686631108	1.0363784	1.572047	1.1388577	0.8235092	7.1922927
5925000000	1.308996939	1.256637061	0.354892476	3.651178239	0.710613121	-2.465759889	1.0417047	1.5225056	1.0852522	0.7528562	6.8530296
5925000000	1.308996939	1.308996939	0.24721074	3.462334822	0.60001962	-3.636722753	1.0288701	1.4897615	1.0715195	0.6571906	6.5432071
5925000000	1.308996939	1.361356817	-0.159495426	3.234706655	0.504399285	-4.714422673	0.981805	1.4512269	1.0597904	0.8811375	6.1797347
5925000000	1.308996939	1.413716694	-0.755605902	2.622749499	0.004736748	-4.959807939	0.9166841	1.3525006	1.0005455	0.5649495	6.553982
5925000000	1.308996939	1.466076572	-1.256097593	1.496040679	-1.024018763	-4.467451541	0.8653566	1.1879606	0.8887898	0.5978984	6.959874
5925000000	1.308996939	1.518436449	-1.495744819	1.054085257	-2.268910827	-3.933761996	0.8418074	1.0168438	0.770113	0.6357874	4.255871
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5925000000	1.308996939	1.623156204	-2.235199528	-1.751088836	-3.51341942	-3.119306103	0.7731077	0.8174206	0.6673335	0.6982882	3.3939293
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5925000000	1.361356817	-2.251474735	-7.747211976	-4.829006351	-11.11631098	-8.976731919	0.4098636	0.5735215	0.2780894	0.3557652	-1.8451121
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5925000000	1.361356817	-1.989675347	-6.334521765	-4.622585368	-10.23360293	-6.329929324	0.4822519	0.5873145	0.3078633	0.4825069	-0.6307623
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5925000000	1.361356817	-1.780235837	-3.016247724	-3.710788372	-6.812999499	-5.375237929	0.7066227	0.6523198	0.4564046	0.538585	1.4152051
5925000000	1.361356817	-1.72787596	-1.294824564	-2.91029691	-5.168913629	-4.947083569	0.8615069	0.7152949	0.5515112	0.5657777	2.5876445
5925000000	1.361356817	-1.675516082	0.189794256	-2.560584303	-3.912382059	-4.698057074	1.0220913	0.7446819	0.6373543	0.5822334	3.4822426
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5925000000	1.361356817	-1.361356817	3.928012339	-1.087547196	0.335995434	-5.0654191	1.5718121	0.7481516	1.0394408	0.5581223	6.1321203
5925000000	1.361356817	-1.30896939	3.631817117	-1.220376899	0.605061717	-4.438512866	1.5191157	0.8689227	1.0721439	0.5998938	6.1500836
5925000000	1.361356817	-1.256637061	3.569765784	-1.392413006	1.281280396	-3.870357039	1.5083019	0.8518818	1.1589482	0.604405	6.3603865
5925000000	1.361356817	-1.204277184	4.012710354	-1.323889946	2.190429062	-3.589814397	1.5872141	0.8586289	1.2868308	0.6614687	6.8368828
5925000000	1.361356817	-1.151917306	4.367334638	-1.084577804	2.838163744	-3.645514223	1.6533574	0.8826146	1.3864627	0.6572405	7.1960935
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5925000000	1.361356817	-0.733038286	2.197758669	-4.456376519	-0.026029756	-4.133043253	1.2879172	0.5986613	0.9970077	0.6073623	4.8382688
5925000000	1.361356817	-0.680678408	2.126153719	-4.165260168	-0.986389729	-5.123400666	1.2773435	0.6190661	0.8926486	0.5544086	4.4633401
5925000000	1.361356817	-0.628318531	1.862919177	-4.585473475	-1.654197265	-6.1700256	1.1730448	0.5898293	0.8265899	0.4914719	3.7530535
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5925000000	1.361356817	-0.523598776	-0.381010718	-8.763960556	-3.238958486	-9.563598762	0.9570827	0.3645877	0.6887349	0.3325218	1.3745752
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5925000000	1.466076572	-3.089232776	-23.24362029	-15.73375941	-26.33546197	-15.77471033	0.0688365	0.1634226	0.04822	0.1626539	-13.089919
5925000000	1.466076572	-3.036872899	-19.12620388	-12.29424874	-22.55344082	-12.83447279	0.1105834	0.2428217	0.0745295	0.2281794	-9.6810148
5925000000	1.466076572	-2.984513021	-15.17995763	-9.512266719	-18.92575532	-10.88613739	0.1741815	0.3344927	0.113165	0.2855572	-6.864658
5925000000	1.466076572	-2.932153143	-14.33292221	-8.226623822	-18.07913008	-9.98438278	0.1902233	0.3878545	0.1247508	0.319947	-5.8097194
5925000000	1.466076572	-2.879793266	-12.80038929	-8.428871656	-17.23530176	-9.679114186	0.2290765	0.3789278	0.1374785	0.3281288	-5.4036571
5925000000	1.466076572	-2.827433388	-10.33560321	-8.940696406	-15.28410392	-10.18121237	0.3042425	0.3572442	0.1721055	0.3096984	-4.8574675
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5925000000	1.466076572	-2.617993878	-23.73024259	-6.760510552	-13.87931957	-12.76897963	0.065086	0.459171	0.2023178	0.2299064	-6.4070711
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5925000000	1.570796327	-0.471238898	-0.627460298	-8.808825075	-3.737996984	-11.056613	0.9303085	0.3627093	0.6502796	0.2784306	0.9132181
5925000000	1.570796327	-									

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5925000000	1.570796327	2.303834613	-13.64274346	-11.36669648	-13.3746738	-11.54009191	0.207904	0.2701875	0.2144205	0.2648722	-6.399102
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5925000000	1.570796327	2.406854368	-11.59407203	-9.643094137	-12.96098163	-7.722266116	0.2632064	0.3294923	0.22488	0.4110425	-4.2322398
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5925000000	1.570796327	2.617993878	-10.66436643	-10.0626717	-14.62238109	-12.78066685	0.292942	0.3139543	0.1857295	0.072605	-7.2779599
5925000000	1.570796327	2.670353756	-10.9788717	-10.73789827	-17.10817803	-15.39478728	0.2825247	0.2904725	0.1395054	0.1699263	-7.1070047
5925000000	1.570796327	2.722713633	-11.88756114	-11.6450595	-16.43692048	-11.32041753	0.2544614	0.2616658	0.1507141	0.2716309	-6.5721711
5925000000	1.570796327	2.775073511	-12.37205913	-13.48109451	-14.2251614	-9.458887671	0.2406562	0.2118094	0.1944204	0.3365547	-6.1656361
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5925000000	1.675516082	-3.036872899	-20.27234778	-13.31764353	-21.22712551	-12.57556183	0.0969131	0.215833	0.0868248	0.2350834	-9.9685557
5925000000	1.675516082	-2.984513021	-14.93410733	-10.70306961	-17.7914223	-10.66740482	0.1791821	0.2916396	0.1289522	0.2928396	-7.0073306
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5925000000	1.675516082	-2.879793266	-15.22623884	-10.07561929	-16.69135055	-9.775293016	0.1732559	0.3134866	0.1463634	0.3245154	-6.3967233
5925000000	1.675516082	-2.827433388	-13.92912442	-11.21933259	-14.89726457	-10.46998303	0.201161	0.2748105	0.1799438	0.2995177	-6.416104
5925000000	1.675516082	-2.775073511	-10.58766279	-10.03813037	-14.38474574	-11.36569642	0.2955404	0.3148426	0.190881	0.2702186	-5.4208978
5925000000	1.675516082	-2.722713633	-8.518282788	-8.498998912	-15.7704683	-12.45858246	0.3750471	0.3758807	0.1627334	0.2382708	-4.7920621
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5925000000	1.675516082	-2.513274123	-8.015947908	-8.979596057	-18.08471985	-17.456827405	0.3973769	0.3556479	0.1246706	0.4237977	-3.7317627
5925000000	1.675516082	-2.460914245	-8.634141975	-9.589443	-18.1480486	-17.194055568	0.3700777	0.3315338	0.1237649	0.4368147	-3.9980975
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5925000000	1.72787596	1.204277184	-1.768742551	0.739378748	0.770618628	3.454218879	0.8157609	1.0888522	1.0927755	1.4883701	7.0161182
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5925000000	1.72787596	1.466076572	-2.846544729	-3.217179977	-1.178341507	-1.095740066	0.7205643	0.6904639	0.8731381	0.8814811	3.988651
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5925000000	1.780235837	1.93731547	-5.570576625	-2.099164786	-8.609436778	-0.835186335	0.5265883	0.7853111	0.3711318	0.9083238	2.499382
5925000000	1.780235837	1.989675347	-5.71700907	-3.657610823	-10.82126494	-1.624056469	0.5177851	0.6563258	0.2876979	0.6176319	1.8099335
5925000000	1.780235837	2.042035225	-6.512976971	-5.273326455	-11.98575962	-2.346833743	0.4724449	0.5449212	0.2516008	0.7632351	0.1387372
5925000000	1.780235837	2.094395102	-7.251586951	-6.489615572	-12.13408196	-2.678896914	0.433931	0.4737173	0.2473409	0.7346072	-0.4932194
5925000000	1.780235837	2.14675498	-7.641339938	-7.998977376	-12.8754054	-3.279487378	0.41489	0.398154	0.2273123	0.6855287	-0.2803624
5925000000	1.780235837	2.199114858	-8.460315588	-10.58996891	-14.74798061	-4.734739569	0.3775585	0.2954619	0.1830632	0.5797797	-2.878338
5925000000	1.780235837	2.251474735	-9.78006467	-13.11535643	-16.49505686	-6.456686867	0.3243372	0.2209185	0.1497087	0.4755176	-4.6533047
5925000000	1.780235837	2.303834613	-9.946407931	-12.52165731	-16.1660607	-7.074792973	0.3181849	0.2365468	0.155488	0.4428538	-4.7843596
5925000000	1.780235837	2.35619449	-8.862626444	-10.46379315	-15.29106017	-7.786791143	0.3604696	0.2997853	0.1719677	0.4080003	-4.1506047
5925000000	1.780235837	2.40854368	-8.444052283	-8.504665552	-15.11726333	-10.76020142	0.3782661	0.3756356	0.1754433	0.2897276	-4.3000085
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5925000000	1.780235837	2.513274123	-10.62797931	-7.673187233	-14.39282982	-10.05574364	0.2941718	0.4133716	0.1907034	0.3142048	-4.3473115
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5925000000	1.780235837	2.775073511	-9.522961422	-16.81646338	-17.11321239	-8.832516436	0.3340811	0.1442703	0.139426	0.3617214	-6.2005218
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5925000000	1.832595715	3.089232776	-22.30506358	-16.91328824	-25.44624054	-15.37759593	0.0766914	0.142671	0.053418	0.170263	-13.091674
5925000000	1.832595715	3.036878299	-20.54519527	-14.21510412	-20.82934695	-12.78641214	0.0939161	0.1946457	0.0908935	0.2294454	-10.32967
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5925000000	1.832595715	2.932153143	-13.09134187	-10.25136531	-17.46522991	-10.91457737	0.2215302	0.3072074	0.133887	0.2846237	-6.4913223
5925000000	1.832595715	2.879793266	-14.03275032	-10.83049833	-16.43396807	-11.84374439	0.1987753	0.2873923	0.1507654	0.2557483	-7.0066713
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5925000000	1.832595715	2.670353756	-12.43921831	-9.070140121	-16.45420607	-11.59788968	0.2388026	0.3519597	0.1504415	0.2630909	-5.983611
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5925000000	1.832595715	-0.104719755	-6.512377067	-12.01274812	-12.24306006	-10.89016298	0.4724775	0.2508202	0.244257	0.2854249	-4.0617196
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5925000000	1.832595715	-4.44E-16	-6.963298717	-12.7776763	-11.03294136	-8.622648453	0.448575	0.7344433	0.2807714	0.3705677	-3.5462421
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5925000000	1.832595715	0.314159265	-8.398959543	-4.501830696	-4.586444707	-5.266943756	0.3802349	0.5955366	0.5897633	0.5453217	0.4685748
5925000000	1.832595715	0.366519143	-8.344258017	-2.680834554	-4.516836845	-4.829387566	0.3826371	0.7344433	0.5945086	0.5753963	1.1574486
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5925000000	1.832595715	0.523598766	-8.33398129	-0.912097786	-3.321110436	-0.887263469	0.3830901	0.9003163	0.6822515	0.9028941	3.1326546
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5925000000	1.832595715	1.518436469	-4.985286791	-2.377525057	-2.96526818	0.090810737	0.5632947	0.760543	0.758881	1.0105098	3.7876399
5925000000	1.832595715	1.570796327	-4.8797186	-2.023413364	-3.70261465	-2.324136765	0.5701827	0.79219	0.6784017	0.7652321	2.9411734
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5925000000	1.832595715	1.675516082	-4.366928326	-1.284330865	-6.023136808	-7.254600946	0.6048582	0.8625484	0.499854	0.4337804	1.5873916
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5925000000	1.832595715	1.832595715	-5.985598196	-2.105214714	-6.269722971	-2.976615388	0.5020189	0.7847643	0.485863	0.7908543	1.8771874
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5925000000	1.832595715	2.513274123	-10.94706072	-5.863601705	-17.74740957	-10.0819519	0.2835613	0.5091197	0.1825136	0.3132582	-3.8719298
5925000000	1.832595715	2.565634	-11.26722136	-6.660112774	-13.72014859	-7.662419979	0.2732996	0.4645092	0.2060595	0.4138843	-3.3641869
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5925000000	1.884955592	-3.089232776	-21.84157277	-17.12453762	-25.25148625	-15.39096341	0.0808949	0.1392429	0.0546293	0.1700011	-13.05794
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5925000000	1.884955592	-2.984513021	-14.84092521	-11.90556941	-17.84485398	-11.5166657	0.1811147	0.2539344	0.1281614	0.2655624	-7.6158885
5925000000	1.884955592	-12.63153143</									

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5925000000	1.884955592	-0.471238898	-1.5944397	-7.415127916	-2.296166281	-8.78148254	0.8322964	0.4258372	0.7677003	0.3638529	1.5462197
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5925000000	1.884955592	-0.314159265	-3.509264191	-9.009071253	-6.587880384	-15.36268703	0.6676315	0.354443	0.4683882	0.1705555	-1.6131121
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5925000000	1.884955592	-0.20943951	-6.900689796	-10.85218012	-10.02094159	-10.91225865	0.4518201	0.2866758	0.3154663	0.2846997	-3.4871823
5925000000	1.884955592	-0.157079633	-6.702395955	-11.21339524	-11.7298344	-10.83095948	0.4622535	0.2749984	0.2591244	0.287377	-3.8509682
5925000000	1.884955592	-0.104719755	-6.437514478	-11.50832111	-12.25729672	-10.5647907	0.4765673	0.2658177	0.243857	0.2963197	-3.8593046
5925000000	1.884955592	-0.052359878	-6.505084941	-12.33896616	-11.62144422	-9.956739186	0.4728743	0.2415748	0.2623783	0.3178067	-3.7776581
5925000000	1.884955592	-4.44E-16	-6.963299047	-12.77767615	-10.23294146	-8.622648571	0.448575	0.2296763	0.2807714	0.3705677	-3.5462423
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5925000000	1.884955592	0.104719755	-9.431402373	-9.22176209	-18.51675758	-5.207672994	0.3376213	0.3458692	0.1186211	0.5490556	-3.4064713
5925000000	1.884955592	0.157079633	-10.0640805	-8.149819364	-13.9726978	-4.621045493	0.3139034	0.3912993	0.2001544	0.5874186	-2.540709
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5925000000	1.884955592	0.261799388	-8.440783049	-6.939778772	-5.37436352	-5.070393824	0.3784085	0.4497913	0.5415371	0.5578023	-0.3205358
5925000000	1.884955592	0.314159265	-8.145555536	-5.246018067	-4.571829484	-5.152499564	0.3914914	0.5466371	0.5907565	0.5525544	0.3646755
5925000000	1.884955592	0.366519143	-8.347318547	-3.154426702	-4.608652052	-4.688688009	0.3825023	0.6954704	0.5882574	0.5828618	1.0195443
5925000000	1.884955592	0.41887902	-8.567632382	-1.388606163	-4.699130377	-3.486486634	0.3729223	0.8522535	0.582165	0.6693568	1.8568537
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5925000000	1.884955592	0.628318531	-7.053310561	-1.760145639	-1.74111811	-1.275608785	0.4439504	0.8165687	0.8183594	0.8634149	3.3531199
5925000000	1.884955592	0.680678408	-5.722559017	-1.330028392	-0.883682161	-1.142571434	0.5174544	0.8780082	0.9032665	0.6874712	4.0155611
5925000000	1.884955592	0.730382826	-4.467776957	0.528542253	0.095900249	0.344133538	0.597876	1.0627402	1.0111021	1.0404152	5.3718719
5925000000	1.884955592	0.785398163	-3.731339338	1.876019955	0.83453003	1.973582886	0.6507783	1.2410835	1.1008458	1.2596966	6.5444749
5925000000	1.884955592	0.837578041	-3.598768777	2.501667955	1.057393545	2.733188553	0.6607028	1.3337775	1.1294569	1.3698071	7.0315673
5925000000	1.884955592	0.890117919	-3.889064187	2.507636163	0.855292682	2.32783509	0.6390676	1.3346943	1.1034804	1.3073496	6.8179828
5925000000	1.884955592	0.942477796	-4.323514633	2.103103594	0.66183218	0.933035392	0.607889	1.2739582	1.0791743	1.1134014	6.1807732
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5925000000	1.884955592	1.047197551	-5.526546647	0.626935843	1.346631649	0.286196343	0.5292644	1.0748474	1.1677701	1.0334984	5.5872036
5925000000	1.884955592	1.09557429	-6.329821823	-0.224773691	1.627652977	1.823939947	0.4825129	1.9047539	1.2060891	1.2336643	5.7934047
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5925000000	1.884955592	1.361356817	-5.349470222	-1.924753845	0.146299538	4.118411584	0.5401651	0.8012394	1.016986	1.6066474	5.9443469
5925000000	1.884955592	1.413716694	-5.775134943	-2.032493031	-0.496809305	3.569727686	0.5143317	0.7913623	0.9444077	1.5082953	5.4793511
5925000000	1.884955592	1.466076572	-6.368629765	-2.279608108	-1.492930827	2.377020153	0.4803619	0.7691651	0.8420802	1.3147377	4.6252633
5925000000	1.884955592	1.518436449	-6.628491782	-2.575581456	-2.599378228	0.655335075	0.4662034	0.7433972	0.7413633	1.0736716	3.6809735
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5925000000	1.884955592	2.35619449	-7.153971021	-6.711043889	-18.86069992	-6.675995179	0.4388352	0.4617935	0.1140158	0.4636607	-6.2531833
5925000000	1.884955592	2.408554368	-7.67932116	-5.839153074	-17.3377034	-8.2881682	0.4130798	0.5105548	0.1358673	0.385116	-2.8255404
5925000000	1.884955592	2.460914245	-9.586048164	-5.042764124	-15.902714146	-10.83701346	0.3316634	0.5595795	0.1602744	0.2871768	-0.6398726
5925000000	1.884955592	2.513274223	-11.51753175	-4.788902286	-14.90440967	-9.18761978	0.265536	0.5761756	0.1797958	0.3472314	-3.2941881
5925000000	1.884955592	2.565634	-11.17697786	-5.039040727	-14.3204395	-7.523397763	0.2761539	0.5598194	0.1922994	0.4205621	-2.8002225
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5925000000	1.93731547	0.680678408	-6.034182513	-1.575052421	-0.809050599	-1.05198862	0.4992187	0.8341562	0.911061	0.8859324	3.8913089
5925000000	1.93731547	0.733038286	-4.797127776	-0.365319747	0.088534244	0.509948141	0.5756303	0.9588132	1.010245	1.0604766	5.1178815
5925000000	1.93731547	0.785398163	-3.804657351	1.017271109	0.804910919	2.06913459	0.6453081	1.1242517	1.0970983	1.2689857	6.3102627
5925000000	1.93731547	0.837758041	-3.246556225	1.873987235	1.04923648	2.733764041	0.6881327	1.2407931	1.1283967	1.3698799	6.902023
5925000000	1.93731547	0.890117919	-0.890117919	2.246870603	0.883942508	2.242212169	0.704904	1.29522	1.1071262	1.1294525	6.8519581
5925000000	1.93731547	0.942477796	-3.001256573	2.352714263	0.72699462	0.704808622	0.7078434	1.3110997	1.0876395	1.0845527	6.4259807
5925000000	1.93731547	0.994837674	-3.065893023	2.295636793	0.982851907	-0.881112752	0.7025955	1.3025123	1.1198055	0.9035337	6.0825132
5925000000	1.93731547	1.047197551	-3.250095895	2.041983806	1.501772806	-0.69508	0.6878523	1.2650252	1.1887448	0.9230942	6.1600054
5925000000	1.93731547	1.099557429	-3.517406868	1.814244975	0.605956897	0.605956897	0.6670059	1.1991247	1.2322881	1.0725494	6.383523
5925000000	1.93731547	1.151917306	-3.748189415	1.024070552	1.674065071	1.60145865	0.649517	1.1251321	1.21256	1.2024664	6.4230079
5925000000	1.93731547	1.204277184	-3.850840163	0.545665278	1.221151067	2.253770662	0.6418861	1.0648373	1.1509529	1.2962499	6.3485745
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5925000000	1.93731547	1.308996939	-4.136746223	-0.310770188	0.509603221	3.631071664	0.6211017	0.9648538	1.0603596	1.5189853	6.3723265
5925000000	1.93731547	1.361356817	-4.73448958	-0.848450244	0.162294642	3.961090303	0.5797964	0.9069378	1.0188605	1.5778093	6.1998471
5925000000	1.93731547	1.413716694	-5.635320139	-1.393014575	-0.539773315	3.675466058	0.5226777	0.8518228	0.9403751	1.7676799	5.6697415
5925000000	1.93731547	1.466076572	-6.513572666	-1.929545774	-1.606610687	2.784388033	0.4724125	0.8007975	0.831131	1.3779054	4.8165899
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5925000000	1.93731547	1.72787596	-6.672788508	-3.838686834	-6.687310732	-8.613874888	0.4638319	0.6427849	0.463057	0.3709422	-0.2618079
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5925000000	1.93731547	2.042035225	-8.076989703	-5.467726619	-12.60141936	-1.194280441	0.394594	0.5328607	0.2343846	0.8715373	0.1437564
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5925000000	1.989675347	-0.628318531	0.365105914	-3.755530617	-1.679245034	-4.318369718	1.0429303	0.6489683	0.8242098	0.6082492	3.8746145
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5925000000	1.989675347	-4.44E-16	-6.963298959	-12.77767638	-11.03294126	-8.622648665	0.448575	0.2937638	0.2807714	0.3705677	-3.5462423
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5925000000	1.989675347	0.41887902	-9.1007488	-2.397149086	-5.163511943	-3.08283664	0.3507216	0.7588266	0.5518543	0.7012263	1.4473098
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5925000000	1.989675347	0.680678408	-6.274785929	-1.747189144	-0.736828307	-0.882485548	0.4855799	0.8177876	0.918668	0.9033535	3.8774817
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5925000000	1.989675347	1.256637061	-1.254927115	1.779353465	0.840392991	2.700980324	0.8654732	1.2273479	1.1015891	1.3674731	7.0180728
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5925000000	1.989675347	1.93731547	-6.624657318	-5.648705448	-5.716575787	-3.980674486	0.4664092	0.5218729	0.3903167	0.6323627	0.0474754
5925000000	1.989675347	1.98967347	-7.970212727	-5.245199212	-11.18971955	-2.969051586	0.3994748	0.5466886	0.275749	0.7104727	-0.2987259
5925000000	1.989675347	2.042035225	-9.192754181	-5.451660465	-12.56341221	-2.162048812	0.3470262	0.5338472	0.2354061	0.7796462	-0.4641737
5925000000	1.989675347	2.094395142	-9.595061547	-6.385211663	-12.21296978	-1.847515589	0.3313194	0.4794457	0.2451046	0.8083961	-0.6104294
5925000000	1.989675347	2.14675498									

5925000000	2.042035225	-1.780235837	-5.753998098	-3.567958095	-4.728762952	-6.880646941	0.5155848	0.6631352	0.5801788	0.4528638	0.8741705
5925000000	2.042035225	-1.72787596	-4.285994075	-1.957151414	-4.153597602	-5.243762625	0.6105206	0.7982562	0.6198978	0.5467791	2.1964748
5925000000	2.042035225	-1.675516082	-3.47691963	-0.917589395	-4.07670158	-4.203555392	0.6701222	0.8997473	0.6254101	0.6163426	2.9585396
5925000000	2.042035225	-1.623156204	-3.06777037	-0.455732967	-4.147387502	-3.866543188	0.7024436	0.9488845	0.6203412	0.6407267	3.2644088
5925000000	2.042035225	-1.570796327	-2.511390986	-0.21107873	-3.610938722	-3.918898813	0.7489114	0.9759916	0.6598961	0.6387633	5.5842578
5925000000	2.042035225	-1.518436449	-1.488142301	-0.177032469	-2.898006642	-3.867348028	0.8425446	1.0205907	0.7682556	0.6406674	4.2758217
5925000000	2.042035225	-1.466076572	-0.260178387	0.735928935	-0.975007842	-3.478231456	0.97049	1.0884198	0.8943287	0.670021	5.1613891
5925000000	2.042035225	-1.413716694	0.6853683	1.194698836	-0.243845882	-3.001579685	1.0821025	1.1474531	0.9723166	0.707817	5.822245
5925000000	2.042035225	-1.361356817	1.134779318	1.320600383	-0.020615444	-2.799729384	1.1395646	1.1642065	0.9976294	0.7244585	6.0765714
5925000000	2.042035225	-1.308996939	1.238729204	1.128644779	0.284896582	-2.917159101	1.1532845	1.1387601	1.0333438	0.7147301	6.0712821
5925000000	2.042035225	-1.256637061	1.325778381	0.852215303	1.104065708	-3.013589437	1.1649007	1.1030895	1.1355422	0.706839	6.2570217
5925000000	2.042035225	-1.204277184	1.600617095	0.73310819	2.129250346	-2.736881142	1.2023499	1.0880664	1.2777989	0.7297195	6.6445963
5925000000	2.042035225	-1.151917306	2.000367082	0.789381495	2.75649068	-2.232669684	1.2589786	1.0951386	1.3734869	0.7741347	7.0470059
5925000000	2.042035225	-1.099557429	2.355012594	0.811038379	2.647791943	-1.985700096	1.3114467	1.0978725	1.3564057	0.795637	7.1612907
5925000000	2.042035225	-1.047197551	2.601865557	0.59020685	1.865706513	-2.358462725	1.3495256	1.0703119	1.2396107	0.7622139	6.8905749
5925000000	2.042035225	-0.994837674	2.771485733	0.118136608	0.879292758	-3.038256059	1.3758601	1.0136939	1.1065337	0.7048346	6.446293
5925000000	2.042035225	-0.942477796	2.808354046	-0.447120056	0.281071516	-3.106977307	1.3817126	0.9498259	1.0328888	0.69928	6.1574844
5925000000	2.042035225	-0.890117919	2.561419503	-0.978012879	0.090382806	-2.445453549	1.3429844	0.8935099	1.01046	0.7546183	6.0240141
5925000000	2.042035225	-0.837758041	1.989573881	-1.451271454	-0.21126708	-1.95000362	1.2574152	0.8461287	0.9759704	0.7989136	5.7525145
5925000000	2.042035225	-0.785398163	1.354435278	-1.884445958	-0.91535908	-2.15036317	1.1687504	0.804966	0.8999783	0.7806958	5.2356991
5925000000	2.042035225	-0.733038286	1.082655581	-2.352046701	-1.749394996	-3.018713507	1.1327466	0.7627771	0.81758	0.7064222	4.6587181
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5925000000	2.042035225	-0.575958653	0.592422343	-4.294473207	-1.52521698	-4.34751431	1.0705849	0.6099249	0.8657134	0.6062117	3.9523225
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5925000000	2.042035225	-0.366519143	-3.235707263	-6.651205785	-5.5649192	-11.93796473	0.6889927	0.4649858	0.5269314	0.2529891	-0.2919243
5925000000	2.042035225	-0.314159265	-5.323358845	-7.233245036	-6.487453595	-12.99100263	0.5417913	0.4348483	0.4738362	0.2241041	-1.5424824
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5925000000	2.042035225	-0.052359878	-6.466496802	-11.53012457	-11.4906211	-9.534931411	0.4749798	0.2651513	0.26636	0.333621	-3.4777772
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5925000000	2.042035225	0.157079633	-8.844888013	-8.219624759	-13.61938893	-4.653443443	0.3612065	0.3881671	0.2084638	0.5852317	-2.2528924
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5925000000	2.042035225	1.204277184	0.254835477	1.811170744	1.323246221	1.307302582	1.0297376	1.231852	1.1645612	1.1624255	7.2130275
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5925000000	2.094395102	-2.199114858	-10.66759178	-7.10133417	-9.265454884	-6.398485131	0.2928333	0.4415026	0.3441337	0.4787136	-2.1738057
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5925000000	2.14675498	0.785398163	-3.961433632	-0.178418645	0.904158182	2.078077722	0.6337651	0.9796683	1.1097059	1.2702929	6.0063626
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5925000000	2.199114858	-3.036872899	-17.62780297	-16.68538813	-20.68769537	-14.26776741	0.1314044	0.1464639	0.0923879	0.1934691	-10.999249
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5925000000	2.199114858	-2.932153143	-11.32968282	-10.97025362	-17.83352562	-15.12082765	0.2713413	0.2828052	0.1283288	0.1753173	-7.3524079
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5925000000	2.199114858	-2.827433388	-7.327720412	-10.37109713	-12.94690055	-9.79280365	0.4301441	0.3030018	0.2252449	0.3208619	-3.8611279
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5925000000	2.199114858	-2.722113633	-7.070046959	-10.08030396	-11.63718394	-7.305182218	0.4430958	0.3133176	0.2619032	0.4312617	-2.7957662
5925000000	2.199114858	-2.670353756	-7.66602704	-10.78409512	-10.97665319	-5.832243072	0.4137125	0.2889317	0.2825969	0.5109611	-2.5207941
5925000000	2.199114858	-2.617993878	-8.356451121	-10.87395295	-11.0048752	-4.789529164	0.3821004	0.2859851	0.2816801	0.5761834	-2.3502343
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5925000000	2.303834613	-0.575958653	-0.856390302	-5.037559112	-2.042347678	-3.904272349	0.9061091	0.5599149	0.7904649	0.6379496	3.2106868
5925000000	2.303834613	-0.523598776	-2.120820367	-4.984157765	-3.387202186	-3.995466797	0.7833557	0.5633679	0.7596691	0.6312867	2.7217315
5925000000	2.303834613	-0.471238898	-4.58244606	-2.372507423	-4.402765492	-4.602765492	0.6428568	0.5849083	0.6628223	0.6023628	1.9136894
5925000000	2.303834613	-0.41887902	-5.853764508	-4.263998393	-5.11907515	-5.466052458	0.5096966	0.6120686	0.5546444	0.5329634	0.8647809
5925000000	2.303834613										

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5925000000	2.303834613	2.094395102	-4.747533207	-5.185809451	-8.157198293	-1.981200148	0.5789264	0.5504394	0.390967	0.7960494	1.2756042
5925000000	2.303834613	2.14675498	-5.300407524	-5.241213705	-9.756721539	-1.289724951	0.5432248	0.5469395	0.32521	0.8602129	1.1281379
5925000000	2.303834613	2.199114858	-6.263233057	-5.752819446	-12.15669235	-0.940184873	0.4862262	0.5156548	0.2466979	0.8974097	0.6119479
5925000000	2.303834613	2.251474735	-7.62315783	-6.371371233	-12.8856227	-1.136089062	0.4157594	0.4802103	0.2429807	0.8773958	0.0707023
5925000000	2.303834613	2.303834613	-8.92302904	-6.170215128	-18.83136519	-1.675568606	0.3597196	0.4914612	0.2873636	0.8245587	-0.1694755
5925000000	2.303834613	2.35619449	-9.756639624	-5.472977869	-9.352349715	-2.422807221	0.3252131	0.5325386	0.3407081	0.5765883	-0.1745706
5925000000	2.303834613	2.408554368	-10.81731747	-5.379086077	-8.469379093	-3.964401901	0.2878287	0.5383264	0.3771647	0.6335486	-0.739039
5925000000	2.303834613	2.460914245	-13.10672361	-6.204367678	-8.990003107	-7.143620138	0.2211382	0.4895326	0.355222	0.4393585	-2.468419
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5925000000	2.303834613	2.565634	-16.76675438	-7.207538395	-15.43852469	-8.229124098	0.1450983	0.4361371	0.1690728	0.3877426	-4.8973647
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5925000000	2.303834613	2.670353756	-11.88322575	-6.900600514	-11.82500916	-9.223813755	0.2545885	0.4518247	0.2563006	0.3457875	-3.6851172
5925000000	2.303834613	2.722713633	-10.28473175	-7.579181442	-10.20094523	-12.64798493	0.3060296	0.4178697	0.3089959	0.2331314	-3.9717431
5925000000	2.303834613	2.775073511	-10.29855358	-8.177109197	-10.16186014	-13.22876383	0.305543	0.3900718	0.3103895	0.2180529	-4.2645662
5925000000	2.303834613	2.827433388	-11.24502076	-8.550143301	-12.13024931	-12.31571304	0.273999	0.373674	0.24745	0.2422224	-4.9027523
5925000000	2.303834613	2.879793266	-11.71116351	-9.212539067	-17.21860373	-13.17354451	0.259682	0.3462367	0.1377431	0.2203459	-6.3389091
5925000000	2.303834613	2.932153143	-12.03775023	-10.39437919	-28.03436178	-15.18437873	0.2500993	0.3021907	0.0396535	0.1740929	-8.3356117
5925000000	2.303834613	2.984513021	-13.72192766	-11.88655588	-22.85862258	-15.94971727	0.2060173	0.2540909	0.0719568	0.1594095	-9.2200544
5925000000	2.303834613	3.036872899	-16.41868752	-13.90445242	-19.93133469	-16.76738506	0.1510308	0.2017332	0.1007937	0.1450878	-10.477206
5925000000	2.303834613	3.089232776	-17.11295203	-17.33571679	-20.07548285	-19.35787668	0.1394288	0.1358983	0.0991347	0.1076728	-12.357232
5925000000	2.303834613	3.141592654	-17.25575569	-20.41820006	-22.12442636	-18.28340329	0.1371552	0.0952994	0.0783031	0.1218512	-13.298693
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5925000000	2.35619449	2.932153143	-11.70931021	-12.02284643	-17.82739645	-13.64809856	0.2597374	0.2505288	0.1284134	0.2069165	-7.4773405
5925000000	2.35619449	2.879793266	-9.783485253	-11.36482528	-15.31130526	-10.73982787	0.3242095	0.2702457	0.1715674	0.290408	-5.5437807
5925000000	2.35619449	2.827433388	-8.314496779	-12.11522076	-13.23609866	-8.116041995	0.3839504	0.2478786	0.2178688	0.3928239	-4.1345202
5925000000	2.35619449	2.775073511	-7.31924147	-11.26174793	-12.16737095	-7.148082341	0.4305642	0.2734718	0.2463944	0.4391328	-3.1630313
5925000000	2.35619449	2.722713633	-6.771342605	-9.114340854	-11.43300854	-6.337735998	0.4585988	0.3501729	0.2681326	0.4820734	-2.1338022
5925000000	2.35619449	2.670353756	-6.700608163	-7.6006604	-11.18686772	-4.878033162	0.4623486	0.4168377	0.2758396	0.5720934	-1.2832101
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5925000000	2.35619449	1.256637061	1.25142051	2.458468439	0.845184826	-2.020584643	1.1549709	1.3271604	1.102197	0.792448	6.8024647
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5925000000	2.35619449	1.099557219	2.348502025	2.679981418	1.687269445	0.262532126	1.310464	1.3614418	1.2144048	1.0306865	7.8133992
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5925000000	2.460914245	-1.884955592	-4.100558404	-3.562385857	-4.105072462	-2.234570672	0.6236947	0.6635608	0.6233707	0.7371637	2.5543704
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5925000000	2.460914245	-1.780235837	-3.590916369	-2.425932538	-5.204532552	-2.69939837	0.6613848	0.7563161	0.5492542	0.7328753	2.6061297
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5925000000	2.460914245	-1.623156204</									

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5925000000	2.460914245	1.361356817	0.527107955	0.849112581	-0.701973106	4.369020327	1.0625647	1.1026956	0.9223619	1.6536783	7.4973496
5925000000	2.460914245	1.413716694	0.334592225	0.982582924	-1.29061661	3.356347418	1.0392729	1.1197708	0.8619244	1.4716935	7.0294743
5925000000	2.460914245	1.466076572	0.027801836	1.014324091	-2.159780761	2.383887643	1.0032059	1.1238703	0.7798498	1.3158136	6.4912863
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5925000000	2.460914245	1.623156204	-1.827442905	1.118478682	-3.152019261	1.819610623	0.8102664	1.137428	0.6822194	1.230496	5.717812
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5925000000	2.617993878	-3.036872899	-13.52843195	-18.79215359	-19.41392247	-0.78697345	0.2106582	0.1149191	0.1069803	0.1601756	-10.563414
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5925000000	2.617993878	-2.932153143	-10.20353559	-14.95271258	-10.64746234	-0.78697345	0.3089038	0.1780761	0.1376967	0.2935127	-6.7559936
5925000000	2.617993878	-2.879793266	-8.768324556	-13.72607731	-16.04413129	-0.78697345	0.3644045	0.2056189	0.1576861	0.3720424	-5.1923363
5925000000	2.617993878	-2.827433388	-7.418311953	-13.8983256	-15.1						

5925000000	2.617993878	-0.471238898	-5.147314794	-6.547926252	-4.130070432	-3.413199248	0.5528843	0.4705477	0.6215792	0.6750564	1.2894129
5925000000	2.617993878	-0.41887902	-5.851527948	-6.553412679	-5.286459981	-4.170975284	0.5098279	0.4702506	0.5440978	0.6186589	0.5991756
5925000000	2.617993878	-0.366519143	-6.381219934	-6.020328589	-5.571053557	-4.493535653	0.4796661	0.5000156	0.5265593	0.5961056	0.4334867
5925000000	2.617993878	-0.314159265	-6.973265637	-5.45571452	-5.726545046	-4.936547042	0.4480606	0.5355981	0.5172169	0.5666404	0.2792314
5925000000	2.617993878	-0.261799388	-7.223685722	-5.101140796	-6.809009761	-5.839733406	0.4353271	0.5558313	0.4566143	0.5105207	-0.183045
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5925000000	2.670353756	0.628318531	-3.018091798	-2.304016788	-2.394375358	1.967331035	0.7064727	0.7670067	0.795069	1.2541993	4.8278105
5925000000	2.670353756	0.680678408	-2.844057564	-1.588823805	-1.588773181	2.715976261	0.7207707	0.8328347	0.8328396	1.3670954	5.4682218
5925000000	2.670353756	0.733038286	-2.50425814	-1.061046674	-0.430806323	2.761255342	0.7495267	0.885009	0.9516115	1.3742406	5.9341542
5925000000	2.670353756	0.785398163	-2.152586839	-0.716748093	0.669402222	2.995348831	0.780496	0.9207942	1.08012	1.4117814	6.0302942
5925000000	2.670353756	0.837758041	-1.696748547	-0.456645394	1.249555044	3.377773952	0.8225505	0.9487848	1.1547228	1.4753284	6.8511903
5925000000	2.670353756	0.890117919	-0.984455545	-0.112033454	1.269769693	3.16063109	0.8928474	0.9871845	1.1574133	1.4389301	6.9978776
5925000000	2.670353756	0.942477796	-0.08001004	0.43632023	1.12832325	2.406722641	0.9908308	1.0515163	1.1387192	1.3219774	7.0443137
5925000000	2.670353756	0.994837674	0.775316113	1.128616397	1.316315181	2.33196855	1.0933666	1.1387564	1.1636323	1.3079719	7.4282426
5925000000	2.670353756	1.047197555	1.386506351	1.766815979	1.77021847	3.08947472	1.1730738	1.2255776	1.2620577	1.4636802	7.8110132
5925000000	2.670353756	1.095557429	1.707170077	2.184496909	1.974239999	4.227065878	1.2171904	1.2859523	1.2551973	1.6268177	8.6034555
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5925000000	2.670353756	1.204277184	1.825328891	2.330619081	0.923779568	4.940236061	1.2338616	1.3077687	1.1122156	1.7660858	8.6592764
5925000000	2.670353756	1.256637061	1.807552336	2.244766569	0.381194572	5.281081645	1.2313389	1.2949063	1.0448639	1.8367671	8.9399349
5925000000	2.670353756	1.308996939	1.714737601	2.127208617	0.282970277	5.516799505	1.2182513	1.2774986	1.0331146	1.8872958	8.6532303
5925000000	2.670353756	1.361356817	1.420176356	1.928991753	0.234345384	5.367957543	1.1776299	1.2486755	1.0273473	1.8552343	8.4794697
5925000000	2.670353756	1.413716694	0.811334059	1.594520541	-0.247189504	4.818122738	1.0979099	1.2015062	0.9719424	1.7414305	7.9808886
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5925000000	2.670353756	1.570796327	-1.626850636	0.156686638	-2.783253792	3.140083758	0.8291965	1.018029	0.725834	1.4356279	6.0398207
5925000000	2.670353756	1.623156204	-1.756962075	-0.145454379	-3.2819382	2.608650124	0.816868	0.9833934	0.6853353	1.350307	5.656539
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5925000000	2.670353756	2.042052245	-8.229587844	-4.112928155	-6.29282709	-3.73783682	0.3877221	0.6228072	0.4751592	0.6502916	0.5809359
5925000000	2.670353756	2.094395102	-8.53775143	-5.90840904	-8.421874223	-2.799352977	0.3742074	0.5065001	0.3792331	0.7244899	-0.0678815
5925000000	2.670353756	2.14675498	-9.085103614	-7.358310863	-13.28503718	-2.877588209	0.3513539	0.4286319	0.2166447	0.7179936	-3.3272211
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5925000000	2.722713633	-1.308996939	0.516517169	-1.913768316	-0.300407178	-3.820792165	1.0612699	0.8022534	0.9660056	0.6441105	4.7950949
5925000000	2.722713633	-1.256637061	0.715892381	-1.796569132	-0.137592562	-3.216582634	1.085912	0.8131516	0.9842839	0.6905114	5.0421488
5925000000	2.722713633	-1.204277184	0.99736862	-1.402894455	0.298866189	-2.180890227	1.1216786	0.8508545	1.0350071	0.7779568	5.541858
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5925000000	2.722713633	-0.837758041	1.769842011	-2.042863842	-0.982931042	-3.326311785	1.2260046	0.790418	0.8930041	0.681843	5.0843605
5925000000	2.722713633	-0.785398163	1.220860899	-2.43124637	-1.595270519	-1.878864991	1.1509145	0.7558536	0.8322168	0.8054837	4.9704226
5925000000	2.722713633	-0.733038286	0.377324536	-2.806361092	-2.196771735	-0.837304537	1.0443985	0.7239056	0.7765357	0.9081023	4.7431859
5925000000	2.722713633	-0.680678408	-0.697659274	-2.98262128	-2.346839679	-0.415951811	0.9228201	0.7093637	0.7632345	0.9532403	4.4768176
5925000000	2.722713633	-0.628318531	-1.95324802	-3.038570302	-2.116470476	-0.593286058	0.7986152	0.7048091	0.7837481	0.933976	4.1396146
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5925000000	2.722713633	-0.41887902	-5.813232617	-5.879765186	-4.956946999	-3.895867252	0.5120807	0.5808732	0.569135	0.6385672	0.9375324
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5925000000	2.722713633	-0.261799388	-8.558847964	-5.249523985	-6.744029901	-5.179532393	0.3732997	0.5464165	0.4600431	0.5508374	-0.3067692
5925000000	2.722713633	-0.20943951	-8.034334228	-4.994306545	-9.033590258	-6.183614703	0.3965366	0.5627101	0.3534439	0.4907036	-0.8987866
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5925000000	2.722713633	0.20943951	-9.230806238	-9.055574674	-8.804130778	-4.177367722	0.3455093	0.3255504	0.3629054	0.6182037	-1.5187125
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5925000000	2.722713633	0.314159265	-8.854861463	-7.318961986	-4.637306664	-2.425948074	0.360792	0.4305781	0.5863163	0.7563148	0.5632932
5925000000	2.722713633	0.366519143	-6.08288517	-6.412735201	-4.391914892	-1.424315618	0.4964274	0.4779288	0.6031207	0.8487587	1.6780596
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5925000000	2.722713633	0.523598776	-3.042470045	-4.184920918	-1.736623198	-1.736623198	0.7044927	0.6176664	0.6432715	0.818783	2.8734512
5925000000	2.722713633	0.575958653	-3.388565479	-3.519807765	-3.0340921613	-0.110279766	0.6769736	0.6668215	0.70543	0.9873838	3.6271774
5925000000	2.722713633	0.628318531	-3.554688626	-2.803706841	-2.440371689	1.861005476	0.6641491	0.7241269	0.7547056	1.23894	5.0261606
5925000000	2.722713633	0.680678408	-3.159963393	-2.07100821	-1.683962552	2.697608092	0.6950272	0.787861	0.8237622	1.3642074	5.2745715
5925000000	2.722713633	0.733038286	-2.457715875	-1.418979147	-0.505939054	2.655139748	0.7535537	0.8492803	0.9434156	1.3575536	5.8091585
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5925000000	2.722713633	0.942477796	0.33014045	0.38207854	1.239242971	2.121502359	1.0387404	1.0449702	1.1533527	1.2766596	7.070098
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5925000000	2.722713633	1.256637061	1.866529654	1.879999833	0.48392979	5.873082932	1.2397282	1.2416523	1.0572958	1.9663198	8.7945403
5925000000	2.722713633	1.308996939	1.637224062	1.853982903	0.200018393	6.174354052	1.2074279	1.2379387	1.0495447	2.0357184	8.8348917
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5925000000	2.722713633	1.413716694	0.675731837	1.452827126	-0.132946052	5.438368627	1.0809027	1.182065	0.9848106	1.8703308	8.6115908
5925000000	2.722713633	1.466076572	-0.069602643	1.08699072	-1.178046287	4.594856206	0.9920187	1.1333121	0.8731677	1.6972382	7.4134751
5925000000	2.722713633	1.518436449	0.742559528	-2.289822281	3.765167343	6.02623167	0.9120829	1.089251	0.7682612	1.542618	6.6734043
5925000000	2.722713633	1.570796327	-1.338514856	0.490909372	-0.510866179	3.007836726	0.8571844	1.0581457	0.7066522	1.4138126	6.0979816
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5925000000	2.722713633	1.884955592	-5.538717791	-1.491002518	-7.656196222	-0.064886712	0.5285233	0.8422672	0.414181	0.3951442	0.7489909
5925000000	2.722713633	1.93731547	-6.625234274	-2.078100442	-6.358247024	-9.945171299	0.4663782	0.7872179	0.4809364	0.3182302	0.2261755
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5925000000	2.827433388	-0.628318531	-3.624044505	-2.424362271	-2.037432325	-0.682044151	0.6588397	0.7564529	0.7909124	0.9244806	3.8921892
5925000000	2.827433388	-0.575958653	-2.575958653	-2.275093957	-1.999809388	-1.018090511	0.6086147	0.769565	0.7943457	0.8939667	3.6992824
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5925000000	2.827433388	-0.471238898	-5.19723031	-3.172611291	-3.516476453	-3.045182745	0.5497161	0.6904159	0.6670773	0.7042727	2.3291066
5925000000	2.827433388	-0.41887902	-5.920685227	-4.121650758	-4.394168607	-3.484824116	0.5057848	0.622182	0.6029643	0.6695127	1.5852306
5925000000	2.827433388	-0.366519143	-7.166461946	-4.978952318	-4.853635104	-3.370442574	0.4382046	0.5637056	0.5718976	0.6738767	1.0352712
5925000000	2.827433388	-0.314159265	-9.042514907	-5.386180003	-5.360523129	-3.680577123	0.3530809	0.5378869	0.536814	0.6545927	0.5105122
5925000000	2.827433388	-0.261799388	-10.522523	-5.257278455	-6.752111772	-4.652792115	0.2977651	0.5459289	0.4596152	0.5852756	-0.49787
5925000000	2.827433388	-0.20943951	-9.777451682	-4.975762266	-9.025069035	-5.744659912	0.3244348	0.5639127	0.3537908	0.5161394	-1.1188505
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5925000000	2.879793266	0.628318531	-5.657702403	-2.448657534	-2.659397667	1.757101108	0.5213326	0.75434	0.7362582	1.2242076	1.4799416
5925000000	2.879793266	0.680678408	-4.178880898	-1.684054929	-2.30813008	2.757144744	0.618096	0.8237535	0.7666346	1.3735904	5.062114
5925000000	2.879793266	0.733038286	-2.507794756	-1.171447377	-1.37249827	2.565239951	0.7492216	0.8738314	0.8538372	1.3435752	5.6217254
5925000000	2.879793266	0.785398163	-1.325393459	-0.982070309	-0.210263836	1.782546924	0.8584803	0.8930926	0.9760831	1.2277996	5.9233295
5925000000	2.879793266	0.837758041	-0.748052609	-1.061053348	0.530444994	1.215419999	0.9174816	0.8850083	1.062973	1.1501937	6.0543516
5925000000	2.879793266	0.890117919	-0.593441674	0.755070158	1.019528383	1.019528383	0.9339592	0.868346	1.090821	1.1245439	6.0588855
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5925000000	2.932153143	-2.932153143	-8.460457569	-14.69449657	-15.95365743	-9.104280266	0.3775523	0.1841939	0.1593372	0.3505791	-5.4194399
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5925000000	3.036872899	-0.785398163	-0.036761475	0.388318012	0.257245199	-0.477707783	0.9957766	1.0457212	1.0300594	0.9464869	6.056964
5925000000	3.036872899	-0.733038286	-0.255633974	-0.200264721	-0.649696263	-1.123551607	0.9709979	0.9772074	0.9279299	0.8786632	5.4711327
5925000000	3.036872899	-0.680678408	-0.623860435	-0.541998725	-1.336817983	-1.302350052	0.9306941	0.9395071	0.8573519	0.8607608	5.0772088
5925000000	3.036872899	-0.628318531	-0.991433519	-0.916806298	-1.550052194	-1.007792181	0.8921304	0.8998284	0.8365606	0.890157	4.9770774
5925000000	3.036872899	-0.575958653	-1.549474608	-1.553946906	-1.61921553	-0.90088986	0.8366162	0.8361855	0.8299257	0.9014789	4.6197176
5925000000	3.036872899	-0.523598776	-2.628509789	-2.107728384	-1.985597251	-1.344133993	0.738881	0.7845373	0.7956464	0.8566294	4.0161793
5925000000	3.036872899	-0.471238898	-4.316764029	-2.232458633	-2.722857702	-2.038167882	0.6083616	0.7732511	0.7308986	0.7908454	3.2377091
5925000000	3.036872899	-0.41887902	-6.401199918	-2.358015942	-3.58017102	-2.431126108	0.478564	0.7622531	0.6622137	0.7558641	2.4734232
5925000000	3.036872899	-0.366519143	-8.713352173	-3.056357203	-4.393314479	-2.605151102	0.3667181	0.7033672	0.6030236	0.7408707	1.6340723
5925000000	3.036872899	-0.3									

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5925000000	3.036872899	2.14675498	-9.967397965	-6.05060912	-10.94463023	-5.117029323	0.3174169	0.4982783	0.2836407	0.5548154	-1.6490951
5925000000	3.036872899	2.199114858	-13.20836323	-7.418053014	-10.55033186	-6.073964362	0.2185656	0.4256938	0.2968133	0.4969375	-2.8653601
5925000000	3.036872899	2.251474735	-13.58751827	-9.535829639	-11.21183291	-8.624507597	0.2092301	0.3335865	0.2750479	0.3704884	-4.5216912
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5925000000	3.036872899	2.460914245	-12.219436	-7.704823063	-17.00592843	-8.059200462	0.2449222	0.4118688	0.1411574	0.395403	-4.4852332
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5925000000	3.036872899	2.565634	-10.44931072	-6.244089697	-11.87186123	-15.56998897	0.3002856	0.487229	0.2549218	0.1665331	-4.3717906
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5925000000	3.036872899	2.670353756	-8.071348352	-7.399374233	-15.03224742	-12.64477507	0.3948504	0.4266103	0.177169	0.2332176	-4.2094633
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5925000000	3.036872899	2.775073511	-8.869707349	-9.770204507	-19.15229149	-11.9151249	0.3601759	0.3247056	0.1102517	0.2536552	-5.6068424
5925000000	3.036872899	2.827433388	-10.15938841	-8.225449854	-17.8118393	-12.49168579	0.3104778	0.3879069	0.1286592	0.2373645	-5.4784342
5925000000	3.036872899	2.8779793266	-13.00597565	-8.013678543	-17.10022848	-13.03323006	0.2237181	0.3974807	0.1396332	0.2230149	-6.1620493
5925000000	3.036872899	2.932153143	-18.37022445	-9.449895661	-16.42011536	-13.88791339	0.1206393	0.3269033	0.151006	0.2021177	-7.843758
5925000000	3.036872899	2.984513021	-20.48724767	-11.53105522	-16.41867699	-16.06485239	0.0945448	0.3651229	0.151031	0.1752452	-9.5258001
5925000000	3.036872899	3.036872899	-18.45447116	-13.13981903	-17.75793846	-21.51106331	0.1194748	0.2209272	0.1294503	0.0840141	-11.16196
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5925000000	3.089232776	-3.089232776	-14.36717284	-20.9576661	-17.40136298	-17.40136298	0.1912676	0.0895605	0.0903563	0.1348751	-11.936568
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5925000000	3.089232776	-2.932153143	-8.621916566	-12.59750162	-15.97892053	-9.019273265	0.3705989	0.234903	0.1588744	0.354027	-5.0518366
5925000000	3.089232776	-2.879793266	-8.279398728	-15.29460197	-7.831922153	-7.831922153	0.385505	0.1718976	0.17051	0.4058858	-4.9298825
5925000000	3.089232776	-2.827433388	-8.406384814	-17.14186643	-15.52294673	-7.547427264	0.37991	0.1389654	0.1674375	0.4194002	-5.1477508
5925000000	3.089232776	-2.775073511	-7.709036414	-13.98610554	-16.61446153	-7.059623547	0.411669	0.1998457	0.1476648	0.4436279	-4.416678
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5925000000	3.089232776	-1.256637061	-0.82320436	-2.032040814	0.506364539	-1.052651407	0.9095777	0.7914035	1.0603002	0.8858468	5.2178202
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6525000000	0.052359878	-2.040352225	-4.483758354	-9.051665284	-7.876265011	-6.446697388	0.596777	0.3527092	0.364438	0.4760638	-0.9635978
6525000000	0.052359878	-1.989675347	-4.186345351	-6.701425226	-7.749290774	-4.854850981	0.6175651	0.4623052	0.4097656	0.5718175	0.2628702
6525000000	0.052359878	-1.93731547	-3.58932562	-5.470142162	-6.757324357	-2.931717248	0.6615059	0.5327125	0.4593395	0.7135331	1.4636992
6525000000	0.052359878	-1.884955592	-3.242742469	-5.403262839	-5.165643491	-1.656436982	0.6884349	0.5368301	0.512238	0.8263771	1.2753543
6525000000	0.052359878	-1.832595715	-3.585169134	-5.538188051	-4.704486193	-0.998050614	0.6618225	0.5285555	0.5818026	0.891451	2.4888834
6525000000	0.052359878	-1.780235837	-4.512922165	-4.779822637	-4.375380876	-0.651036167	0.5947766	0.5767782	0.6735517	0.9277868	2.8880636
6525000000	0.052359878	-1.72787596	-5.491118112	-3.470631709	-2.208885803	-0.44177237	0.5314276	0.6706075	0.7754534	0.9504108	3.3105229
6525000000	0.052359878	-1.675516082	-6.260627454	-2.598792561	-1.363482318	-0.456979096	0.4863721	0.7414133	0.8546354	0.9487484	3.6101625
6525000000	0.052359878	-1.623156204	-6.768169485	-2.422353436	-1.039306199	-0.808530512	0.4587663	0.7566279	0.8872269	0.9111156	3.561506
6525000000	0.052359878	-1.570796327	-6.137413528	-2.500498245	-1.021986595	-1.279742888	0.4933207	0.7495812	0.9002242	0.8630041	3.5403385
6525000000	0.052359878	-1.518436449	-3.904666679	-2.219439137	-0.360081763	-1.295116923	0.6379207	0.7745118	0.9593916	0.8614779	4.1732255
6525000000	0.052359878	-1.46607573									

6525000000	0.052359878	0.837758041	-3.65332608	-0.311027181	0.189112395	-0.951070827	0.6566496	0.9648252	1.0220111	0.8962857	4.958905
6525000000	0.052359878	0.890117919	-1.948235559	0.01061206	-0.206129986	-1.226723765	0.7990762	1.0012225	0.9765478	0.868288	5.2136714
6525000000	0.052359878	0.942477796	-0.239175852	-0.486170303	-0.462504326	-0.594114664	0.9728395	0.9455652	0.9481451	0.938869	5.57607
6525000000	0.052359878	0.994837674	1.198094764	-0.800809083	0.254940793	0.823021158	1.1479018	0.9112925	1.0297861	1.0993882	6.4216114
6525000000	0.052359878	0.1047197551	2.015751098	0.161714224	1.509112629	1.919789505	1.2612104	0.0187924	1.1897498	1.2473533	6.5829127
6525000000	0.052359878	1.099557429	2.095753997	1.299231772	2.238482459	2.173417718	1.2728807	1.1613459	1.2939697	1.284313	7.980504
6525000000	0.052359878	1.151917306	1.753546131	1.644806987	2.027417446	1.784712886	1.2237066	1.2048425	1.2621866	1.281054	7.823081
6525000000	0.052359878	1.204277184	1.605703943	1.408393276	1.328019525	1.36917776	1.2030542	1.1760334	1.1652013	1.1707358	7.4490796
6525000000	0.052359878	1.256637061	1.915400642	1.30781858	1.3466406	1.345594744	1.2467232	1.1624946	1.1395459	1.1675614	7.4514813
6525000000	0.052359878	1.989679347	2.229402859	1.571844444	1.704464752	1.486082129	1.2926178	1.1983736	1.2168113	1.1865994	7.7733929
6525000000	0.052359878	1.361356817	2.033435659	1.651184973	2.159030355	1.298532659	1.2637809	1.2093702	1.2821874	1.1612524	7.8126816
6525000000	0.052359878	1.413716694	1.349062476	1.174892492	1.755717935	0.547499324	1.1680277	1.1448396	1.2240126	1.0650622	7.2382229
6525000000	0.052359878	1.466076572	0.763106718	0.429680576	0.60450468	-0.511040106	1.0918308	1.0507128	1.0720752	0.9428617	6.3560044
6525000000	0.052359878	1.518436449	0.814921134	-0.017823364	-0.404566084	-1.275474701	1.0983634	0.9979501	0.9544907	0.8634283	5.8323324
6525000000	0.052359878	1.570796327	1.229599074	-0.151143922	-0.619773818	-1.385918764	1.1520729	0.9827494	0.9311321	0.852519	5.8417382
6525000000	0.052359878	1.623156204	1.271245788	-0.378407664	-0.646269698	-1.254444413	1.1576101	0.9573696	0.9282961	0.8655213	5.8202625
6525000000	0.052359878	1.675516082	0.536367197	-0.763510002	-1.31771404	-1.618222178	1.063698	0.9158503	0.8592396	0.8300206	5.2699013
6525000000	0.052359878	1.72787596	-0.757834337	-0.909548119	-2.657349072	-2.602685698	0.916449	0.9005806	0.7364318	0.7410811	4.3353023
6525000000	0.052359878	1.780235387	-1.812758696	-0.695598745	-3.978442931	-3.305874887	0.8116374	0.923039	0.6325252	0.6834492	3.6672504
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6525000000	0.052359878	2.042035225	-3.469545621	-3.998692682	-5.688377968	-3.750179161	0.6706914	0.6310523	0.5194971	0.6493867	1.8354805
6525000000	0.052359878	2.094395182	-3.343381342	-5.69548762	-7.134864792	-4.225196238	0.6805044	0.5190696	0.4398016	0.614809	1.0391894
6525000000	0.052359878	2.14675498	-3.142729878	-7.7697779	-8.325717209	-4.328371522	0.6964076	0.4088002	0.3834524	0.6075492	0.4080932
6525000000	0.052359878	2.199114958	-3.215617088	-10.55174189	-8.909007663	-4.210514588	0.6905882	0.2967652	0.3585502	0.615849	-0.1677153
6525000000	0.052359878	2.251474735	-3.252429686	-13.79374121	-10.29431209	-3.887057214	0.6876675	0.204321	0.3056922	0.6392153	-0.7389086
6525000000	0.052359878	2.303834613	-3.086661107	-14.2755445	-12.33039964	-3.72997264	0.7009176	0.193296	0.2418132	0.6508807	-0.978559
6525000000	0.052359878	2.35619449	-3.029192093	-12.75119428	-12.59829521	-4.085859283	0.7055705	0.2303776	0.2344689	0.6247511	-0.9384975
6525000000	0.052359878	2.408545368	-3.263055095	-11.70077341	-11.92872776	-5.117706689	0.6868268	0.2599928	0.2532583	0.5547722	-1.1357997
6525000000	0.052359878	2.460914245	-3.909975604	-10.2891685	-12.05466906	-6.880990509	0.6375309	0.3058733	0.2496126	0.4582459	-1.6927727
6525000000	0.052359878	2.513274123	-5.269127319	-9.285848768	-13.07569236	-8.136216774	0.5451847	0.3432367	0.2219297	0.3919125	-2.4851568
6525000000	0.052359878	2.565634	-6.941490765	-10.75609015	-15.16376473	-7.560247205	0.4497027	0.2898648	0.1745066	0.4187816	-3.5249374
6525000000	0.052359878	2.617939378	-7.088969191	-15.45391623	-14.78549474	-7.793141608	0.4421316	0.16887735	0.1822742	0.4077021	-4.4305979
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6525000000	0.052359878	2.722713633	-6.27479789	-9.811441022	-11.59212474	-12.92009854	0.4855792	0.3231677	0.2632654	0.225941	-3.7554183
6525000000	0.052359878	2.775073511	-7.043882571	-11.22652426	-13.65255426	-10.21655762	0.4444326	0.2745831	0.2076693	0.308441	-3.6851748
6525000000	0.052359878	2.827433388	-7.536901704	-18.44558824	-17.83998236	-9.034376982	0.4199087	0.1159791	0.1282333	0.3534191	-5.8388003
6525000000	0.052359878	2.879793266	-7.332134254	-20.215945	-8.648486588	-10.004429	0.4299256	0.0848443	0.0975445	0.369467	-6.1803039
6525000000	0.052359878	2.932153143	-7.609120609	-15.77283921	-16.4182289	-8.237535909	0.4164319	0.1626889	0.1510388	0.3873675	-5.0554382
6525000000	0.052359878	2.984513021	-9.463121173	-15.89980866	-14.51694759	-9.00606568	0.3363907	0.1603249	0.1879977	0.3545657	-5.6859569
6525000000	0.052359878	3.036872899	-12.43172661	-18.94226221	-16.162848	-11.33857438	0.2390087	0.1129502	0.1555456	0.2710636	-8.1946684
6525000000	0.052359878	3.089232776	-14.5526627	-23.03568375	-20.56600231	-15.1987578	0.1872263	0.0705043	0.0936914	0.1738049	-11.6135928
6525000000	0.052359878	3.141592654	-17.03598016	-21.74376234	-21.05199196	-19.75045108	0.1406698	0.081811	0.0885932	0.1029147	-13.680828
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6525000000	0.052359878	2.879793266	-15.10327537	-10.95919834	-16.25134511	-16.47392181	0.1757261	0.2831653	0.1292603	0.1539688	-8.6111106
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6525000000	0.052359878	2.775073511	-9.788326706	-8.642290745	-13.61881663	-18.004429	0.3240288	0.3697307	0.2084775	0.258284	-5.780185
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6525000000	0.052359878	2.565634	-15.35627849	-6.238569694	-14.71478009	-13.09981635	0.1706814	0.4876088	0.1837642	0.2213142	-5.4869239
6525000000	0.052359878	2.513274123	-11.34219287	-7.766462816	-14.93460744	-10.03347121	0.2709507	0.4089563	0.1791718	0.3150115	-4.6265698
6525000000	0.052359878	2.460914245	-9.485006307	-10.27720386	-15.86671292	-8.250861229	0.3365888	0.3062949	0.1604901	0.3867737	-4.5053
6525000000	0.052359878	2.408554368	-9.352122937	-11.17141756	-18.10366803	-8.881102479	0.340717	0.2763307	0.1243989	0.3597037	-5.1836677
6525000000	0.052359878	2.35619449	-10.92412635	-9.211408329	-18.23196988	-12.07824887	0.284311	0.3462817	0.1225749	0.2489599	-6.0023479
6525000000	0.052359878	2.303834613	-13.27322797	-7.467725323	-14.84839411	-13.87189279	0.2169395	0.4322663	0.2024908	0.180959	-5.7517217
6525000000	0.052359878	2.251474735	-11.23606531	-6.841328511	-10.39041924	-10.55174162	0.2742816	0.4549185	0.3023285	0.2967652	-3.5547414
6525000000	0.052359878	2.199114958	-7.308062605	-7.206443438	-8.726004547	-7.211435694	0.4311187	0.4361921	0.3661844	0.4359415	-5.1692007
6525000000	0.052359878	2.14675498	-4.896151625	-8.49727118	-8.638192348	-6.088114581	0.569105	0.3795555	0.3699052	0.49611286	-6.8617787
6525000000	0.052359878	2.094395182	-9.393454888	-10.22690644	-9.23044417	-6.48478336	0.6358099	0.3080737	0.3455237	0.47739809	-1.0936416
6525000000	0.052359878	2.042035225	-9.398527839	-9.740077739	-9.00934225	-6.36632113	0.6354386	0.3258338	0.3544078	0.4657671	-1.00514
6525000000	0.052359878	1.989675347									

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6525000000	0.104719755	0.471238898	-4.742472355	-2.53726157	-2.907668138	-4.532408695	0.5792638	0.7466841	0.7155115	0.5934438	2.3946932
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6525000000	0.104719755	0.628318531	-4.798851491	-1.303407158	-0.91627348	-1.371873101	0.575516	0.8606561	0.9234612	0.8538987	4.1190525
6525000000	0.104719755	0.680678408	-5.323851757	-1.299654595	-0.874089224	-0.907401505	0.5417606	0.861028	0.9042646	0.9008302	4.1036985
6525000000	0.104719755	0.733038286	-5.271719347	-1.658074218	-0.465964044	-0.647115905	0.545022	0.862211	0.9477675	0.9282056	4.2096245
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6525000000	0.104719755	0.837758041	-2.011700429	0.050587609	0.407972439	-0.82683449	0.7932589	1.0058411	1.0480901	0.9091976	5.4748084
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6525000000	0.104719755	0.942477796	0.837380806	0.330699671	-0.317749495	-0.53348751	1.1012072	1.0388073	0.9640788	0.9404282	6.1167429
6525000000	0.104719755	0.994837674	1.926918914	0.202501833	0.402118712	0.746149454	1.2483775	1.0235878	1.047384	1.0897013	6.8663018
6525000000	0.104719755	1.047197551	2.506207311	1.170119605	1.6378939	1.664531803	1.3344748	1.1442106	1.207521	1.2112299	7.7787761
6525000000	0.104719755	1.099557429	2.370519905	2.254320257	2.311403643	1.721421433	1.3137901	1.2963313	1.3048788	1.2191891	8.1888377
6525000000	0.104719755	1.151917306	1.770377789	2.614188474	2.030779051	1.155531851	1.2260802	1.3511682	1.2633944	1.1422906	7.9291018
6525000000	0.104719755	1.204277184	1.368867508	2.40481177	1.302515742	0.669793666	1.706694	1.3189872	1.1617851	1.080164	7.479616
6525000000	0.104719755	1.256637061	1.549830302	2.171956499	1.110562675	0.714221757	1.1953402	1.284097	1.1363919	1.0857031	7.4241884
6525000000	0.104719755	1.309969399	1.870690983	2.073386848	1.660086827	0.965616721	1.2403223	1.2696071	1.2106102	1.1175857	7.6729424
6525000000	0.104719755	1.361356817	1.707437847	1.675564969	2.040383163	0.849902988	1.2172729	1.2127695	1.2647921	1.1027959	7.5998544
6525000000	0.104719755	1.413716694	1.926918914	0.987896772	0.628079074	0.132930331	1.1204561	1.0749888	1.1937095	1.0154291	6.8574829
6525000000	0.104719755	1.466076572	0.319043406	-0.82564408	0.343081174	-0.868477105	1.0374142	0.9093222	1.0402891	0.9048491	5.7825768
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6525000000	0.104719755	1.570796327	1.114493431	-2.486455108	-0.309274912	-1.399967989	1.1369063	0.7510645	0.9299372	0.8511412	5.2704707
6525000000	0.104719755	1.623156204	1.534258527	-2.925642665	-0.610710154	-1.146533558	1.1931991	0.7140323	0.9321043	0.8763414	5.3801594
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6525000000	0.104719755	1.832595715	-1.893696408	-1.538760274	-4.919471473	-2.433312224	0.8041095	0.8374688	0.5675791	0.7556738	3.4199271
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6525000000	0.104719755	1.989675347	-3.143250218	-3.185980443	-5.057675751	-2.567057781	0.6963659	0.6929485	0.5304221	0.7441271	2.4869398
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6525000000	0.104719755	2.199114858	-4.316408212	-9.533610805	-8.125524777	-4.909186831	0.6083865	0.3336718	0.3923953	0.5682516	-0.43317
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6525000000	0.104719755	2.303834613	-4.180999186	-14.45734263	-10.85248853	-4.674251381	0.6179453	0.1892923	0.2866656	0.5838314	-1.261635
6525000000	0.104719755	2.35619449	-3.256992933	-13.54545544	-11.54905785	-4.684815646	0.6873063	0.1202458	0.264574	0.5831217	-1.183458
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6525000000	0.157079633	2.932153143	-21.12625246	-10.08686761	-19.48116826	-20.75861117	0.087839	0.3130809	0.1061553	0.0916367	-10.476242
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6525000000	0.157079633	2.879793266	-8.112623506	-16.81681962	-19.83757959	-8.180397285	0.3929785	0.1442643	0.1006517	0.3899242	-7.5822695
6525000000	0.157079633	2.932153143	-7.936708984	-14.42291276	-18.96342449	-7.708002137	0.4010186	0.1900441	0.1138106	0.411718	-5.0627144
6525000000	0.157079633	2.984513021	-9.600436154	-15.3072981	-15.96305998	-8.84559107	0.3311145	0.1716466	0.1591648	0.3661773	-5.8222116
6525000000	0.157079633	3.036872899	-12.61512859	-18.24388873	-16.87966791	-11.38506432	0.2340149	0.1224068	0.1432243	0.2696167	-8.2991064
6525000000	0.157079633	3.089232776	-14.67773289	-22.32515996	-20.68671165	-15.30462112	0.1845497	0.0765142	0.0923984	0.1716995	-11.614738
6525000000	0.157079633	3.141592654	-17.03598015	-21.74376242	-21.05199179	-19.75045102	0.1406698	0.081811	0.0885932	0.1029147	-13.680828
6525000000	0.20943951	3.141592654	-17.03597986	-21.74376248	-21.0519917	-19.75045063	0.1406698	0.081811	0.0885932	0.1029147	-13.680828
6525000000	0.20943951	3.089232776	-19.58685521	-14.73260801	-22.00470771	-17.65835027	0.1048714	0.1833874	0.0793898	0.1309431	-12.065698
6525000000	0.20943951	3.036872899	-18.64801228	-10.68886752	-22.8886736	-17.07400883	0.1168421	0.2921169	0.0717084	0.1041135	-10.16183
6525000000	0.20943951	2.984513021	-18.9315504	-9.451825653	-19.69771396	-20.1844919	0.1138096	0.3368284	0.1035415	0.0978989	-9.7442078
6525000000	0.20943951	2.932153143	-19.35267205	-10.22702628	-19.37420628	-20.09371398	0.1077374	0.3800695	0.1074654	0.0982624	-10.142012
6525000000	0.20943951	2.879793266	-15.22747307	-10.65744647	-18.23596918	-17.15761362	0.1732313	0.2931755	0.1225185	0.1387137	-8.7822812
6525000000	0.20943951	2.827433388	-11.49								

6525000000	0.20943951	-0.41887902	-4.15349862	-8.429625734	-5.071218785	-2.835480446	0.6199049	0.3788949	0.5577493	0.7214828	1.1305961
6525000000	0.20943951	-0.366519143	-5.159212409	-10.43753967	-5.058650627	-3.203693894	0.5521275	0.3006928	0.558557	0.6915368	0.4358306
6525000000	0.20943951	-0.314159265	-5.518318834	-12.33165714	-5.508264314	-4.628231118	0.529766	0.308793	0.5303796	0.6899334	-0.0966115
6525000000	0.20943951	-0.261799388	-5.52571047	-13.06514666	-6.908410528	-7.235347197	0.5293153	0.2221993	0.4514186	0.434744	-1.7360386
6525000000	0.20943951	-0.20943951	-5.887153283	-11.8167383	-9.450586283	-10.37613791	0.5077411	0.2565447	0.3368765	0.302826	-3.0733303
6525000000	0.20943951	-0.157079633	-6.629056098	-9.47970495	-12.12802353	-11.06068286	0.4661731	0.335749	0.2475083	0.2798761	-3.5480971
6525000000	0.20943951	-0.104719755	-7.476948119	-7.674588388	-14.61215149	-9.271143011	0.4228171	0.4133049	0.1859484	0.3439085	-3.31172
6525000000	0.20943951	-0.052359878	-8.569160771	-7.003910652	-18.71168569	-8.124640201	0.3728567	0.4464825	0.1159887	0.3924352	-3.5581875
6525000000	0.20943951	-4.44E-16	-10.05032955	-6.832429175	-17.53426549	-8.017967919	0.3144007	0.4553848	0.1328271	0.3972845	-3.7424203
6525000000	0.20943951	0.052359878	-10.67242119	-5.693254742	-14.09194361	-8.133832583	0.2926705	0.5192031	0.1974253	0.3920201	-3.0898596
6525000000	0.20943951	0.104719755	-9.523389998	-4.055559651	-12.94794016	-7.756371956	0.340646	0.6269343	0.2252179	0.4094316	-1.9618553
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6525000000	0.20943951	0.20943951	-8.616244535	-3.012600138	-10.52999498	-6.438415266	0.370841	0.7069196	0.2975091	0.4765179	-0.6687765
6525000000	0.20943951	0.261799388	-8.245927689	-2.679055367	-8.341029645	-5.664751792	0.3869935	0.7345938	0.3827794	0.5209097	0.1090854
6525000000	0.20943951	0.314159265	-6.758459444	-2.09310181	-6.821829511	-4.912534106	0.4592795	0.7858595	0.4559409	0.5680326	1.0965206
6525000000	0.20943951	0.366519143	-5.569998788	-1.755123603	-5.779085501	-4.461161495	0.5266233	0.8170409	0.5140978	0.5983316	1.7842983
6525000000	0.20943951	0.41887902	-5.187432206	-1.819624277	-4.492157609	-4.293322672	0.5503366	0.8109961	0.5962002	0.6100057	2.1697397
6525000000	0.20943951	0.471238898	-5.154967069	-2.267729727	-2.751836292	-3.957942788	0.5523974	0.7702177	0.7284642	0.6340199	2.5886067
6525000000	0.20943951	0.523598776	-5.098182403	-2.97015801	-1.228309848	-3.104140705	0.5560206	0.7103822	0.8681295	0.6995804	3.027552
6525000000	0.20943951	0.575958653	-5.001349265	-3.3139954	-0.590052897	-2.061101593	0.562254	0.6828106	0.9343237	0.7887601	3.429112
6525000000	0.20943951	0.628318531	-4.845019159	-3.040326506	-0.74188167	-1.26634443	0.5724651	0.7046666	0.9181337	0.8643364	3.6926981
6525000000	0.20943951	0.680678408	-4.405585352	-2.703154832	-0.870808001	-0.772145971	0.6021722	0.7325584	0.9046063	0.9194902	3.957397
6525000000	0.20943951	0.730382806	-3.155836988	-1.841251593	-0.302662672	-0.504273	0.6953575	0.8089793	0.9657548	0.9435966	4.6438772
6525000000	0.20943951	0.785398163	-1.307827953	0.042062308	0.53698866	-0.575214351	0.8602182	1.0048543	1.0637742	0.9359212	5.7218683
6525000000	0.20943951	0.8374578041	0.238189796	1.670740131	0.81698826	-1.050466253	1.0278021	1.212096	1.0985768	0.8860898	6.4945036
6525000000	0.20943951	0.890117919	1.205899271	2.13440103	0.398985257	-1.404877688	1.1489337	1.2785569	1.0471159	0.8506602	6.6969575
6525000000	0.20943951	0.942477796	1.907424952	1.511464211	0.064672006	-0.716273795	1.2455789	1.1900719	1.0074734	0.9208445	6.7703728
6525000000	0.20943951	0.994837674	2.552162238	0.819263112	0.653575911	0.713542003	1.3415539	1.0989126	1.078149	1.0856182	7.2425472
6525000000	0.20943951	1.047197551	2.823925689	1.26688497	1.74665046	1.770936781	1.3841918	1.157029	1.2227355	1.2261591	7.941612
6525000000	0.20943951	1.099557429	3.238861453	2.182394437	2.30616685	2.000997045	1.3090103	1.285641	1.3040923	1.2509699	8.228713
6525000000	0.20943951	1.151917306	1.230775867	2.565676857	1.95186597	1.65695197	1.152229	1.3436428	1.2519681	1.2011734	7.8855539
6525000000	0.20943951	1.204277184	0.297385157	2.389053327	1.200112309	1.388716153	1.0348363	1.3165964	1.1481685	1.1733722	7.3712557
6525000000	0.20943951	1.256637061	0.167031532	2.043954282	0.992967248	1.582962548	1.0194163	1.2653123	1.1211098	1.1999085	7.2454013
6525000000	0.20943951	1.308996939	0.371821404	1.652939873	1.458682813	1.907430124	1.043737	1.2096145	1.1828622	1.2455797	7.3876448
6525000000	0.20943951	1.361356817	0.204696443	0.8777351675	1.678861633	1.826187968	1.0238464	1.1062864	1.2132298	1.2339836	7.1916755
6525000000	0.20943951	1.4137116694	-0.445557605	-0.635782784	0.975816923	1.191142605	0.9499968	0.9294175	1.1188989	1.1469834	7.3051222
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6525000000	0.20943951	1.518436449	-1.158588002	-4.858798185	-1.200226118	-0.007275859	0.875126	0.5715577	0.8709409	0.9991627	4.3937526
6525000000	0.20943951	1.570796327	-0.612987343	-5.952173806	-1.028036753	0.095864775	0.9318599	0.5039545	0.8883788	1.011098	4.442075
6525000000	0.20943951	1.623156204	0.022422685	-6.457817734	-0.858345391	0.139359126	1.0025848	0.4754547	0.9059052	1.0161737	4.6092808
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6525000000	0.20943951	1.72787596	-0.182883802	-5.417095479	-2.876112253	-1.464676553	0.9791648	0.5359759	0.7181156	0.8448239	4.7349987
6525000000	0.20943951	1.780235837	-0.644537554	-3.576784134	-3.978207859	-2.276356675	0.9284812	0.6624617	0.6325423	0.7694531	3.5013557
6525000000	0.20943951	1.832595715	-0.717863677	-2.188769859	-4.812128446	-2.183451162	0.920676	0.7772514	0.574637	0.7777275	3.6662279
6525000000	0.20943951	1.884955592	-0.520110793	-1.704447135	-5.836028975	-1.743100159	0.9418776	0.8218218	0.5107384	0.8181727	3.7859047
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6525000000	0.20943951	2.042035225	-2.520134677	-4.076047297	-6.678641838	-5.063923273	0.7481579	0.6254573	0.4635194	0.5582181	1.5667891
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6525000000	0.20943951	2.251474735	-3.960186123	-14.11970978	-8.283400267	-6.476033625	0.6338561	0.1967952	0.3853275	0.4744586	-1.460618
6525000000	0.20943951	2.303834613	-5.700081925	-17.12325352	-9.499076869	-5.540901746	0.5187951	0.1392635	0.335001	0.5280947	-2.3075445
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6525000000	0.20943951	2.565634	-6.242134861	-7.436484771	-13.52714195	-8.194371761	0.4874087	0.4229414	0.2106895	0.3892793	-2.4284902
6525000000	0.20943951	2.617993878	-7.125722505	-9.807454418	-16.48363076	-7.915288352	0.4402647	0.323161	0.1499058	0.4020088	-3.6388132
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6525000000	0.20943951	2.722713633	-7.017034287	-8.869097853	-12.71869968	-12.52904786	0.4458084	0.3602012	0.2312411	0.2363456	-3.9196639
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6525000000	0.20943951	2.827433388	-9.170220677	-14.2588235	-15.0080361	-9.364822529	0.3479277	0.1936684	0.1776636	0.3402192	-5.5187533
6525000000	0.20943951	2.879793266	-8.634471754	-14.65893884	-19.53196194	-7.701603809	0.3700636	0.1849495	0.1055363	0.4120214	-5.4120802
6525000000	0.20943951	2.932153143	-8.168363698	-13.87325777	-20.49973577	-7.431347725	0.3904647	0.202459	0.094409	0.4250248	-5.095572
6525000000	0.20943951	2.984513021	-9.682709266	-15.12755712	-16.85932862	-8.804553358	0.327993	0.1752355	0.14356	0.3628878	-5.9369567
6525000000	0.20943951	3.036872899	-12.7072724	-17.97745389	-17.31002828	-11.43744741	0.2315455	0.1262197	0.1363009	0.2679958	-8.3807952
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6525000000	0.261799388	-0.837758041	1.765318144	-3.319998729	-0.281715275	1.227520495	1.2253662	0.6823388	0.9680867	1.1517972	6.0803028
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6525000000	0.261799388	-0.575958653	-0.845289164	-5.124020628	-2.489120969	-1.380767229	0.9072679	0.554369	0.750834	0.8530428	3.7094144
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6525000000	0.261799388	-0.314159265	-5.367425809	-12.54164074	-5.541202702	-4.838735252	0.5390496	0.2360032	0.5283721	0.5728794	-0.5545342
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6525000000	0.314159265	1.675516082	0.452676709	-7.393677744	-2.109335884	-0.405571393	1.0534983	0.4268901	0.7843921	0.9947671	4.2425468
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6525000000	0.314159265	1.78023837	-1.143894798	-10.41184061	-4.364212662	-1.414242733	0.8766077	0.301583	0.6050474	0.8899214	2.9889457
6525000000	0.314159265	1.832595715	-0.619843179	-7.723998076	-4.949629318	-1.440896844	0.9311247	0.4109605	0.5656119	0.8471399	2.7813183
6525000000	0.314159265	1.884955592	-0.042066298	-6.512335601	-5.712842398	-1.250449634	0.9951686	0.4724798	0.5180335	0.8659195	3.0811766
6525000000	0.314159265	1.93731547	-0.061134271	-6.841060693	-6.79240308	-1.718603026	0.9929864	0.4549325	0.4574881	0.8204835	3.6895622
6525000000	0.314159265	1.989675347	-0.638521965	-8.144126204	-7.829928679	-3.404375085	0.9291242	0.3915558	0.405979	0.6757425	1.592313
6525000000	0.314159265	2.040253525	-1.401845476	-9.495982975	-8.713100783	-5.824605124	0.8509572	0.3351204	0.3667288	0.5114406	2.9257037
6525000000	0.314159265	2.094395102	-1.88176775	-10.24043948	-9.328817697	-6.484070758	0.8052145	0.3075941	0.3416324	0.4740198	3.6136832
6525000000	0.314159265	2.14675498	-1.782683074	-10.70577914	-9.24851095	-5.400644436	0.8144527	0.2915487	0.3448057	0.536992	-0.0531356
6525000000	0.314159265	2.199114858	-1.52013018	-10.5574175	-9.195644569	-4.721206294	0.8394474	0.2965713	0.3469108	0.5806838	2.9719662
6525000000	0.314159265	2.25147473									

6525000000	0.366519143	-1.675516082	0.816524739	-4.71258346	-3.777784876	-2.138782355	1.0985662	0.5812605	0.6473077	0.7817374	3.8314563
6525000000	0.366519143	-1.623156204	2.080080119	-4.261946198	-3.485565669	-1.731336115	1.2705858	0.6122132	0.6694555	0.8192816	4.5359564
6525000000	0.366519143	-1.570796327	2.901852976	-3.962133879	-3.222858926	-1.699463846	1.3966663	0.633714	0.6900127	0.8222934	4.9660542
6525000000	0.366519143	-1.518436449	3.796698936	-3.430681399	-2.114440242	-1.668154516	1.5482281	0.673699	0.7839313	0.8252628	5.645918
6525000000	0.366519143	-1.466076572	4.76687118	-2.666072258	-0.466946464	-1.510152839	1.7311853	0.7356926	0.9476603	0.8401622	6.557291
6525000000	0.366519143	-1.413716694	5.371437975	-1.992153145	0.661550574	-1.589136768	1.855974	0.7950462	1.0791393	0.8328047	7.1634414
6525000000	0.366519143	-1.363156817	5.249160208	-1.770471876	0.838752436	-1.197119501	1.8300292	0.8515985	1.1013811	0.7765046	7.7848916
6525000000	0.366519143	-1.308996939	4.486122025	-2.054782304	0.474250562	-2.907080892	1.6761238	0.7893341	1.0561182	0.7155598	6.5208482
6525000000	0.366519143	-1.256637061	3.734476927	-2.529094475	0.461349039	-2.528591324	1.5371769	0.7473865	1.0545507	0.7474298	6.2065236
6525000000	0.366519143	-1.204277181	3.552626624	-2.765889678	1.049646963	-1.150711165	1.5053287	0.772865	1.1284501	0.87592	6.5205391
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6525000000	0.366519143	-1.099557429	2.728799489	-2.885514493	1.068097465	0.194978212	1.3691151	0.7173387	1.1308497	1.0227015	6.5267276
6525000000	0.366519143	-1.047197551	2.042891044	-3.85472292	-0.029759394	-0.106811449	1.2651574	0.6415993	0.9965797	0.9877782	5.7808803
6525000000	0.366519143	-0.994837674	2.573061792	-5.549481991	-0.805943627	-0.359079688	1.3447857	0.5278687	0.911387	0.9595023	5.4450582
6525000000	0.366519143	-0.942477796	3.466151285	-6.18922397	-0.589797189	-0.334587793	1.4904162	0.4667173	0.9343512	0.9622116	5.6969499
6525000000	0.366519143	-0.890117919	3.452742215	-6.064500275	-0.252937347	-0.614885835	1.4881171	0.4974793	0.9712994	0.9316563	5.7751585
6525000000	0.366519143	-0.837758041	2.350181478	-5.285964259	-0.648799652	-1.791183328	1.3107174	0.5441289	0.9280257	0.813656	5.9706991
6525000000	0.366519143	-0.785398163	0.883193513	-4.937920538	-1.678750148	-3.56678449	1.1070307	0.5663749	0.8242567	0.6632248	5.9755799
6525000000	0.366519143	-0.733038286	0.319882286	-4.599580294	-2.376816258	-3.806916168	1.0375144	0.5888721	0.760605	0.6451403	6.3143616
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6525000000	0.366519143	-0.41887902	-3.353475968	-9.490235825	-5.20093932	-3.23640592	0.679714	0.3353422	0.5494837	0.6889373	1.0364634
6525000000	0.366519143	-0.366519143	-4.499913541	-11.02698369	-5.143671531	-3.698076618	0.5956681	0.2809641	0.5531163	0.6532752	0.353284
6525000000	0.366519143	-0.314159265	-5.219721011	-12.10048001	-5.60754885	-4.801220928	0.5482946	0.2482996	0.5243516	0.5735391	-0.4624372
6525000000	0.366519143	-0.261799388	-5.0334385	-12.57183762	-7.07885347	-6.904739202	0.5601806	0.2351842	0.4426468	0.4516095	-1.4648136
6525000000	0.366519143	-0.20943951	-5.107162433	-12.41225494	-9.512314953	-9.678211564	0.555446	0.2395451	0.3344909	0.3281622	-1.7475655
6525000000	0.366519143	-0.157079633	-5.90444313	-10.26721111	-11.66904397	-10.70736011	0.5067314	0.3066475	0.2609443	0.2914956	-3.312738
6525000000	0.366519143	-0.104719755	-7.019597291	-7.951416283	-13.82488213	-9.257749796	0.4456769	0.4003402	0.2035897	0.3444392	-1.3150579
6525000000	0.366519143	-0.052359878	-8.326881643	-7.045343558	-18.25394882	-8.176860246	0.3834034	0.4443578	0.1222651	0.390083	-4.777958
6525000000	0.366519143	-4.44E-16	-10.05033005	-6.832429185	-17.53426537	-8.01796776	0.3144007	0.4553848	0.1328721	0.3972845	-3.7424203
6525000000	0.366519143	0.052359878	-10.73492061	-5.607758434	-13.76106154	-8.042137851	0.2905721	0.5243389	0.2050912	0.3961805	-2.9982142
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6525000000	0.366519143	0.575958653	-5.80065537	-6.146395457	-2.190150539	-2.190150539	0.5128227	0.4928108	0.8763978	0.771278	2.4742869
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6525000000	0.366519143	1.256637061	0.7786307	1.206957201	0.398135086	2.594542502	1.0937839	1.1490736	1.0469037	1.3481156	7.3057844
6525000000	0.366519143	1.308996939	1.652215723	1.847488147	0.857243133	3.040254922	1.2095137	1.2370134	1.1037828	1.4190992	7.9053997
6525000000	0.366519143	1.361356817	1.793395517	2.000469336	1.041258171	3.01781393	1.2293337	1.2589934	1.1273607	1.4154375	8.0127028
6525000000	0.366519143	1.413716694	1.346542872	1.384466258	0.268198864	2.421150005	1.1676889	1.1727983	1.0313592	1.3214706	7.4089977
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6525000000	0.366519143	1.518436449	1.020008725	-1.240025187	-2.79823633	1.118924777	1.1246061	0.8669594	0.7691461	1.1374862	5.7966773
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6525000000	0.366519143	1.675516082	0.922527615	-6.103923157	-2.511388488	1.423255865	1.1120553	0.4952265	0.7489116	1.1780475	6.445323
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6525000000	0.41887902	-1.780235837	-6.712854231	-6.262851044	-5.838620065	-5.49772002	0.4616973	0.4862476	0.5105861	0.5310238	-0.045482
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6525000000	0.41887902	-1.047197551	2.702891194	-2.768838071	-0.027583038	-0.418495033	1.3650374	0.7270397	0.9968294	0.9529613	6.1110421
6525000000	0.41887902	-0.994837674	3.094928789	-4.561577161	-0.906449447	-1.200793663	1.4280599	0.5914542	0.909092	0.870884	5.5551634
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6525000000	0.628318531	-									

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6525000000	0.785398163	-2.251474735	-4.625555085	-6.491419888	-10.47128773	-6.754571393	0.5871137	0.4736189	0.2995267	0.4594851	-0.8203918
6525000000	0.785398163	-2.199114858	-3.82945338	-6.922635906	-10.01217671	-6.672473758	0.6436486	0.4506799	0.3157847	0.4638487	-0.5662193
6525000000	0.785398163	-2.14675498	-4.252709721	-6.960808755	-9.63093345	-6.825122005	0.6128646	0.4487036	0.3299539	0.4557681	-0.6898974
6525000000	0.785398163	-2.094395102	-5.001642361	-7.140294068	-8.723912132	-6.559169455	0.562235	0.4395267	0.3662726	0.469939	-0.7383157
6525000000	0.785398163	-2.042035225	-4.335364725	-7.86058262	-7.614659931	-5.598158942	0.6076002	0.4045488	0.4161664	0.5294187	-0.2079158
6525000000	0.785398163	-1.989675347	-3.555099258	-7.773807855	-6.912932128	-4.580248216	0.6641177	0.4086106	0.4511837	0.5948918	-0.4818948
6525000000	0.785398163	-1.93731547	-3.822754908	-6.872167937	-6.569975942	-4.100639082	0.643965	0.4533061	0.4693547	0.6236889	0.7895309
6525000000	0.785398163	-1.884955592	-4.66189687	-6.617658804	-6.230935414	-4.081891766	0.5846624	0.4667852	0.4880679	0.6250365	0.6867605
6525000000	0.785398163	-1.832595715	-4.435597224	-6.79995512	-5.600441641	-3.889739357	0.6000952	0.4570906	0.5245392	0.639017	0.9096654
6525000000	0.785398163	-1.780235837	-2.775423478	-6.165257798	-4.544455988	-3.045090882	0.7264886	0.4917418	0.5926212	0.7042795	1.9906128
6525000000	0.785398163	-1.72787596	-1.149725141	-4.934075064	-3.327463857	-1.931975407	0.8760194	0.5662527	0.6817526	0.8007336	3.3018321
6525000000	0.785398163	-1.675516082	-0.153199219	-4.426611072	-2.534980262	-1.140836396	0.9825169	0.6007163	0.7468803	0.8769164	4.1014603
6525000000	0.785398163	-1.623156204	0.363473822	-5.074079043	-2.356645928	-0.796523757	1.0427344	0.5575657	0.7623733	0.9123754	5.2835752
6525000000	0.785398163	-1.570796327	0.791962078	-6.195252968	-3.28112163	-0.603160058	1.095464	0.4900466	0.7657622	0.9329148	4.3079552
6525000000	0.785398163	-1.518									

6525000000	0.785398163	0.890117919	-4.551206534	2.714556583	0.641842684	0.96045323	0.5921608	1.3668719	1.0766936	1.1169215	6.3459023
6525000000	0.785398163	0.942477796	-2.574399496	1.37132636	0.393927721	1.196610218	0.7434984	1.1710254	1.0463968	1.1477056	6.2533327
6525000000	0.785398163	0.994837674	-1.208682346	-0.771825258	0.986072785	1.417038054	0.8700934	0.914974	1.2022008	1.1772045	6.1979085
6525000000	0.785398163	1.047197551	-0.568924215	-0.441483702	2.095252495	1.533735445	0.9365992	0.9504424	1.2728072	1.1931273	6.7551258
6525000000	0.785398163	1.099557429	-0.734980078	1.705412146	2.6947697	1.479221445	0.9188635	1.216944	1.3637628	1.1856625	6.2922445
6525000000	0.785398163	1.151917306	-1.506361851	3.136477988	2.38129181	1.289430787	0.8407791	1.4349075	1.3154205	1.1600362	7.5153625
6525000000	0.785398163	1.204277184	-1.997909926	3.865953776	1.630404256	1.075677416	0.7945194	1.5606219	1.2064802	1.131837	7.4092597
6525000000	0.785398163	1.256637061	-1.45812452	4.409820523	1.345552713	0.928648188	0.8454614	1.6614643	1.1675558	1.1128392	7.5812505
6525000000	0.785398163	1.308996939	-0.587234323	4.81450684	1.700960323	0.837151905	0.9346269	1.7407057	1.2163205	1.1011782	7.9463378
6525000000	0.785398163	1.361356817	-0.311184615	4.713950013	1.859847472	0.68451223	0.9648077	1.7206697	1.2387748	1.0819599	7.9696475
6525000000	0.785398163	1.413716694	-0.678842556	3.853419792	1.160548177	0.374081952	0.94284124	1.5583715	1.1429505	1.0440087	7.3660204
6525000000	0.785398163	1.466076572	-1.024272786	2.403344646	-0.201256778	-0.024340863	0.8887638	1.3187645	0.9770958	0.9972016	6.4067186
6525000000	0.785398163	1.518436449	-0.672558577	1.160286097	-1.270073732	-0.282194824	0.9254907	1.142916	0.8639653	0.9680332	5.8015947
6525000000	0.785398163	1.570796327	0.21880954	0.927372342	-1.494910135	-0.235954483	1.0255114	1.1126757	0.8418883	0.9732004	5.9185424
6525000000	0.785398163	1.623156204	0.743135262	1.277372716	-1.62092318	-0.025962241	1.0893232	1.1584269	0.8297626	0.9970154	6.1809465
6525000000	0.785398163	1.675516082	0.32864462	1.483704377	-2.490535698	0.013784296	1.0385615	1.1862746	0.7507118	1.0015882	5.9708801
6525000000	0.785398163	1.72787596	-0.760314162	1.39566025	-4.035268668	-0.312373554	0.9161874	1.1743107	0.6284006	0.9646757	5.3047887
6525000000	0.785398163	1.780235837	-1.551995308	1.110377925	-5.351601714	-0.87042801	0.8363734	1.1363677	0.5400325	0.9046459	4.6533661
6525000000	0.785398163	1.832595715	-1.543060659	0.598832779	-6.040974258	-1.31232324	0.8372342	1.0713753	0.4988285	0.8597821	4.262968
6525000000	0.785398163	1.884955592	-1.40898046	-0.304121619	-6.505959943	-1.508336277	0.8502585	0.9655926	0.4726308	0.840588	3.877052
6525000000	0.785398163	1.93731547	-1.578431618	-1.620528962	-6.76025908	-1.696251248	0.8338317	0.8298002	0.4591843	0.8225976	3.3623267
6525000000	0.785398163	1.989675347	-1.968945925	-2.810549678	-6.758876293	-2.073711658	0.7971732	0.7235566	0.4592574	0.7876158	2.8214761
6525000000	0.785398163	2.042035225	-2.776160676	-2.858604439	-7.0790474	-2.537047012	0.726427	0.7195646	0.4426369	0.7467026	2.3961037
6525000000	0.785398163	2.094395102	-4.027518652	-2.015225173	-8.111678453	-3.005374208	0.6289615	0.7929371	0.3930215	0.7075079	2.0157755
6525000000	0.785398163	2.14675498	-4.700319588	-1.648567625	-9.365378149	-3.765378149	0.5820818	0.8271259	0.3432048	0.6482329	1.5859605
6525000000	0.785398163	2.199114858	-4.792080903	-2.668386777	-9.699444335	-4.910797325	0.5759648	0.7354966	0.3273616	0.5681462	0.8553258
6525000000	0.785398163	2.251474733	-5.713190773	-5.485064402	-9.57155272	-5.517437233	0.5180128	0.5317981	0.3177915	0.5298197	-0.4573209
6525000000	0.785398163	2.303834613	-7.108747736	-8.290044628	-11.06019095	-4.758770633	0.441126	0.3850328	0.279892	0.5781779	-1.4925789
6525000000	0.785398163	2.35619449	-7.284465651	-6.374539172	-12.00833254	-3.866757915	0.4322915	0.4800352	0.2509478	0.6407109	-0.8959398
6525000000	0.785398163	2.408543268	-6.920513572	-4.305085385	-11.25836513	-3.958539529	0.45079	0.6091801	0.2735784	0.6339763	-0.1421954
6525000000	0.785398163	2.460914245	-6.818037588	-4.369713499	-11.22391923	-4.954212276	0.45614	0.6046643	0.2779003	0.653135	-0.4271784
6525000000	0.785398163	2.513274123	-7.534195405	-7.198935394	-12.03899725	-5.944504577	0.4200396	0.4365693	0.2500635	0.5043996	-1.8783003
6525000000	0.785398163	2.565634	-8.903033558	-12.67502537	-16.517280519	-6.517280519	0.3587966	0.232407	0.2693821	0.4722109	-3.5252226
6525000000	0.785398163	2.617993878	-8.369774067	-8.490762367	-11.18385562	-7.344257021	0.3815147	0.3762373	0.2759353	0.429326	-2.7156346
6525000000	0.785398163	2.670353756	-7.981484364	-5.116345947	-13.7717731	-8.727128833	0.3989567	0.5548591	0.2048384	0.3661369	-2.3563927
6525000000	0.785398163	2.722713633	-8.761730133	-4.889678634	-17.34797237	-9.972171971	0.3646813	0.5695293	0.1352855	0.3172425	-3.1807704
6525000000	0.785398163	2.775073511	-7.954634511	-6.227578373	-19.85217648	-10.10134799	0.4001919	0.4882262	0.1017164	0.3125594	-3.723752
6525000000	0.785398163	2.827433388	-7.716453829	-8.043412144	-23.46482013	-9.580739611	0.4113176	0.3961224	0.0671056	0.3318662	-4.3906881
6525000000	0.785398163	2.879793266	-8.698321528	-10.66188564	-18.23541537	-9.303791502	0.3673533	0.2930257	0.1225623	0.3426182	-4.9935089
6525000000	0.785398163	2.932153143	-8.345257359	-13.67394208	-16.63720589	-9.657752204	0.3825931	0.2071586	0.1472786	0.3289367	-5.4657245
6525000000	0.785398163	2.984513021	-8.93325036	-15.67152992	-18.6397084	-10.89576398	0.3575506	0.1645976	0.1169539	0.2852409	-6.7039373
6525000000	0.785398163	3.036872899	-12.29561852	-16.94479723	-21.1604773	-13.32406374	0.2427834	0.1421543	0.0874908	0.2156735	-9.6746314
6525000000	0.785398163	3.089232766	-15.64639286	-19.53502879	-21.66721563	-17.18007393	0.1650746	0.1054991	0.0825352	0.1383555	-12.190759
6525000000	0.785398163	3.141592654	-17.03597988	-21.74376253	-21.05199222	-19.75045071	0.1406698	0.081811	0.0885932	0.1029147	-13.680828
6525000000	0.837758041	3.141592654	-17.03598038	-21.74376267	-21.05199192	-19.75045085	0.1406698	0.081811	0.0885932	0.1029147	-13.680828
6525000000	0.837758041	3.089232776	-18.35023458	-13.35875577	-22.09782058	-17.1556281	0.1209173	0.214841	0.0785433	0.1387448	-11.657292
6525000000	0.837758041	3.036872899	-15.23196854	-10.64992643	-22.54449805	-14.02896386	0.1731417	0.2934294	0.0746062	0.198862	-8.6355039
6525000000	0.837758041	2.984513021	-12.5921422	-10.51435335	-18.9982909	-12.14763132	0.2346351	0.2980453	0.1122239	0.2469537	-7.0146695
6525000000	0.837758041	2.932153143	-11.85157449	-9.62802413	-17.70390695	-11.64790244	0.2555179	0.3300645	0.1301771	0.2615802	-6.1976893
6525000000	0.837758041	2.879793266	-11.48943642	-9.246250287	-18.56669675	-11.57824609	0.2663963	0.3448955	0.1179411	0.2636864	-6.0832214
6525000000	0.837758041	2.827433388	-11.06282796	-10.58773988	-19.35011417	-11.2036384	0.279807	0.2955378	0.1077687	0.2753075	-6.3897343
6525000000	0.837758041	2.775073511	-10.85148871	-11.86892381	-21.70249399	-10.98262769	0.2866986	0.250008	0.0822007	0.2824026	-6.8750663
6525000000	0.837758041	2.722713633	-11.31183323	-10.74929981	-22.30433141	-10.84987984	0.2718995	0.2900915	0.0766797	0.2867517	-6.6936294
6525000000	0.837758041	2.670353756	-12.81003773	-7.443557854	-16.3564083	-10.40298274	0.2288222	0.4244457	0.1521176	0.3018915	-5.1354745
6525000000	0.837758041	2.617993878	-9.331798657	-5.338395722	-13.54917381	-9.614691222	0.3415152	0.5408542	0.2101558	0.3305715	-2.9559116
6525000000	0.837758041	2.565634	-5.803341864	-5.451210717	-12.67754363	-8.655605269	0.5126641	0.5338749	0.2323394	0.3691643	-1.6812039
6525000000	0.837758041	2.513274123	-5.166915121	-6.803035887	-12.36211683	-7.907370539	0.5516381	0.4569285	0.2409318	0.4023754	-1.6610626
6525000000	0.837758041	2.460914245	-5.912047966	-7.378647549	-12.25687097	-7.447375702	0.506288	0.4276295	0.2438689	0.4242591	-1.927103
6525000000	0.837758041	2.40854368	-5.85349671	-7.117202079	-12.40098832	-6.983791325	0.5097124	0.4049698	0.239856	0.4457519	-1.7354723
6525000000	0.837758041	2.35619449	-5.682207741	-6.616957864	-12.46454976	-6.348505404	0.5198638	0.4668229	0.2381072	0.4814761	-1.3796449
6525000000	0.837758041	2.30384613	-5.942865346	-6.129196015	-12.03985	-5.760259677	0.5044948	0.4937876	0.2500389	0.5152132	-1.0992904
6525000000	0.837758041	2.251474733	-4.941080589	-6.28834302	-11.3360493	-5.60491919	0.5661688	0.4484826	0.2711425	0.5025103	-0.6929353
6525000000	0.837758041	2.199114858	-3.480868791	-6.713354939	-10.78558193	-6.047688451	0.6698176	0.461706	0.2888823	0.4984431	-0.3599441
6525000000	0.837758041	2.14675498	-3.16983956	-6.484045111	-10.17709512	-6.799867831	0.6942374	0.4740212	0.308455	0.4570951	-0.286086
6525000000	0.837758041	2.094395102	-3.377639543	-6.370987603	-9.079202003	-7.05773557	0.6778257	0.4802315	0.3515927	0.4437243	-0.2048909
6525000000	0.837758041	2.042035225	-2.751179141	-6.961311101	-7.958636792	-6.258983192	0.7285193	0.4868777	0.4000075	0.4864642	-0.2291391
6525000000	0.837758041	1.989675347	-1.940949944	-6.940452822	-7.339403772	-5.077675632	0.7997468	0.4497564	0.4295659	0.5573439	0.9704052
6525000000	0.837758041	1.937315									

6525000000	0.837758041	0.471238898	-12.55227002	-0.187208471	-5.046998613	-4.037323035	0.2357146	0.9786774	0.5593068	0.628252	1.5906821
6525000000	0.837758041	0.523598776	-9.898289881	-1.021763989	-3.274610462	-3.669249791	0.3199525	0.8890206	0.6859137	0.6554469	2.1113401
6525000000	0.837758041	0.575958653	-7.579200966	-1.438831959	-2.356554644	-3.013997392	0.4178688	0.8473414	0.7623814	0.7068058	2.7166326
6525000000	0.837758041	0.628318531	-6.360573411	-0.922515746	-2.218443946	-2.119450744	0.4808076	0.8992373	0.7746006	0.7834792	3.3408038
6525000000	0.837758041	0.680678408	-5.608435467	-0.748131677	-1.914653587	-1.122425386	0.524298	0.9174733	0.8021717	0.8021717	3.7070612
6525000000	0.837758041	0.733038286	-5.309352303	-0.458482268	-0.795560240	-0.223905339	0.5426657	0.9458842	0.9124771	0.9745514	4.5533088
6525000000	0.837758041	0.785398163	-5.841038893	1.191534672	0.515455155	0.454881408	0.5104439	1.1470352	1.0611402	1.0537657	5.5117203
6525000000	0.837758041	0.837758041	-6.226458632	2.814615851	1.11397325	0.937447656	0.4882891	1.382709	1.1368382	1.1139671	6.2811458
6525000000	0.837758041	0.890117919	-4.919279676	3.022195779	0.892462817	1.321996532	0.5675917	1.4161517	1.1082127	1.1643969	6.5601463
6525000000	0.837758041	0.942477796	-3.087764492	1.406673824	0.632798018	1.683880422	0.7008285	1.1758006	1.075573	1.2139311	6.3740632
6525000000	0.837758041	0.994837674	-1.841409323	-1.548244231	1.220848143	2.010970919	0.8089646	0.8367347	1.1509128	1.2605165	6.1437757
6525000000	0.837758041	1.047197551	-1.317167035	-1.838517941	2.319789225	2.208193423	0.8592937	0.809234	1.3061392	1.2894653	6.5760134
6525000000	0.837758041	1.099557429	-1.565122129	0.697320826	2.899412436	2.186766046	0.8351104	1.0835926	1.3962739	1.2862882	7.2369454
6525000000	0.837758041	1.151917306	-2.375920501	2.378363523	2.566054232	1.97291199	0.7606835	1.3149771	1.3437012	1.2550054	7.3738565
6525000000	0.837758041	1.204277184	-2.837738091	3.220291796	1.8025134	1.713279727	0.7212953	1.4488205	1.2306248	1.2180468	7.2699597
6525000000	0.837758041	1.256637061	-2.200148571	3.861015229	1.507710265	1.550023879	0.7762338	1.5597348	1.1895577	1.1953668	7.4598835
6525000000	0.837758041	1.308996939	-1.238895455	4.371074943	1.844204498	1.483820061	0.8670721	1.6540695	1.2365459	1.1862904	7.8609304
6525000000	0.837758041	1.361356817	-0.938002832	4.367341006	1.975954168	1.358284162	0.8976352	1.6533586	1.255445	1.1692684	7.9146964
6525000000	0.837758041	1.413716694	-1.37555137	3.62634351	1.250112972	1.042102423	0.8535372	1.5181587	1.154797	1.1274073	7.335859
6525000000	0.837758041	1.466076572	-1.877362282	2.406953616	-0.11994255	0.62829544	0.8056231	1.3193125	0.986286	1.0705156	6.4158767
6525000000	0.837758041	1.518436449	-1.658798901	1.538161313	-1.150653456	0.368362885	0.8261522	1.1937354	0.8759258	1.0433215	5.8874171
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6525000000	0.837758041	1.675516082	-0.503718001	2.233001927	-2.232524755	0.211017956	0.9436569	1.2931535	0.7741476	1.0245919	6.0974544
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6525000000	0.890117919	2.827433388	-8.258381478	-6.503932072	-19.82224040	-11.12192756	0.386439	0.4729371	0.1020678	0.2779096	-4.1566956
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6525000000	0.890117919	2.932153143	-8.212553993	-13.14909878	-15.53125133	-10.27746361	0.3884833	0.220062	0.1672775	0.3062858	-5.3351838
6525000000	0.890117919	2.984513021	-8.628966097	-15.89051434	-17.6619036	-11.32932734	0.3702983	0.1604997	0.1308895	0.2713524	-6.6225957
6525000000	0.890117919	3.036872899	-11.99795303	-17.02047423	-20.9839805	-13.92122643	0.2512478	0.1409212	0.0892896	0.201344	-9.334669
6525000000	0.890117919	3.089232776	-15.79322351	-19.35022047	-21.70092205	-17.74076099	0.1623076	0.1077678	0.0822155	0.1297066	-12.359705
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6525000000	0.942477796	-3.141592654	-17.03597972	-21.74376265	-21.05199203	-19.75045083	0.1406698	0.081811	0.0885932	0.1029147	-13.680828
6525000000	0.942477796	-3.089232776	-18.33296945	-13.31439446	-22.12608947	-17.09266369	0.1211578	0.2159137	0.0782881	0.1397548	-11.132949
6525000000	0.942477796	-3.036872899	-15.67211982	-10.60776015	-22.50090919	-13.8852277	0.1645864	0.2948574	0.0749117	0.2021802	-8.6762472
6525000000	0.942477796	-2.984513021	-13.41973861	-10.37876578	-19.55318469	-11.79314945	0.2133109	0.3027344	0.1052788	0.2572424	-7.145108
6525000000	0.942477796	-2.932153143	-13.49723052	-9.402465953	-19.26611666	-10.93641233	0.2114163	0.338748	0.1088164	0.2839091	-6.5313814
6525000000	0.942477796	-2.879793266	-14.11886266	-8.911888362	-22.74831363	-10.98522937	0.1968144	0.358431	0.0728759	0.282318	-6.1533372
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6525000000	0.942477796	-0.366519143	-3.20652016	-6.307310174	-4.33978044	-6.668083912	0.6913118	0.4837651	0.6067517	0.4640832	1.0072537
6525000000	0.942477796	-0.314159265	-4.905412418	-7.520325705	-5.456934579	-7.250850038	0.5684986	0.4207109	0.5335226	0.4339678	-0.1901158
6525000000	0.942477796	-0.261799388	-5.533857473	-9.042962723	-7.709282484	-8.497599156	0.5288191	0.5330627	0.4116574	0.3759413	-1.5689731
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6525000000	0.942477796	-0.157079633	-4.948918416	-10.54315913	-10.86110049	-9.784723984	0.5656582	0.2970585	0.2878691	0.3241633	-2.6462374
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6525000000	0.942477796	-0.052359878	-7.610983037	-7.076931161	-17.54885342	-8.360923743	0.4163426	0.4427448	0.1326042	0.3819037	-3.2634251
6525000000	0.942477796	-4.44E-16	-10.05032966	-6.832428957	-17.53426559	-8.017967848	0.3144007	0.4553848	0.1328271	0.3972845	-3.7424202
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6525000000	0.942477796	0.366519143	-13.7201926	-1.556591128	-8.055951532	-4.398683299	0.2060584	0.835931	0.3955509	0.6026509	0.172818
6525000000	0.942477796	0.41887902	-13.80136342	-0.27410319	-7.250360255	-4.408268299	0.2041417	0.9689354	0.4339923	0.6019863	0.8635335
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6525000000	0.942477796	0.680678408	-6.402447303	0.32219573	-1.83276655	-1.399535642	0.4784953	1.0377907	0.80977	0.8511835	4.0203992
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6525000000	0.942477796	0.785398163	-5.554834524	1.027335903	0.744703518	-0.246715205	0.5275435	1.1255552	1.0895199	0.9719955	5.3576741
6525000000	0.942477796	0.837758041	-5.970930818	2.853827988	1.35898889	0.286910725	0.5028674	1.3898653	1.1693633	1.0335834	6.2240102
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6525000000	0.942477796	3.089232776	-15.86695993	-19.28443786	-21.6968805	-18.04997426	0.1609356	0.1085871	0.0822538	0.1251703	-12.451203
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6525000000	0.994837674	-0.104719755	-5.765822946	-8.010403164	-12.73644421	-9.045300655	0.5148834	0.3976306	0.2307692	0.3529677	-2.5205113
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6525000000	0.994837674	0.20943951	-15.2644429	-5.906820678	-11.97186099	-5.199192038	0.1724955	0.5065927	0.2520037	0.549592	-2.6113523
6525000000	0.994837674	0.261799388	-16.3274704	-4.609306199	-9.996581482	-4.470953405	0.1526253	0.5882131	0.3163522	0.5976574	-1.6454374
6525000000	0.994837674	0.314159265	-14.67714753	-3.13519537	-8.828234368	-4.29947855	0.1845621	0.679012	0.3618997	0.6095735	-0.6628696
6525000000	0.994837674	0.366519143	-14.43592164	-1.688179624	-8.407209464	-4.398860777	0.1897597	0.8233624	0.379874	0.6026386	-0.0189793
6525000000	0.994837674	0.41887902	-14.05776701	-0.398434509	-7.530252159	-4.151077255	0.1982037	0.9551647	0.4202303	0.6200777	0.8028515
6525000000	0.994837674	0.471238898	-12.81749159	-0.066558058	-5.67264478	-3.284594249	0.2286259	0.9923665	0.5204353	0.6851257	1.6791974
6525000000	0.994837674	0.523598776	-10.74361874	-0.551322563	-3.668888257	-2.202737605	0.2902813	0.9384991	0.6554742	0.7760025	2.4778723
6525000000	0.994837674	0.575958653	-9.039793585	-0.298242358	-2.547419683	-1.372437385	0.3531916	0.9662464	0.7458114	0.8538432	3.2843574
6525000000	0.994837674	0.628318531	-8.055941277	0.71613433	-2.274641393	-0.931399608	0.3955514	1.0859422	0.7696051	0.8983173	3.9440022
6525000000	0.994837674	0.680678408	-6.802967863	0.811460021	-1.873116953	-0.725308139	0.456932	1.0979258	0.8060169	0.9198872	2.9889486
6525000000	0.994837674	0.733038286	-5.634060134	-0.040501549	-0.6406524	-0.507080879	0.5227536	0.9953497	0.9288966	0.9432916	4.5841363
6525000000	0.994837674	0.785398163	-5.466154768	0.410038852	0.758722072	-0.1665989051	0.5329571	1.0483395	1.0912798	0.9809583	2.2843574
6525000000	0.994837674	0.837580401	-5.81964457	2.344797888	1.385927376	0.220589738	0.5117028	1.3099053	1.1729956	1.0257216	6.0646237
6525000000	0.994837674	0.890171919	-5.253366255	3.50202514	1.149690737	0.557756121	0.5461748	1.4965845	1.1415227	1.0663206	5.6484103
6525000000	0.994837674	0.942477796	-3.865685003	3.352724677	0.862355884	0.836824325	0.64079	1.4710798	1.1043781	1.1011366	6.6838149
6525000000	0.994837674	0.994837674	-2.62932148	2.531813239	1.434106706	1.078951184	0.738812	1.3384146	1.1795201	1.1322636	8.626732
6525000000	0.994837674	0.994719755	-1.854864165	2.339014451	2.515617013	1.237324969	0.8077125	1.3090334	1.3359212	1.1530981	7.2453459
6525000000	0.994837674	1.099557429	-1.685115908	2.943461165	3.083931706	1.218167322	0.8236528	1.4033728	1.426253	1.1505576	7.6111641
6525000000	0.994837674	1.151917036	-2.050120806	3.258393922	2.763125704	1.005115801	0.7897579	1.455519	1.3745365	1.1267995	7.4969924
6525000000	0.994837674	1.204277184	-2.371240786	2.866770544	2.032094731	0.746802011	0.7610934	1.3910365	1.2635858	1.0897382	7.0542578
6525000000	0.994837674	1.254637061	-2.070411832	2.139278057	1.754524687	0.67753465	0.7879151	1.279275	1.2238445	1.081127	6.9332421
6525000000	0.994837674	1.308996939	-1.508179682	1.591085765	2.070959329	0.886223032	0.8406032	1.2010312	1.2692523	1.1074169	6.8845112
6525000000	0.994837674	1.361356817	-1.469813202	1.101918453	2.188515592	1.176302271	0.8443244	1.1352615	1.2865474	1.1450254	6.8704537
6525000000	0.994837674	1.413716694	-2.137294091	0.267745634	1.488656012	1.282604916	0.7818713	1.0313054	1.186951	1.1591249	6.3597062
6525000000	0.994837674	1.466076572	-2.843797396	-0.6335592	0.163114927	1.149209387	0.7207923	0.9295558	1.0189567	1.1414594	5.5998982
6525000000	0.994837674	1.518436449	-2.71193049	-0.608557308	-0.850328014	0.917854863	0.7318187	0.9323353	0.9067417	1.1144572	5.3019082
6525000000	0.994837674	1.570796327	-1.886199493	0.322017213	-0.97072543	0.738598468	0.8048038	1.0377694	0.8942598	1.0887544	5.633628
6525000000	0.994837674	1.623156204	-1.323116722	1.078823847	-0.91901984	0.57013744	0.8587053	1.132247	0.8995991	1.0678417	5.9297786
6525000000	0.994837674	1.675516082	-1.576160925	1.156079544	-1.631365431	0.180644997	0.8304497	1.1423626	0.8287656	1.0210153	5.6347382
6525000000	0.994837674	1.72787596	-2.458849137	0.640523624	-0.753838427	-0.575384627	0.7534554	1.0765301	0.6838467	0.935854	7.3449917
6525000000	0.994837674	1.780235837	-3.393769193	-0.281174338	-5.101384612	-1.565498866	0.6765681	0.968147	0.5558156	0.8350742	6.324305
6525000000	0.994837674	1.832595715	-4.071634822	-1.773890774	-5.966992752	-2.45363525	0.6257751	0.8152775	0.5030954	0.7539078	6.2004186
6525000000	0.994837674	1.884955592	-4.586854609	-4.544800549	-6.403050002	-2.976953108	0.5897355	0.5925977	0.4784634	0.7098267	4.1766513
6525000000	0.994837674	1.93731547	-4.83906199	-9.916557398	-3.187639324	-3.187639324	0.5728579	0.3192803	0.4272757	0.6982162	0.0529525
6525000000	0.994837674	1.989673574	-4.897897988	-12.32545748	-6.65008767	-3.398951038	0.5689906	0.2419508	0.3693989	0.6761646	-0.6466775
6525000000	0.994837674	2.042053225	-5.259594489	-6.514205985	-8.567424061	-3.910983233	0.5457833	0.472378	0.3729313	0.6374569	0.1231126
6525000000	0.994837674	2.094395102	-5.485707429	-3.826285896	-7.854605349	-4.779001541	0.5315787	0.6437033	0.4048272	0.5768328	0.6568942
6525000000	0.994837674	2.146754988	-5.01136067	-3.6127574	-7.998312611	-5.641842562	0.5616063	0.6597238	0.3981841	0.5222854	0.5949765
6525000000	0.994837674	2.199114485	-4.86323163	-5.679192601	-8.435056234	-5.709464997	0.5712661	0.5200443	0.378658	0.518235	0.0513835
6525000000	0.994837674	2.251477538	-5.285007407	-9.489892283	-8.784827315	-4.89426609	0.5441888	0.3353555	0.3637128	0.5692286	-0.855108
6525000000	0.994837674	2.303834613	-5.311857891	-8.338554283	-10.01532277	-4.257495188	0.5425092	0.3828885	0.3156704	0.612527	-0.6603026
6525000000	0.994837674	2.35619449	-5.69876565	-5.108816851	-10.73150559	-4.573784787	0.5188738	0.5553403	0.2906864	0.5906236	-0.195337
6525000000	0.994837674	2.408554368	-7.601522042	-4.207618624	-8.773705851	-5.951313284	0.4167963	0.6160544	0.3641788	0.5040044	-0.4400822
6525000000	0.994837674	2.460914245	-8.647727622	-5.225164541	-7.888790479	-5.769512107	0.3694993	0.5479511	0.4032371	0.4183323	-1.2144952
6525000000	0.994837674	2.513271423	-8.225080283	-6.903470905	-9.095953799	-7.820435123	0.3879234	0.4516754	0.3509153	0.406423	-1.9544837
6525000000	0.994837674	2.565634	-9.623432146	-7.322866796	-9.614218095	-7.18543105	0.330239	0.4303885	0.3305895	0.4372486	-2.335508
6525000000	0.994837674	2.617993878	-9.732579408	-7.093532146	-9.09285793	-7.0811852	0.3261152	0.4418994	0.3510404	0.442528	-2.1294987
6525000000	0.994837674	2.670353756	-8.330830927	-7.42207442	-10.78067384	-7.775644585	0.3832291	0.4254968	0.2890456	0.4085244	-2.4623957
6525000000	0.994837674	2.722713633	-								

6525000000	1.047197551	-1.204277184	5.473962888	-3.18571605	0.654640961	-1.21781725	1.8780111	0.6929696	1.0782812	0.8691788	7.0791719
6525000000	1.047197551	-1.151917306	5.530963647	-2.656816355	1.216744585	-1.526918565	1.8903759	0.736447	1.1503692	0.8387916	7.2647419
6525000000	1.047197551	-1.099557429	4.562539522	-2.451831022	0.975598565	-1.936010899	1.6909352	0.7540644	1.1188708	0.8002017	7.6772384
6525000000	1.047197551	-1.047197551	3.082476862	-3.014762625	0.033913198	-2.492915396	1.4260142	0.7067436	1.003912	0.7505061	5.7720839
6525000000	1.047197551	-0.994837674	2.868570064	-3.838342529	-0.738400291	-3.184203921	1.3913247	0.6428104	0.9185018	0.6930903	5.7250383
6525000000	1.047197551	-0.942477796	3.817666621	-3.823958805	-0.567745194	-3.823395939	1.55197	0.6438757	0.9367264	0.6439175	5.5211659
6525000000	1.047197551	-0.890177919	4.169815442	-3.23866087	0.0148991	-4.03460015	1.6161839	0.6887585	1.0017168	0.6284489	5.8785343
6525000000	1.047197551	-0.837758041	3.487039912	-3.162819555	0.104309901	-3.636509795	1.4940048	0.6947987	1.0120815	0.6579222	5.7084617
6525000000	1.047197551	-0.785398163	2.259467702	-3.916768675	-0.395720821	-3.033844191	1.2970998	0.6370325	0.9554632	0.7501927	5.092866
6525000000	1.047197551	-0.733038286	1.18038837	-5.21121267	-0.832787663	-2.78071621	1.1455642	0.5487747	0.9085747	0.7260461	4.4255693
6525000000	1.047197551	-0.680678408	0.246372662	-6.530987302	-0.753268993	-3.142733923	1.0287708	0.4714663	0.9169308	0.6964069	3.8445859
6525000000	1.047197551	-0.628318531	-1.026288875	-7.305784686	-0.602277186	-4.102880808	0.8885575	0.4312318	0.9330097	0.6235268	3.1561652
6525000000	1.047197551	-0.575958653	-2.584219188	-7.098648413	-1.041713891	-5.470664217	0.7426583	0.4416392	0.886891	0.5326805	2.2920827
6525000000	1.047197551	-0.523598776	-3.22556246	-6.355938251	-2.155795861	-7.014675565	0.6897979	0.4810643	0.7802077	0.4459295	1.5727584
6525000000	1.047197551	-0.471238898	-2.504991752	-5.951528732	-3.277174761	-8.46816965	0.7496434	0.5039919	0.6857112	0.3772172	1.2756102
6525000000	1.047197551	-0.41887902	-2.129863297	-6.2469499	-3.775487365	-9.363368309	0.7825405	0.4871386	0.6474789	0.3402762	1.0517021
6525000000	1.047197551	-0.366519143	-3.05131688	-7.096308148	-4.113237967	-9.607468537	0.7037755	0.4417582	0.622786	0.3308465	0.4023365
6525000000	1.047197551	-0.314159265	-4.820612569	-8.149938453	-5.28089597	-9.861576469	0.574076	0.3912939	0.5444465	0.3213077	-0.7662443
6525000000	1.047197551	-0.261799388	-5.691924535	-9.417277652	-7.57115482	-10.36563503	0.5192826	0.3381708	0.4182561	0.3031924	-2.0534973
6525000000	1.047197551	-0.20943951	-5.266378254	-10.81181214	-10.5135357	-9.2809711018	0.5453572	0.2881102	0.3277787	0.2980199	-2.7388507
6525000000	1.047197551	-0.157079633	-5.035945692	-10.07495264	-10.75306761	-9.924423373	0.5600189	0.3135107	0.2899657	0.3189913	-2.6007842
6525000000	1.047197551	-0.104719755	-5.724061006	-7.916770833	-12.78080674	-9.063268478	0.5173649	0.4019402	0.2295935	0.3522383	-2.4921937
6525000000	1.047197551	-0.052359878	-7.535942242	-7.06355145	-17.61695616	-8.402230735	0.4199551	0.4434273	0.1315686	0.3800918	-3.5242757
6525000000	1.047197551	-4.44E-16	-10.05033005	-6.832429302	-17.53426539	-8.017968247	0.3144007	0.4553848	0.1328271	0.3972845	-3.7424205
6525000000	1.047197551	0.052359878	-10.96068983	-5.620918232	-13.76636639	-7.721157252	0.2831167	0.5235451	0.2049659	0.4110949	-2.7388507
6525000000	1.047197551	0.04719755	-10.46371303	-4.83542709	-13.14125407	-7.22010799	0.2997881	0.5730977	0.2202608	0.4355065	-2.3344214
6525000000	1.047197551	0.150779633	-11.63370946	-5.589772943	-13.45251017	-6.339644315	0.262008	0.5254258	0.2125076	0.9924295	-2.6041699
6525000000	1.047197551	0.20943951	-14.85999192	-6.181830146	-12.36101417	-5.308640056	0.1807176	0.4908045	0.2409624	0.5427102	-2.7621781
6525000000	1.047197551	0.261799388	-15.88575644	-4.773186987	-10.34763096	-4.580911355	0.1605877	0.577219	0.3038215	0.5901392	-1.7674353
6525000000	1.047197551	0.314519265	-15.09365902	-3.227670866	-9.168891092	-4.336006772	0.159207	0.6896305	0.3479809	0.6070153	-0.8165596
6525000000	1.047197551	0.366519143	-15.22072392	-1.881474734	-8.73044791	-4.254157434	0.173366	0.8052417	0.3659976	0.6127624	-0.1877515
6525000000	1.047197551	0.41887902	-14.22312362	-0.636369217	-7.796521298	-3.728002294	0.1944661	0.9235458	0.4075435	0.6510923	0.7580579
6525000000	1.047197551	0.471238898	-12.18628311	-0.190042533	-5.880397581	-2.615684048	0.2458588	0.9783582	0.5081362	0.7399729	1.841515
6525000000	1.047197551	0.523598776	-10.08735101	-0.442095712	-3.793399117	-1.404121059	0.3130635	0.9503755	0.6461451	0.8507343	2.7985836
6525000000	1.047197551	0.575958653	-8.823951333	0.028893851	-2.597703255	-0.538935684	0.3620782	1.0033321	0.7415063	0.9398385	3.6561059
6525000000	1.047197551	0.628318531	-8.286495324	1.154651306	-2.285378222	-0.143058883	0.3851902	1.1421748	0.7686543	0.9836646	4.29604
6525000000	1.047197551	0.680678408	-7.134749906	1.319766092	-0.075415031	-0.4398074	0.4398074	1.1640947	0.8062896	0.9913551	4.6129519
6525000000	1.047197551	0.733038286	-5.786171461	0.247788379	-0.629637708	-0.066006473	0.5136785	1.0289385	0.9300725	0.9924295	4.7736163
6525000000	1.047197551	0.785398163	-5.418631193	-0.080845428	0.770038358	0.084880734	0.5358811	0.9907355	1.0927025	1.0098022	5.154727
6525000000	1.047197551	0.837758041	-5.715759606	1.660816236	1.39476731	0.375727931	0.5178596	1.2107119	1.17419	1.0442065	5.9046793
6525000000	1.047197551	0.89017919	-5.411291618	3.157148549	1.158230439	0.706280875	0.5363341	1.4383263	1.1426455	1.084711	6.4485561
6525000000	1.047197551	0.942477796	-4.279825038	3.507357594	0.86048931	1.034683469	0.6109543	1.4975036	1.1048478	1.1265077	6.7388213
6525000000	1.047197551	0.994837674	-3.033072266	3.171255376	1.423857701	1.358744402	0.7052553	1.4406642	1.1779935	1.1693303	7.303599
6525000000	1.047197551	1.047197551	-2.060899808	3.018068891	2.973725171	1.629875517	0.7887784	1.415499	1.3325657	1.2604067	7.5008835
6525000000	1.047197551	1.099557429	-1.6462045	3.244029084	3.070761521	1.764667596	0.827351	1.4527854	1.2409291	1.2252475	7.8354626
6525000000	1.047197551	1.151917306	-1.785877657	3.239872259	2.778127379	1.742512811	0.8141532	1.4529083	1.3769126	1.2221532	7.721609
6525000000	1.047197551	1.204277184	-1.951531777	2.705463497	2.080449244	1.67083067	0.7987731	1.3654417	1.2706398	1.2121086	7.3227848
6525000000	1.047197551	1.256637061	-1.627345334	1.96937839	1.818546166	1.709024463	0.8291493	1.254495	1.2328985	1.2174502	7.1090169
6525000000	1.047197551	1.30896939	-1.121912325	1.495607861	1.35500014	1.889791101	0.878829	1.1879014	1.2787187	1.2430527	7.1218182
6525000000	1.047197551	1.361356817	-1.123672495	1.1390562	2.268167122	2.034843338	0.8786509	1.1401259	1.2983996	1.2639857	7.1989133
6525000000	1.047197551	1.413716694	-1.80551815	0.488937494	1.608481275	1.928236954	0.8123143	1.0579055	1.2034389	1.248567	6.936549
6525000000	1.047197551	1.466076572	-2.567694933	-0.290663335	0.318918544	1.541147487	0.7440726	0.9670899	1.0373992	1.1941459	5.8952913
6525000000	1.047197551	1.518436449	-2.598739355	-0.460051069	-0.711882252	1.032000251	0.7414178	0.9484129	0.9213102	1.1261598	5.430561
6525000000	1.047197551	1.570796327	-1.999965573	0.052414044	-0.871071019	0.576486476	0.7943314	1.0060526	0.9045789	1.0686225	5.5144838
6525000000	1.047197551	1.623156204	-1.624272788	0.404351675	-0.799170099	0.159304678	0.8294426	1.0476533	0.9120983	1.0185095	5.5926639
6525000000	1.047197551	1.675516082	-1.996147618	0.068099361	-1.442107034	-0.460922592	0.7946806	1.007871	0.8470219	0.9483177	5.1003609
6525000000	1.047197551	1.72787596	-2.95869967	-0.91871054	-3.081763415	-1.44892131	0.7112242	0.8996311	0.7013129	0.8463577	3.9608808
6525000000	1.047197551	1.780235833	-3.986159267	-2.297480216	-4.95624785	-2.668129338	0.6319636	0.7675841	0.5651811	0.7355184	2.6074704
6525000000	1.047197551	1.832595715	-4.770442567	-4.151036445	-5.87823918	-3.806452393	0.5774015	0.6208006	0.5135808	0.6451748	1.4237821
6525000000	1.047197551	1.884955592	-5.323988073	-7.289540393	-6.001451271	-4.609033507	0.5417521	0.432039	0.5011035	0.5882316	0.2699159
6525000000	1.047197551	1.93731547	-5.482759043	-12.54533149	-6.80323713	-5.083363705	0.5319393	0.235903	0.4569186	0.55697	-0.1003758
6525000000	1.047197551	1.989675347	-5.354528181	-6.02301395	-8.170834169	-5.548131176	0.5398506	0.29434	0.3903537	0.5279508	-1.1474637
6525000000	1.047197551	2.042035222	-5.386989657	-5.613414626	-8.357736351	-6.295092063	0.5378368	0.5239976	0.3820438	0.484446	-0.3169988
6525000000	1.047197551	2.094395105	-5.145347036	-3.298097245	-7.1854677	-7.1854677	0.5530096	0.6840615	0.4175113	0.4372468	0.3899243
6525000000	1.047197551	2.14675498	-4.436353921	-3.113968882	-7.57033354	-7.474307371	0.6000429	0.6987174	0.4182956	0.4229457	0.5876822
6525000000	1.047197551	2.199114858	-4.286638082	-5.154784698	-7.936092143	-6.599708824	0.6104753	0.5524099	0.4010471	0.4677509	0.136516
6525000000	1.047197551	2.251474735	-4.89482442	-10.30876747	-8.283817442	-5.325823486	0.569192	0.3051839	0.385309	0.5416376	-0.9087704
6525000000	1.047197551	2.303834613	-5.3971950								

6525000000	1.099557429	-1.623156204	2.568764287	-3.525062615	-3.100645891	-1.933154659	1.3441205	0.6664182	0.69979	0.8004649	4.887506
6525000000	1.099557429	-1.570796327	2.347416414	-3.366053301	-2.890263921	-1.899374582	1.3103002	0.6787305	0.7169466	0.803584	4.8844566
6525000000	1.099557429	-1.518436449	2.467045091	-3.075326576	-2.701832828	-1.574401075	1.3284715	0.7299909	1.064618	0.8342187	5.925875
6525000000	1.099557429	-1.466076572	3.151800143	-2.667814556	-0.710237633	-1.050819574	1.4374409	0.735545	0.9214848	0.8860516	5.9782012
6525000000	1.099557429	-1.413716694	3.864507996	-2.362844968	0.151195717	-0.602242051	1.5603621	0.7618294	1.0175594	0.9330134	6.5932051
6525000000	1.099557429	-1.361356817	4.118893112	-2.439436313	0.184872536	-0.407518265	1.6067365	0.7551412	1.0215124	0.9541663	6.7243028
6525000000	1.099557429	-1.308996939	4.102718702	-2.937303188	-0.18017509	-0.472186667	1.6037473	0.7137044	0.9794708	0.9470887	6.5336411
6525000000	1.099557429	-1.256637061	4.429847813	-3.45200401	-0.072768936	-0.673603905	1.6652996	0.6720472	0.9916572	0.9253794	6.5561326
6525000000	1.099557429	-1.204277184	5.084431887	-3.374122283	0.685450438	-0.883784823	1.7956496	0.6781002	1.0821128	0.9032558	6.9643802
6525000000	1.099557429	-1.151917306	5.262885523	-2.793349154	1.292617172	-1.11488105	1.8329232	0.7429909	1.1604618	0.8795407	7.230622
6525000000	1.099557429	-1.099557429	4.444188333	-2.487936087	1.094985375	-1.525280414	1.6680514	0.7509365	1.1343557	0.8389498	6.8332269
6525000000	1.099557429	-1.047197551	3.132368156	-2.858432054	0.19955606	-2.255816878	1.4342287	0.7195789	1.0232407	0.7712748	5.9076537
6525000000	1.099557429	-0.994837674	2.970853936	-3.420952616	-0.532074954	-3.218609594	1.4078056	0.6744541	0.9405811	0.6903503	5.3743461
6525000000	1.099557429	-0.942477796	3.75692078	-3.272826975	-0.350945941	-3.982887873	1.541154	0.6860546	0.9604012	0.6322016	5.6202385
6525000000	1.099557429	-0.890117919	3.85010097	-2.733903479	0.21616433	-0.406955929	1.5577761	0.7299697	1.0251991	0.6259177	5.8868167
6525000000	1.099557429	-0.837758041	2.886266297	-2.784680402	0.295337205	-3.591973433	1.3941622	0.7257148	1.0345866	0.6613043	5.6110392
6525000000	1.099557429	-0.785398163	1.60249552	-3.72385118	-0.158673773	-3.145143561	1.2026099	0.6513395	0.9818979	0.6962141	4.9399651
6525000000	1.099557429	-0.733038286	0.939984041	-5.187528229	-0.456742109	-3.184770826	1.1142925	0.5503305	0.9487743	0.693045	4.366619
6525000000	1.099557429	-0.680678408	0.531117865	-6.538133724	-0.227906606	-3.853621461	1.0630554	0.4710785	0.9741025	0.6416806	3.9453825
6525000000	1.099557429	-0.628318531	-0.382277618	-7.403688147	-0.029848436	-5.057792752	0.9569431	0.4263984	0.9965695	0.5586121	3.3419824
6525000000	1.099557429	-0.575958653	-1.692901306	-7.591478171	-0.530720301	-6.557762589	0.8229149	0.4172786	0.9407278	0.4700152	2.4473865
6525000000	1.099557429	-0.523598776	-2.384643706	-7.163327757	-1.768596312	-8.142297987	0.7599199	0.4383627	0.8157771	0.3916382	1.6042222
6525000000	1.099557429	-0.471238898	-2.066245561	-6.768382866	-3.014067046	-9.681617056	0.7882931	0.458755	0.7068002	0.3280342	1.1452658
6525000000	1.099557429	-0.41887902	-1.990536875	-6.947501025	-3.595288259	-10.75786351	0.7951941	0.4493916	0.6610519	0.2898056	0.8098446
6525000000	1.099557429	-0.366519143	-3.0113116	-7.681931064	-3.976555906	-11.03623458	0.7070244	0.4212957	0.6326624	0.280665	0.1346416
6525000000	1.099557429	-0.314159265	-4.785965279	-8.596654603	-5.165148391	-11.07268182	0.5763705	0.3716784	0.5517503	0.2794898	-0.1056705
6525000000	1.099557429	-0.271799388	-5.769043037	-9.641055091	-7.464064562	-11.14948088	0.5146925	0.3295697	0.4234448	0.2770295	-2.2435122
6525000000	1.099557429	-0.20943951	-5.415164282	-10.6721422	-9.597328312	-10.81329597	0.536095	0.2926799	0.331233	0.287962	-2.805409
6525000000	1.099557429	-0.157079633	-5.090458703	-9.787496372	-10.7406873	-9.97794258	0.5565152	0.3240598	0.2903793	0.3170317	-2.5686228
6525000000	1.099557429	-0.104719755	-5.689097224	-7.812879534	-12.84598524	-9.084384378	0.5194517	0.4067767	0.2278771	0.351383	-2.4670512
6525000000	1.099557429	-0.052359878	-7.506787043	-7.055694513	-17.67266218	-8.423775483	0.4213671	0.4438286	0.1307275	0.3791501	-3.2540827
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6525000000	1.099557429	0.052359878	-10.97870599	-5.638898676	-17.85264326	-7.702712127	0.2825301	0.5224624	0.2029401	0.4119684	-2.9754384
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6525000000	1.099557429	0.15709633	-11.70032797	-5.713273801	-13.79149735	-6.39803432	0.2600061	0.5180078	0.2043738	0.4787384	-2.7268458
6525000000	1.099557429	0.20943951	-14.47178861	-6.445485834	-12.73148046	-5.414974298	0.1889777	0.4761302	0.2309011	0.5361068	-2.9013763
6525000000	1.099557429	0.261799388	-15.45747597	-4.915703624	-10.6385443	-4.669598892	0.1687043	0.5678254	0.2938142	0.5841442	-1.8599029
6525000000	1.099557429	0.314159265	-15.44995784	-3.292184373	-9.432494129	-4.317633872	0.1688504	0.6845273	0.3375789	0.6093007	-1.9787344
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6525000000	1.099557429	0.628318531	-8.262734344	1.45235998	-2.16555891	0.126369091	0.3862454	1.1820014	0.7793288	1.0146551	4.5119052
6525000000	1.099557429	0.680678408	-7.346107846	1.777849829	-1.732370629	0.069578183	0.4292345	1.2271354	0.819184	1.0080427	4.8199572
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6525000000	1.099557429	0.994837674	-3.74969637	3.25510026	1.338540226	1.535960236	0.6494043	1.4546383	1.1666135	1.1934329	6.9740575
6525000000	1.099557429	1.047197551	-2.633617962	2.995944572	2.385588621	1.793895389	0.7384466	1.4118783	1.3160713	1.2294404	7.4135992
6525000000	1.099557429	1.099557429	2.97768099	2.966594659	1.859789594	1.859789594	0.7921827	1.3767033	1.4071155	1.3287666	7.6309034
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6525000000	1.099557429	1.204277184	-2.058281729	1.755868828	2.039742852	1.481953146	0.7890162	1.2240339	1.2646989	1.1860354	6.9734643
6525000000	1.099557429	1.256637061	-1.677955336	1.355447139	1.802157277	1.357231514	0.8243321	1.1688865	1.2305744	1.1691267	6.8344655
6525000000	1.099557429	1.30896939	-1.186891567	1.432585613	1.32762813	1.358345646	0.8722279	1.1793135	1.2783158	1.1692767	7.042077
6525000000	1.099557429	1.361356817	-1.250138657	1.541478693	2.291977525	1.27661465	0.8659505	1.1941914	1.3019637	1.1583259	7.0829977
6525000000	1.099557429	1.413716694	-2.043799743	1.256985751	1.679580759	0.892623978	0.7903328	1.1557111	1.2133303	1.1082333	6.5830895
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6525000000	1.099557429	1.72787596	-4.042571522	-2.604504264	-2.857098655	-2.676857676	0.6278724	0.7409259	0.7196893	0.7347796	2.9944402
6525000000	1.099557429	1.780235837	-5.035648462	-4.659854932	-4.731895848	-3.520169797	0.5600381	0.5847999	0.5799696	0.6667937	1.5351756
6525000000	1.099557429	1.832595715	-5.573126927	-6.968086654	-5.476720049	-4.413733619	0.5264337	0.4483872	0.5323092	0.6016076	0.4596067
6525000000	1.099557429										

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6525000000	1.151917306	-1.466076572	3.726334812	-3.258987503	-0.618880386	-2.090849575	1.5357366	0.6871485	0.9312279	0.7860633	5.8897133
6525000000	1.151917306	-1.413716694	4.28590411	-2.814886847	0.236539789	-1.524284377	1.6372995	0.7231954	1.0276068	0.839046	6.5016431
6525000000	1.151917306	-1.361356817	4.297984125	-2.755696556	0.230013598	-1.271695271	1.6402091	0.7281405	1.026835	0.8638041	6.5655297
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6525000000	1.151917306	-1.047197551	2.878662294	-2.557692252	0.275014131	-2.291902765	1.3929423	0.7442999	1.0321688	0.7680772	5.8851747
6525000000	1.151917306	-0.994837674	2.997108602	-3.063606674	-0.439839415	-3.036851652	1.4120674	0.7027804	0.9506224	0.7049485	5.5071918
6525000000	1.151917306	-0.942477796	3.740835492	-2.98829768	-0.269404352	-3.533353151	1.5383026	0.7089002	0.9704089	0.6657824	5.7636296
6525000000	1.151917306	-0.890117199	3.619331203	-2.554256341	-0.29429541	-3.535624037	1.5169336	0.7452246	1.0344625	0.6656084	5.9381918
6525000000	1.151917306	-0.837758041	2.427822288	-2.683720511	0.370859262	-3.28865714	1.3224861	0.7341993	1.0436214	0.6848055	5.5409751
6525000000	1.151917306	-0.785398163	1.209696821	-3.700950173	-0.031592966	-3.246305267	1.1494361	0.6530591	0.9963731	0.6881526	5.4828912
6525000000	1.151917306	-0.733038286	1.051077334	-5.188624557	-0.18730864	-3.727693798	1.1286359	0.550261	0.9786662	0.6510514	4.3723236
6525000000	1.151917306	-0.680678408	1.085743482	-6.468885765	-0.197154007	-4.823522175	1.1331494	0.4748492	1.0229578	0.5738837	4.0952723
6525000000	1.151917306	-0.628318531	0.403286413	-7.421432917	0.464035017	-6.382131549	1.0475248	0.4255282	1.0548768	0.4796157	3.5436445
6525000000	1.151917306	-0.575958653	-0.835757632	-8.047569792	-0.063263547	-8.046737677	0.908264	0.3959328	0.992743	0.3959708	2.5838388
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6525000000	1.151917306	-0.41887902	-1.924951381	-7.773212161	-3.408194751	-12.00246757	0.8012212	0.4086386	0.6754455	0.2511173	0.5731432
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6525000000	1.151917306	-0.261799388	-5.84363173	-9.839843071	-7.334023442	-11.68835858	0.5102916	0.3221127	0.4298321	0.2603647	-2.3688774
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6525000000	1.204277184	-0.733038286	1.439425048	-5.260872364	-0.060802335	-4.212598908	1.1802425	0.5457031	0.9930243	0.6157013	4.4404603
6525000000	1.204277184	-0.680678408	1.698270878	-6.381629434	0.476884498	-5.698055325	1.2159439	0.4796435	1.0564385	0.5189162	4.2728572
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6525000000	1.204277184	-0.471238898	-1.644364472	-8.688298488	-2.505191087	-12.19733078	0.8275262	0.3677774	0.7494462	0.2455463	0.789457
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6525000000	1.204277184	0.366519143	-17.22733003	-2.489205612	-9.019512266	-3.750864258	0.1376048	0.7508267	0.3540172	0.649317	-0.4832528
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6525000000	1.204277184	0.523598776	-8.176131609	-0.468145917	-3.408706615	-1.095905106	0.3901157	0.9475294	0.6754014	0.8814643	3.2109038
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6525000000	1.361356817	-1.047197551	2.360482759	-5.011435889	-0.156900767	-1.498396605	1.3122728	0.5610614	0.9820983	0.8415505	5.3376169
6525000000	1.361356817	-0.994837674	2.683852338	-5.997284833	-1.194639323	-2.063418875	1.3620486	0.5013439	0.8715013	0.7885497	4.9378743
6525000000	1.361356817	-0.942477796	3.396670543	-5.91778555	-1.20725311	-2.408925341	1.4785415	0.509536	0.8702366	0.7577985	5.1365299
6525000000	1.361356817	-0.8901177919	3.435935678	-5.013870484	-0.689316935	-2.460913176	1.4852405	0.561444	0.9237068	0.7532764	5.3988185
6525000000	1.361356817	-0.837758041	2.698112948	-4.410414952	-0.583101208	-2.572294249	1.3642867	0.6018375	0.9350718	0.7436786	5.2130519
6525000000	1.361356817	-0.785398163	1.973804402	-4.491625678	-0.808537583	-3.086374588	1.2551344	0.5962367	0.9098568	0.7090047	4.7663649
6525000000	1.361356817	-0.733038286	1.995536397	-5.102822209	-0.565918608	-4.081249953	1.2582786	0.5557237	0.9369234	0.6250827	4.5474704
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6525000000	1.361356817	-0.628318531	1.600768958	-7.627531367	0.916941132	-7.094870518	1.2023709	0.4155501	1.1113403	0.4418313	4.0035785
6525000000	1.361356817	-0.575958653	0.159942103	-9.08355585	0.545443292	-8.994836836	1.0185846	0.3514165	1.0648101	0.3550244	2.8909724
6525000000	1.361356817	-0.523598776	-1.499615573	-9.960126947	-0.764619569	-11.21082696	0.8414324	0.3176828	0.9157333	0.2707098	1.4009421
6525000000	1.361356817	-0.471238898	-2.25701232	-10.5981999	-2.173673391	-13.63368671	0.7711687	0.2951821	0.7786035	0.2801209	0.2274969
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6525000000	1.361356817	-0.314159265	-4.58195563	-10.46195563	-4.428181342	-12.28910341	0.5895493	0.2998487	0.6006078	0.2429656	-1.244772
6525000000	1.361356817	-0.261799388	-6.103662036	-9.569329837	-6.654638919	-11.76447385	0.4952413	0.3323024	0.4648021	0.258093	-2.2115068
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6525000000	1.361356817	2.251474735	-8.376220504	-3.210955655	-9.09709144	-10.02397117	0.3812317	0.6909589	0.3508693	0.3153562	-1.2175248
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6525000000	1.361356817	2.35619449	-7.730124055	-9.011704071	-12.16605318	-8.340851598	0.4106708	0.3543356	0.2464321	0.3827872	-3.1393981
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6525000000	1.361356817	2.460914245	-7.517436238	-7.207225067	-13.79230266	-6.556789053	0.4208508	0.4361529	0.2043548	0.5274248	-1.9993065
6525000000	1.361356817	2.513274123	-7.065927099	-6.682122461	-14.04335894	-5.90427149	0.443306	0.4633337	0.1985327	0.5067341	-1.8737633
6525000000	1.361356817	2.565634	-5.956260612	-7.962258794	-14.18194242	-6.565099668	0.5037174	0.3998408	0.1953902	0.4696183	-2.11054
6525000000	1.361356817	2.617993878	-6.059473192	-8.095813881	-10.38201468	-7.729924069	0.4977673	0.3937398	0.3026211	0.4325176	-1.7947399
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6525000000	1.361356817	2.932153143	-8.531943357	-21.75927066	-14.32450325	-14.72328035	0.3744578	0.0816651	0.1922095	0.1835845	-7.6190017
6525000000	1.361356817	2.984513021	-8.171893015	-23.28774862	-17.11861881	-16.61525709	0.3903061	0.0684877	0.1393378	0.1476513	-8.5683515
6525000000	1.361356817	3.036872899	-11.44682655	-18.10521289	-19.85773	-19.93855115	0.2677063	0.1243768	0.1016514	0.10071	-10.538373
6525000000	1.361356817	3.089232776	-16.65183503	-19.36136792	-21.3514332	-20.83117439	0.1470308	0.1072696	0.085591	0.0908743	-13.328521
6525000000	1.361356817	3.141592654	-17.03597988	-21.7437623	-21.05199194	-19.7504508	0.1406698	0.081811	0.0885932	0.1029147	-13.680828
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6525000000	1.413716694	-2.722713633	-9.346207508	-6.88940447	-15.88347303	-9.151112613	0.3409492	0.4524075	0.1606299	0.3486939	-3.7238421
6525000000	1.413716694	-2.670353756	-10.71503225	-7.48987983	-13.28635363	-9.153718646	0.2912382	0.4221881	0.2166119	0.3485893	-3.8857186
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6525000000	1.413716694	-2.460914245	-6.2693216	-7.361925888	-9.66129621	-8.424450996	0.4858855	0.4284535	0.3288026	0.3791207	-1.8181799
6525000000	1.413716694	-2.408554368	-8.14951191	-6.909983726	-10.3493442	-7.708713616	0.3913131	0.4513369	0.3037615	0.4116843	-2.1687165
6525000000	1.413716694	-2.35619449	-10.96691272	-7.140698892	-10.70152443	-7.941991922	0.282914	0.4395063	0.2916915	0.4007748	-3.0061678
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6525000000	1.413716694	-2.199114858	-3.714796338	-7.285536945	-10.20713175	-10.96482534	0.6520189	0.4322382	0.3087759	0.2829819	-1.5350441
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6525000000	1.413716694	-1.466076572	2.275686971	-3.134809266	0.64077704	-2.817575242	1.2995241	0.6970429	1.0765615	0.7229716	5.56651534
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6525000000	1.413716694	-1.30896939	2.561951718	-3.276787465	0.723075657	-1.939548778	1.3430667	0.6857418	1.0868104	0.7998758	6.3551329
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6525000000	1.413716694	-1.151917329	2.948845343	-4.281636761	1.694025104	-1.264305696	1.404243	0.6108269	1.2153497	0.8645393	6.2243909
6525000000	1.413716694	-1.099557406	2.441595257	-4.346765517	1.339768376	-1.095733889	1.3245848	0.6062639	1.1667785	0.8814812	5.9751155
6525000000	1.413716694	-1.047197551	1.705097042	-5.004975388	0.104607762	-1.381628639	1.2168999	0.5620193	1.0121162	0.8529402	5.2109093
6525000000	1.413716694	-0.994837674	1.995180907	-5.666313446	-1.083146736	-1.837915	1.2582271	0.520816	0.88276	0.8092901	4.7887259
6525000000	1.413716694	-0.942477796	2.941488733	-5.384069931	-1.242081344	-2.064011137	1.4030542	0.5380176	0.8667542	0.7884959	5.0965711
6525000000	1.413716694	-0.890117919	3.285550391	-4.54050613	-0.82765149	-2.054082268	1.4597468	0.5928908	0.9091121	0.7893978	5.4628816
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6525000000	1.413716694	-0.628318531									

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6525000000	1.413716694	2.617993878	-6.090528673	-7.420860212	-11.28120426	-6.068732622	0.4959907	0.4255563	0.2728599	0.4972369	-1.4544211
6525000000	1.413716694	2.670353756	-8.930867973	-7.247111265	-9.349997911	-6.87972803	0.3576486	0.4314546	0.3408004	0.4529118	-2.017190
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6525000000	1.413716694	3.036872899	-11.52981775	-18.15975675	-19.78039959	-21.17065764	0.2651607	0.1235982	0.1025605	0.0873911	-10.717314
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6525000000	1.466076572	-2.617993878	-9.92498581	-7.608204011	-11.59923965	-8.690529829	0.319062	0.4164578	0.2604948	0.367683	-3.908654
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6525000000	1.518436449	-2.460914245	-8.347343466	-7.182057158	-10.17048131	-6.499339817	0.3825012	0.4374185	0.3100816	0.4764672	-1.9035158
6525000000	1.518436449	-2.408554368	-10.66229787	-6.744607044	-10.27215906	-6.315590339	0.2930118	0.4600125	0.3064729	0.4833041	-2.2544
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6525000000	1.518436449	-2.094395102	-4.837028168	-6.540032543	-8.008083575	-5.694840555	0.572992	0.4709756	0.3980703	0.5191083	-0.1704003
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6525000000	1.518436449	-1.72787596	-6.672478807	-3.013573053	-2.27909027	-2.968716129	0.4638484	0.7068404	0.7697586	0.7105002	2.4474228
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6525000000	1.518436449	-1.466076572	-1.061								

6525000000	1.518436449	0.942477796	-4.3827516	3.248984389	-1.296899711	-0.374269627	0.6037573	1.4536144	0.8613011	0.9578258	5.7481928
6525000000	1.518436449	0.994837674	-3.705078225	2.220105577	-0.817667051	-1.054991665	0.6527488	1.291235	0.9101577	0.8856261	5.4362924
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6525000000	1.518436449	1.675516082	-2.222930757	-8.549664755	-1.325251329	-4.743104325	0.7742005	0.3736945	0.8584943	0.5792216	2.306064
6525000000	1.518436449	1.72787596	-3.328190128	-8.340828773	-2.347741873	-5.015492293	0.6816956	0.3827882	0.7631553	0.5613392	1.5436442
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6525000000	1.570796327	1.256637061	-2.783036477	2.1684264	1.694417621	1.943375951	0.7258522	1.2835752	1.2154046	1.2507451	6.9963809
6525000000	1.570796327	1.308996939	-1.88264751	2.504536903	2.187980147	2.174273606	0.805133	1.3342182	1.2864681	1.2844396	7.4402955
6525000000	1.570796327	1.361356817	-1.677585344	2.395657136	2.373010072	2.057260715	0.8243673	1.3175978	1.3141668	1.2672521	7.4644652
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6525000000	1.623156204	2.617993878	-8.383999171	-9.171345899	-15.21440784	-10.57657669	0.3808904	0.3478826	0.1734921	0.2959179	-4.501374
6525000000	1.623156204	2.670335756	-12.20980899	-10.8482074	-13.10229069	-8.467825515	0.2451938	0.2868069	0.2212511	0.3772322	-4.9535112
6525000000	1.623156204	2.722713633	-15.95046287	-12.66124136	-15.33345015	-7.69679459	0.1593958	0.2327759	0.1711305	0.4122496	-6.2355932
6525000000	1.623156204	2.775073511	-11.75975662	-13.28221797	-19.54037317	-8.615077721	0.2582333	0.2167151	0.1054342	0.3708908	-6.4544935
6525000000	1.623156204	2.827343388	-10.94263893	-14.01937043	-16.88578763	-10.55741362	0.2837057	0.1990818	0.1431234	0.2965714	-6.4241392
6525000000	1.623156204	2.879793266	-10.81564502	-16.27522129	-16.44712518	-13.10922051	0.2878841	0.1535462	0.1505372	0.2210747	-7.8183389
6525000000	1.623156204	2.932153143	-8.88941448	-20.84512911	-17.62996292	-17.20232931	0.3593596	0.0907285	0.1313717	0.1380014	-8.8804523
6525000000	1.623156204	2.984513021	-8.855757166	-21.08417304	-17.96284942	-24.41816602	0.3607548	0.0882656	0.1264322	0.0601301	-9.9571599
6525000000	1.623156204	3.036872899	-12.28586623	-17.98189198	-19.52035404	-23.70413682	0.2430562	0.1261553	0.1056774	0.065282	-11.369977
6525000000	1.623156204	3.089232776	-17.53727131	-19.97112761	-21.07168639	-21.42845196	0.1327812	0.100333	0.088027	0.0848354	-13.850583
6525000000	1.623156204	3.141592654	-17.03598016	-21.74376234	-21.05199196	-19.75045108	0.1406698	0.081811	0.0885932	0.1029147	-13.680828
6525000000	1.675516082	-3.141592654	-17.03598002	-21.74376246	-21.05199153	-19.7504508	0.1406698	0.081811	0.0885932	0.1029147	-13.680828
6525000000	1.675516082	-3.089232776	-17.54943139	-14.3865144	-22.67166446	-16.64405721	0.1325954	0.1881798	0.0735219	0.1471625	-11.340621
6525000000	1.675516082	-3.036872899	-18.88692294	-10.57982361	-20.83808437	-13.37342618	0.1136721	0.2958703	0.0908021	0.2144513	-8.93772618
6525000000	1.675516082	-2.984513021	-17.36719583	-8.614985611	-17.47248085	-10.64855508	0.1354067	0.3708948	0.1337753	0.2934758	-6.6178243
6525000000	1.675516082	-2.932153143	-16.44249196	-7.642895346	-16.4895801	-9.30497002	0.1506175	0.4148157	0.1498032	0.3425717	-5.532462
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6525000000	1.675516082	-2.722713633	-								

6525000000	1.675516082	-0.314159265	-4.479950404	-7.083292514	-3.860931978	-13.74292429	0.5970387	0.4424206	0.6411408	0.2055199	-0.5092137
6525000000	1.675516082	-0.261799388	-5.974752724	-6.465525894	-5.567332526	-14.06192633	0.5026462	0.4750329	0.526785	0.1981088	-1.3984861
6525000000	1.675516082	-0.20943951	-5.713538132	-6.317479168	-8.286549335	-12.21606622	0.517992	0.483199	0.3851878	0.2450173	-1.769413
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6525000000	1.675516082	-0.104719755	-5.607612524	-6.743633332	-14.86286591	-9.400005468	0.5243477	0.4600641	0.1806578	0.3388439	-2.4761426
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6525000000	1.675516082	-4.44E-16	-10.05032976	-6.832429012	-17.53426546	-8.017967894	0.3144007	0.4553848	0.1328271	0.3927285	-3.7424203
6525000000	1.675516082	0.052359878	-10.96142535	-5.927201174	-15.48269697	-7.564995998	0.2830927	0.5054055	0.1682152	0.4185528	-3.252865
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6525000000	1.675516082	0.314159265	-11.53507086	-3.617392211	-5.759240367	-4.120169884	0.2650004	0.6593718	0.5152737	0.6222881	0.2648953
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6525000000	1.675516082	0.471238898	-11.21505465	-0.35751662	-1.549273142	-3.383326601	0.2749459	0.959675	0.8366356	0.677382	2.7617526
6525000000	1.675516082	0.523598776	-8.624623838	-0.482128042	-0.194550268	-2.250070457	0.3704834	0.9460054	0.9778506	0.7717853	3.7111961
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6525000000	1.675516082	0.733038286	-6.018701922	1.709005656	-1.228612831	0.398577309	0.5001093	1.2174476	0.8680992	1.046957	5.1837831
6525000000	1.675516082	0.785398163	-4.986647782	2.404480332	-0.420819316	1.033288527	0.5632064	1.3189369	0.9527063	1.1263268	5.9358838
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6525000000	1.675516082	0.890117919	-4.983212463	2.252600637	-0.090695547	1.387069126	0.5634292	1.2960747	0.9896126	1.1731498	6.0688165
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6525000000	1.675516082	1.099557429	-4.700328037	0.463249152	2.534725742	1.848079323	0.5820812	1.0547814	1.3388635	1.2370976	6.4708657
6525000000	1.675516082	1.151917306	-4.687685595	0.478788241	2.525533582	2.062002126	0.5829291	1.0567601	1.3374473	1.2679441	6.5369347
6525000000	1.675516082	1.204277184	-4.293363873	0.63945478	2.245735449	2.014752892	0.6100028	1.0763976	1.2950507	1.2610655	6.5318711
6525000000	1.675516082	1.832595715	-3.522497746	1.066101046	2.354139889	2.25638516	0.666615	1.1305898	1.3113148	1.2966395	6.8586321
6525000000	1.675516082	1.983996939	-2.902958355	1.291802853	2.813360181	2.741678204	0.7158995	1.160353	1.3825091	1.3711467	7.290848
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6525000000	1.675516082	1.93731547	-4.584812074	-2.306147411	-4.225431095	-5.498817794	0.5898742	0.7668186	0.6147923	0.5309567	1.9696972
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6525000000	1.675516082	2.670335756	-13.44269179	-9.576907203	-13.57681578	-11.85196706	0.212748	0.3320127	0.209488	0.2555065	-5.9362799
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6525000000	1.675516082										

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6525000000	1.72787596	1.099557429	-4.257494951	-0.527523351	2.622009758	1.417562889	0.612527	0.9410741	1.3523854	1.1727756	6.1995454
6525000000	1.72787596	1.151917306	-4.314386431	-0.763367374	2.575262695	1.583157264	0.6085282	0.9158654	1.3451265	1.1999354	6.170126
6525000000	1.72787596	1.204277184	-3.821463141	-0.574687199	2.264186685	1.634539541	0.6440608	0.935978	1.2978047	1.2070548	6.2032499
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6525000000	1.780235837	1.308969939	-2.139203487	-0.420823948	2.549621139	2.409233803	0.7816995	0.9527058	1.3411614	1.3196589	6.8390235
6525000000	1.780235837	1.361356817	-2.165301157	-0.212875042	2.716145048	2.477719117	0.7793543	0.9757897	1.367122	1.3301051	6.9512273
6525000000	1.780235837	1.413716694	-2.58548703	-0.646273587	2.223312049	1.766761489	0.7425499	0.9282957	1.2917117	1.2255699	6.4197973
6525000000	1.780235837	1.466076572	-2.955575709	-1.240813524	1.323933685	0.442176304	0.7115759	0.8668805	1.1646534	1.0522255	5.664403
6525000000	1.780235837	1.518436449	-2.93053829	-1.616684195	0.679868946	-0.1012623977	0.71363	0.8301676	1.0814176	0.8899655	4.8983311
6525000000	1.780235837	1.570796327	-2.616847509	-2.067006591	0.502737724	-2.357294895	0.7398738	0.788224	1.0595876	0.7623164	4.4803009
6525000000	1.780235837	1.623156204	-2.440604262	-3.102208589	0.246470779	-4.115804791	0.7550397	0.6996641	1.0287824	0.6226009	3.8236727
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6525000000	1.780235837	1.72787596	-3.516097034	-6.062785121	-1.936401747	-10.79584572	0.6671065	0.4957755	0.8001657	0.2885411	1.0361303
6525000000	1.780235837	1.780235837	-4.414872831	-6.636064634	-3.051500176	-9.275609884	0.6015287	0.4657971	0.7037607	0.3437316	4.4848605
6525000000	1.780235837	1.832595715	-4.867531548	-6.850449621	-3.65059395	-6.201100125	0.5709833	0.454441	0.6568588	0.4891768	0.7165962
6525000000	1.780235837	1.884955592	-4.645377652	-6.795870367	-4.083414469	-4.275385805	0.5857754	0.4573056	0.624927	0.6112667	1.1353331
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6525000000	1.780235837	1.989675347	-4.300937738	-6.973434644	-5.147269404	-2.171014956	0.6094711	0.4480518	0.5528872	0.7788418	1.544639
6525000000	1.780235837	2.042035225	-5.020418543	-8.831015914	-5.895879513	-1.90108988	0.5610209	0.3617839	0.5072313	0.4032583	0.9589691
6525000000	1.780235837	2.094395102	-5.77074709	-11.67799051	-7.066690589	-2.430997368	0.5145915	0.2606781	0.4432671	0.5758753	-0.118444
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6525000000	1.780235837	2.35619449	-9								

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6525000000	1.832595715	-1.466076572	-1.226185783	-2.426185783	-0.033242163	-5.206821763	1.02673	0.7562941	0.9961796	0.5491094	4.4238914
6525000000	1.832595715	-1.413716694	1.183954087	-1.88309301	1.02466553	-5.222594094	1.1639859	0.8050917	1.1252092	0.5481132	5.2071529
6525000000	1.832595715	-1.361356817	1.782763453	-1.675272708	1.092719175	-5.597828614	1.2278298	0.8245868	1.1340598	0.5249387	5.3701961
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6525000000	1.832595715	-1.256637061	2.024710438	-1.788097043	-0.066520761	-7.00701144	1.262512	0.8139452	1.0527519	0.4463232	5.0462104
6525000000	1.832595715	-1.204277184	2.267684691	-1.591481456	1.19817627	-6.067723228	1.2983274	0.8325799	1.1479126	0.4972947	5.5203035
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6525000000	1.832595715	1.413716694	-2.596164628	-1.03757423	1.802271531	2.465377363	0.7416376	0.8874038	1.2305906	1.3282165	6.4192193
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6525000000	1.832595715	1.675516082	-2.485914102	-2.439840591	-1.166770104	-3.769341338	0.7511113	0.7551061	0.874302	0.6479372	3.6038272
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6525000000	1.884955592	-1.308996939	1.562048059	-2.505030361	0.169399332	-4.898291548	1.1970227	0.74946	1.0196942	0.5689648	4.947537
6525000000	1.884955592	-1.256637061	1.680862776	-2.401938076	-0.00445988	-4.663974042	1.2135094	0.7584083	0.9994883	0.4751178	4.7270257
6525000000	1.884955592	-1.204277184	1.922357108	-1.951535813	-0.713729171	-7.032520929	1.2477221	0.7987727	1.0856416	0.4450143	5.0501464
6525000000	1.884955592	-1.151917306	2.05893334	-1.38160478	1.477078679	-5.839666372	1.2674962	0.8529425	1.18537	0.5105246	5.6123261
6525000000	1.884955592	-1.099557429	1.886985934	-1.075148891	1.4225056	-4.362409131	1.2426514	0.8835732	1.1779457	0.605173	5.8214763
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6525000000	1.93731547	-4.44E-16	-10.05033005	-6.832429185	-17.53426532	-8.01796776	0.3144007	0.4553848	0.1328271	0.3972845	-3.7424203
6525000000	1.93731547	0.052359878	-10.72477861	-6.118161255	-16.60234635	-7.555823257	0.2909116	0.4944153	0.1478709	0.418995	-3.3998269
6525000000	1.93731547	0.104719755	-11.29917445	-5.073131214	-17.85167855	-7.017826661	0.272296	0.5576265	0.1280608	0.4457678	-3.0747978
6525000000	1.93731547	0.157079633	0.1376700667	-4.256426818	-16.42447715	-6.113659356	0.2049508	0.6126024	0.1509302	0.4946768	-2.7147628
6525000000	1.93731547	0.20943951	-16.82538291	-3.925733519	-10.99841791	-5.136570504	0.1441222	0.6363753	0.2818896	0.5535686	-1.8520105
6525000000	1.93731547	0.261799388	-13.73741128	-3.983290687	-17.13200694	-4.140588887	0.2056503	0.6321723	0.4399463	0.6208269	-0.4515949
6525000000	1.93731547	0.314159265	-10.93634299	-4.096540594	-9.424091958	-3.266997678	0.2839114	0.6239833	0.5672773	0.6865151	0.6252663
6525000000	1.93731547	0.366519143	-10.20128869	-3.804073659	-7.30788527	-3.096056565	0.3089837	0.6453515	0.6525379	0.7001598	1.2404758
6525000000	1.93731547	0.41887902	-10.12080793	-2.946893132	-3.001421513	-3.707860853	0.3118599	0.7122875	0.7078299	0.6525397	1.5274091
6525000000	1.93731547	0.471238898	-0.938881259	-1.899812555	-2.374871875	-3.486181827	0.3532287	0.8035435	0.7607753	0.669408	2.2351791
6525000000	1.93731547	0.523598776	-7.447288244	-1.0614323	-1.704143531	-1.469371054	0.4242634	0.8849697	0.8218055	0.8434367	3.5405064
6525000000	1.93731547	0.575958653	-6.524797698	-0.579128541	-1.373024769	0.276582139	0.4718024	0.9354995	0.8537855	1.0323551	3.3242017
6525000000	1.93731547	0.628318531	-6.509003879	-0.448093229	-1.431985286	0.775693289	0.472661	0.9497195	0.8480095	1.0934142	5.0616013
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6525000000	1.93731547	0.785398163	-6.929004349	-0.913830517	0.789249496	1.947259898	0.4503496	0.9001367	1.0951219	1.2513045	3.5368184
6525000000	1.93731547	0.837758041	-5.704586924	-0.653877997	1.218058053	3.214000232	0.5185261	0.9274833	1.1505341	1.4477715	6.116319
6525000000	1.93731547	0.890117919	-4.281918112	-0.22901523	0.868565764	3.612462634	0.6108071	0.9739782	1.105168	1.5517282	6.4561276
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6525000000	1.93731547	1.047197551	-1.315505715	1.905558184	1.11702024	3.127649222	0.8594581	1.2453112	1.1372371	1.4334497	7.3758798
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6525000000	1.989675347	-2.775073511	-9.244275149	-9.433013853	-13.3058517	-9.443843506	0.3449739	0.3375587	0.2161261	0.3371381	-4.1816585
6525000000	1.989675347	-2.722713633	-8.245206445	-9.598064008	-13.17195906	-8.806584439	0.3870256	0.3312049	0.2194836	0.6280249	-3.7382729
6525000000	1.989675347	-2.670353756	-6.873129917	-10.88636366	-12.29165864	-9.736055336	0.4532559	0.2855498	0.2428894	0.4010488	-3.2057349
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6525000000	1.989675347	-2.565634	-6.081486117	-11.97247297	-14.8612286	-5.649685907	0.4965074	0.251986	0.1806919	0.521814	-2.7872567
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6525000000	1.989675347	-2.460914245	-6.500372729	-8.176793051	-15.00382823	-5.410428607	0.473131	0.390086	0.1777496	0.5363874	-2.0620169
6525000000	1.989675347	-2.408554368	-6.968548879	-8.277845385	-14.60767504	-4.843737091	0.4483039	0.385574	0.1860442	0.5725496	-1.9791648
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6525000000	1.989675347	-2.094395102	-13.81795366	-4.847107635	-9.098919799	-5.470006329	0.2037522	0.5723275	0.3507955	0.5327208	-1.6205521
6525000000	1.989675347	-2.042035225	-12.01742019	-3.938363299	-9.094765222	-5.814968845	0.2506854	0.6354507	0.3509633	0.5119783	-1.164448
6525000000	1.989675347	-1.989675347	-1.989675347	-3.349431654	-8.966154263	-6.058478425	0.2888125	0.6800305	0.3561987	0.4978243	-0.8055051
6525000000	1.989675347	-1.93731547	-9.281169178	-3.250265411	-8.381878166	-6.131372189	0.3435117	0.6878389	0.3809834	0.4936639	-0.4181513
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6525000000	2.042035225	-2.565634	-7.785028729	-13.1956314	-14.20278457	-5.188060453	0.4080831	0.2188862	0.194922	0.5502968	-3.2723274
6525000000	2.042035225	-2.513274123	-8.093489377	-10.77605469	-13.86017183	-5.166328124	0.3938452	0.2891993	0.2027643	0.5516754	-2.8685388
6525000000	2.042035225	-2.460914245	-8.136092447	-8.39212331	-13.78134499	-5.382022179	0.3919182	0.3805343	0.2045704	0.5381445	-2.4113879
6525000000	2.042035225	-2.408554368	-7.800624373	-7.650629603	-13.09175926	-5.047442884	0.407351	0.4144465	0.2215195	0.5592782	-2.92123
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6525000000	2.094395102	-0.890117919	2.623505393	-1.43780897	-1.03805383	-2.679922912	1.3526183	0.8474412	0.9842316	0.7345204	-5.8424875
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6525000000	2.251474735	-2.617993878	-5.063035232	-7.680143956	-12.74341465	-6.446261696	0.5582751	0.4130407	0.2305841	0.4706708	-1.5248258
6525000000	2.251474735	-2.565634	-5.289754295	-7.890253672	-13.60166248	-6.679023366	0.5438915	0.4031692	0.208896	0.463499	-1.8335258
6525000000	2.251474735	-2.513274123	-5.67723561	-8.861544498	-11.96952289	-7.584073746	0.5201615	0.3605145	0.2520716	0.4176344	-2.2118252
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6525000000	2.251474735	-2.042035225	-9.901013329	-3.066525609	-8.848242784	-3.220286476	0.3198522	0.7025443	0.3610671	0.6902017	-1.3412374
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6525000000	2.251474735	-1.832595715	-4.467675334	-1.765285768	-5.213361848	-3.183813778	0.597883	0.8160856	0.5486961	0.6931214	2.4632622
6525000000	2.251474735	-1.780235837	-3.301776654	-1.634300904	-3.994698726	-3.477601422	0.6837718	0.8284856	0.6313426	0.7600696	2.9648618
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6525000000	2.251474735	1.72787596	-3.693814819	-0.827258715	-5.706056521	-0.595548319	0.6576719	0.9091532	0.5184384	0.9337327	3.5766514
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6525000000	2.303834613	0.994837674	-1.646438085	2.095865642	0.748026469	2.171361747	0.8273287	1.2728971	1.0899368	1.2840091	6.9936529
6525000000	2.303834613	1.047197551	-0.702223815	2.531566559	1.588253739	2.914371768	0.9223353	1.3383766	1.2066397	1.3986807	7.7121831
6525000000	2.303834613	1.099557429	-0.129144601	2.554004374	2.148538763	3.766189162	0.9852417	1.3418384	1.2806396	1.5427994	8.2162401
6525000000	2.303834613	1.151917306	0.108386879	2.312319228	1.934587763	3.947942258	1.0125567	1.3050164	1.2494802	1.5754228	8.2028456
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6525000000	2.303834613	1.256637061	0.102348378	2.052461545	0.928973856	3.163383456	1.011853	1.2665522	1.1128809	1.4393591	7.6595029
6525000000	2.303834613	1.308996939	0.067094434	1.943093959	1.171029396	3.29363704	1.0077544	1.2507045	1.1443305	1.4611064	7.7190854
6525000000	2.303834613	1.361356817	-0.05161058	1.5627562	1.249863917	3.51129841	0.9940757	1.1971203	1.1547639	1.4981832	7.6837395
6525000000	2.303834613	1.413716694	-0.417967968	0.970484404	0.565307559	3.336304747	0.9530191	1.1182122	1.0672481	1.4683015	7.2473512
6525000000	2.303834613	1.466076572	-1.070902212	0.481775837	-0.730031189	2.91928298	0.8840053	1.0570336	0.9193871	1.3994718	6.5673838
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6525000000	2.35619449	2.35619449	-9.983921915	-6.306818937	-11.10273097	-3.899243879	0.3168137	0.4837924	0.2785245	0.6383191	-1.3229196
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6525000000	2.35619449	2.617993878	-9.857933015	-8.008706013	-13.66952074	-7.830285409	0.3214425	0.3977083	0.207264	0.4059623	-3.5280558
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6525000000	2.408554368	-2.67033756	-6.993279463	-14.0253779	-13.7						

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6525000000	2.460914245	-0.261799388	-5.051124115	-3.112791286	-4.185441216	-7.844968293	0.5590412	0.6988121	0.6176294	0.4052767	1.1409893
6525000000	2.460914245	-0.20943951	-5.996550434	-4.51063024	-7.382349064	-9.471535334	0.5013863	0.6200788	0.4274473	0.336065	0.5144774
6525000000	2.460914245	-0.157079633	-6.974407311	-5.179269601	-12.80055017	-9.835974117	0.4480017	0.550854	0.2289548	0.3222652	-2.2135922
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6525000000	2.460914245	-0.052359878	-9.188749295	-6.663684785	-17.9961918	-8.621103	0.3471863	0.4643183	0.1259477	0.3706337	-3.6878745
6525000000	2.460914245	-4.44E-16	-10.05032979	-6.832429166	-17.53426556	-8.017968027	0.3144007	0.4553848	0.1328271	0.3972845	-3.7424204
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6525000000	2.513274123	1.151917306	-0.462221946	2.167631275	1.802474763	5.216428804	0.9481759	1.2834578	1.2306193	1.823146	8.4409557
6525000000	2.513274123	1.204277184	-0.684959855	1.710193591	1.266376126	5.290389801	0.9241703	1.2176141	1.1569612	1.8387365	8.1944066
6525000000	2.513274123	1.256637061	-0.754398755	1.498632407	1.186828746	5.004934985	0.9168115	1.1883151	1.1441723	1.77929	8.0083229
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6525000000	2.565634	1.30896939	0.090867472	2.085050431	1.405586265	4.156701575	1.0105164	1.2713131	1.1756534	1.6137456	8.0816638
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6525000000	2.617993878	-1.466076572	2.046073158	-0.978118389	-0.980219369	-2.845277006	1.265621	0.893499	0.9007184	0.7206695	5.530403
6525000000	2.617993878	-1.413716694	2.548536807	-0.242041613	-0.236043435	-1.985776309	1.340994	0.9725186	0.9731904	0.7956301	6.1975689
6525000000	2.617993878	-1.361356817	2.709363505	0.213254421	-0.46547372	-1.792859406	1.366055	1.0248557	0.947821	0.813499	6.3450295
6525000000	2.617993878	-1.308996939	2.585797665	0.569944973	-1.020817724	-2.348813817	1.346759	1.067818	0.8891174	0.7630611	6.1643614
6525000000	2.617993878	-1.256637061	2.425510951	1.115643148	-0.85993929	-2.86868005	1.3221342	1.1370568	0.9134827	0.7187304	6.2168475
6525000000	2.617993878	-1.204277184	2.374921132	1.811294905	0.281370424	-2.480680762	1.314456	1.2318696	1.0329244	0.751564	6.7107907
6525000000	2.617993878	-1.151917306	2.307939085	2.30896827	1.100353964	-1.678838012	1.3043584	1.304513	1.1350571	0.8242484	7.1742583
6525000000	2.617993878	-1.09557429	2.009667477	2.329452055	0.961676549	-1.012553882	1.2603274	1.307593	1.1170788	0.8306103	7.0737278
6525000000	2.617993878	-1.047197551	1.475353828	1.86588705	0.104788531	-2.692481771	1.1851346	1.2396365	1.0121373	0.7334591	6.3482867
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6525000000	2.617993878	-0.890117919	1.040379692	-0.256833469	0.671235886	-3.194905755	1.1272467	0.9708638	1.0803433	0.6922368	5.7351696
6525000000	2.617993878	-0.837758041	1.081700709	-1.037775147	0.462916822	-2.399990317	1.1326221	0.8873833	1.054741	0.7585784	5.6509126
6525000000	2.617993878	-0.785398163	0.761693411	-2.074602712	-0.732585529	-2.500301046	1.0916531	0.787535	0.9191168	0.7481669	4.9753305
6525000000	2.617993878	-0.733038286	0.140473361	-3.253599638	-2.129070656	-4.057226451	1.0163041	0.6875749	0.7826119	0.626814	3.8483382
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6525000000	2.617993878	-0.523598776	-1.840636252	-5.295680009	-5.618907632	-5.061603733	0.8090366	0.5435206	0.5236663	0.5583671	1.7079189
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6525000000	2.617993878	-0.41887902	-3.105132612	-2.786036432	-5.939634421	-6.209882314	0.6994286	0.7256015	0.504682	0.4892219	1.1518804
6525000000	2.617993878	-0.366519143	-3.968318777	-1.894468997	-4.228976348	-6.030803301	0.6332629	0.804038	0.6145414	0.499413	2.1644785
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6525000000	2.617993878	-0.20943951	-7.365451731	-3.050072836	-8.027611434	-8.085198399	0.4282796	0.7038763	0.3968436	0.3942213	-0.3400166
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6525000000	2.617993878	-0.104719755	-8.861916874	-5.552188275	-17.90532275	-8.862270571	0.3604991	0.5277042	0.1272727	0.3604844	-3.2484874
6525000000	2.617993878	-0.052359878	-9.595577631	-6.492851748	-17.19796499	-8.554296238	0.3312998	0.4735408	0.1380708	0.3734953	-3.6327984
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6525000000	2.617993878	1.047197551	0.463580659	3.031496452	1.8158177	2.4351668	1.0548216	1.4776689	1.1859847	1.3236048	9.7276142
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6525000000	2.670353756	-0.628318531	-1.225955721	-4.173073419	-3.269166602	-6.322508751	0.8683648	0.6185094	0.6863437	0.4829193	2.4644104
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6525000000	2.670353756	-0.261799388	-6.581641654	-1.946284345	-4.88903687	-6.282116441	0.4682748	0.7992558	0.5695211	0.4851703	1.2991575
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6525000000	2.670353756	-0.157079633	-8.496611667	-4.011843877	-13.73563287	-8.778000727	0.375984	0.6300976	0.2056925	0.3639898	-2.0707275
6525000000	2.670353756	-0.104719755	-9.103895977	-5.372313128	-17.59611333	-8.769489693	0.3505946	0.5387464	0.1318847	0.3634557	-1.8796959
6525000000	2.670353756	-0.052359878	-9.723851157	-6.430010151	-16.93203528	-8.528855534	0.3264431	0.4769793	0.142511	0.3745909	-3.6056728
6525000000	2.670353756	-4.44E-16	-10.05032954	-6.832429137	-17.53426567	-8.01796827	0.3144007	0.4553848	0.1328271	0.3972845	-3.7424204
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6525000000	2.670353756	0.104719755	-8.625989528	-6.595092492	-20.28306778	-7.793972393	0.3704252	0.4679995	0.0967936	0.4076631	-3.4598469
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6525000000	2.670353756	0.20943951	-7.095282802	-8.195815716	-11.74968315	-6.322572772	0.4418103	0.3892326	0.2585329	0.4829157	-2.0888337
6525000000	2.670353756	0.261799388	-7.259989592	-9.657988127	-8.955348475	-5.350326471	0.4335114	0.3289278	0.3566421	0.5401118	-1.6226613
6525000000	2.670353756	0.314159265	-8.34823124	-9.984230132	-7.361297548	-3.728644088	0.3824621	0.3168024	0.4284845	0.6509802	-1.0184028
6525000000	2.670353756	0.366519143	-10.09875309	-8.389369059	-6.163851736	-2.010274369	0.3126528	0.380655	0.4918214	0.7933892	-0.093798
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6525000000	2.670353756	0.471238898	-8.4808656	-4.768580399	-4.418308287	-1.311951192	0.3766663	0.5775253	0.6012908	0.8598099	1.6387938
6525000000	2.670353756	0.523598776	-6.150450375	-3.775597486	-3.542177653	-1.859759174	0.4925808	0.6474409	0.6651064	0.8072574	3.2104153
6525000000	2.670353756	0.575958653	-4.595649989	-3.099062227	-2.837490055	-1.069230055	0.5891386	0.6999176	0.7213159	0.8841755	3.210141
6525000000	2.670353756	0.628318531	-3.763635553	-2.437899368	-2.954394519	0.247083583	0.648363	0.7552749	0.7502919	1.028855	4.0355456
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6525000000	2.670353756	0.785398163	-2.622656667	-0.256307495	0.338169835	1.307636656	0.7393791	0.9709226	1.0397011	1.1624702	5.8284272
6525000000	2.670353756	0.837758041	-1.968227613	0.318399503	0.985307951	2.976485203	0.7972392	1.0373373	1.1201222	1.4087186	6.7579349
6525000000	2.670353756	0.890117919	-1.396301219	0.930924336	0.788653792	3.825954829	0.8515006	1.1131308	1.0950468	1.5534517	7.2593137
6525000000	2.670353756	0.942477796	-1.603662496	1.603662496	0.384763672	3.442200827	0.8975072	1.1027715	1.0452933	1.483122	7.294554
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6525000000	2.670353756	1.099557429	0.577781515	2.513094744	2.117660947	2.281798941	1.0687819	1.3355338	1.2760951	1.3004389	7.9254687
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6525000000	2.722713633	-2.722713633	-6.427431824	-11.54386024	-21.70780181	-6.905803672	0.4771209	0.2647323	0.0821504	0.4515541	-3.9065973
6525000000	2.722713633	-2.670353756	-5.543454699	-8.724948934	-19.67133942	-7.264889276	0.5282351	0.3662289	0.1038563	0.4323669	-2.9042436
6525000000	2.722713633	-2.617993878	-5.530549293	-8.180683655	-15.784065824	-8.3000995	0.5290205	0.3899113	0.1624788	0.3845874	-2.6979322
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6525000000	2.722713633	-2.513274123	-6.010632015	-11.50974515	-10.786452	-7.702771814	0.5005741	0.2657742	0.2888533	0.411966	-2.691005
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6525000000	2.722713633	-1.989675347	-2.494234624	-9.405289906	-7.953136446	-4.870042383	0.7503921	0.3386379	0.4002609	0.5708183	-0.2572048
6525000000	2.722713633	-1.93731547	-2.164848291	-7.694817124	-7.846268459	-4.717295191	0.7793949	0.4123435	0.405216	0.5809453	0.7401577
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6525000000	2.722713633	-1.832595715	-2.947906487	-5.266698915	-6.314071104	-5.312018195	0.7122044	0.5453371	0.4833886	0.5424992	1.1511518
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6525000000	2.722713633	-0.890117919	-1.137400203	-0.118581715	0.638887441	-2.629690794	0.8772634	0.9864405	1.0763273	0.7387875	5.2935678
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6525000000	2.722713633	0.20943951	-7.136882474	-8.348501884	-11.61275036	-6.493896399	0.4396994	0.3824502	0.262641	0.4734839	-2.1677209
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6525000000	3.036872899	0.733038286	-2.154873807	0.331946738	-1.654965192	1.384014709	0.7802905	1.0389564	0.8265169	1.1727373	5.617585
6525000000	3.036872899	0.785398163	-0.293048542	0.807560035	-0.904922719	2.14028791	0.9668243	1.097433	0.9010603	1.2794237	6.5364247
6525000000	3.036872899	0.84483378	0.84483378	0.860096856	-0.12649107	2.762737082	1.1021525	1.1040909	0.9855427	1.374475	7.170615
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6525000000	3.036872899	0.994837674	-0.191414694	1.20896885	0.446083033	-0.705965065	0.9782036	1.1493422	1.0526989	0.9219381	6.2397001
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6525000000	3.036872899	1.518436499	-3.764398304	-1.967147915	-0.519340389	-4.965367319	0.6483061	0.7973383	0.9419611	0.564588	3.822963
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6525000000	3.089232776	1.989675347	-2.746834566	-4.95737437	-7.00081148	-4.078483502	0.7288838	0.5651078	0.4466419	0.6252819	2.5193837
6525000000	3.089232776	2.042035225	-4.290568488	-7.810090016	-8.252778264	-4.726708688	0.6101991	0.4069073	0.3866883	0.580316	-0.0692814
6525000000	3.089232776	2.094395102	-6.444073762	-9.982262129	-8.731738637	-4.610016096	0.4762076	0.3168742	0.3659427	0.588165	-1.1737997
6525000000	3.089232776	2.14675498	-9.026758222	-8.05810251	-0.839784552	-4.590733771	0.353722	0.3954344	0.3965529	0.5894722	-1.237078
6525000000	3.089232776	2.199114858	-11.04784972	-6.193238016	-7.131070623	-5.6062104	0.2802899	0.4901603	0.4399937	0.5244324	-1.2352298
6525000000	3.089232776	2.251474735	-10.643739	-5.850016509	-7.095471056	-8.734083116	0.2936385	0.5099166	0.4418007	0.3658439	-1.8777363
6525000000	3.089232776	2.303834613	-9.41537748	-6.721553463	-8.443746686	-16.26944265	0.3382448	0.4612351	0.3782794	0.1536483	-3.5347931
6525000000	3.089232776	2.35619449	-9.251643942	-8.25081619	-11.64738053	-12.89873449	0.3446814	0.3867757	0.2615959	0.2264974	-4.2966047
6525000000	3.089232776	2.40854368	-9.682472593	-9.443641985	-16.50791878	-7.671870411	0.3280019	0.3371459	0.1494872	0.4134343	-4.2361423
6525000000	3.089232776	2.460914245	-9.104574312	-9.047755139	-16.93990817	-6.697749379	0.3505672	0.352868	0.1422344	0.4625008	-3.6873135
6525000000	3.089232776	2.513274123	-7.852829968	-7.677604427	-15.1734069	-8.521081563	0.40491	0.4131614	0.1743201	0.3749263	-3.3032101
6525000000	3.089232776	2.565634	-6.915620922	-6.892612542	-14.7690605	-10.52886324	0.451044	0.4522404	0.1826647	0.2975479	-3.2010351
6525000000	3.089232776	2.617993878	-6.267369968	-7.147318515	-15.03531117	-8.643916706	0.4859947	0.4391714	0.1771065	0.3696615	-2.6628331
6525000000	3.089232776	2.670353756	-6.230099345	-7.78588902	-16.53305796	-7.136922119	0.4880845	0.4804262	0.1490552	0.4396974	-2.5867742
6525000000	3.089232776	2.727213633	-7.639752921	-8.007024499	-17.9456878	-7.811002745	0.4149658	0.3977853	0.1266822	0.4086464	-3.4777762
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6525000000	3.089232776	2.827433388	-15.39739127	-9.919495668	-18.08472985	-13.45291047	0.1698754	0.3191723	0.1246705	0.2124978	-7.6787282
6525000000	3.089232776	2.879793266	-17.25889561	-10.15373	-20.43030202	-16.82986685	0.1371056	0.3106801	0.0951667	0.1440478	-9.2814625
6525000000	3.089232776	2.932153143	-20.59143462	-9.050043369	-20.81562599	-23.93154749	0.0934175	0.352775	0.0910369	0.0635949	-10.4456459
6525000000	3.089232776	2.984513021	-24.84912713	-9.240056366	-21.12880796	-22.02697433	0.0572194	0.3451415	0.0878132	0.0791865	-10.912851
6525000000	3.089232776	3.036872899	-22.33026626	-11.59903236	-26.3545286	-16.83830632	0.0764692	0.2630561	0.065658	0.1439079	-11.22771
6525000000	3.089232776	3.089232776	-20.58044754	-16.13998743	-21.94548971	-17.62274388	0.0935357	0.1559555	0.0799329	0.1314809	-12.74837
6525000000	3.089232776	3.141592654	-17.03597996	-21.74376223	-21.05199191	-19.75045085	0.1406698	0.081811	0.0885932	0.1029147	-13.680828
7125000000	0	-3.141592654	-19.13630019	-19.90078167	-14.50141598	-19.67111009	0.1104549	0.1011488	0.1883342	0.1038591	-11.975488
7125000000	0	-3.089232776	-23.96541674	-14.8611334	-17.82566217	-23.44799881	0.0633475	0.1806938	0.1284469	0.0672357	-13.157038
7125000000	0	-3.036872899	-22.15046066	-12.21737741	-23.56216862	-17.44174061	0.0780687	0.2449803	0.0663577	0.1342496	-11.639673
7125000000	0	-2.984513021	-18.3736244	-10.70799005	-21.9058093	-15.19898447	0.1205921	0.2914745	0.0802989	0.1738004	-9.548953
7125000000	0	-2.932153143	-16.43306762	-9.415279381	-16.14751682	-15.13313214	0.150781	0.3382486	0.1558203	0.1715276	-7.7827717
7125000000	0	-2.879739266	-15.08128895	-8.332117726	-12.48606035	-14.18267979	0.1761715	0.3831723	0.2375182	0.1953737	-6.0883032
7125000000	0	-2.827433388	-17.84059631	-8.35974371	-10.47772209	-14.21996735	0.1282243	0.3819555	0.2993049	0.1945367	-5.9857398
7125000000	0	-2.775073511	-19.32944156	-9.429433264	-9.514595259	-17.58025464	0.1080259	0.3376979	0.3344031	0.1321257	-6.8182983
7125000000	0	-2.722713633	-9.420593097	-9.511109633	-16.28488266	-16.28488266	0.2748612	0.3380418	0.3535373	0.1533755	-5.1863078
7125000000	0	-2.670353756	-8.189666858	-8.0125282	-10.47453969	-12.62041144	0.3895082	0.375783	0.2994146	0.238726	-3.7512358
7125000000	0	-2.617993878	-8.014038021	-8.146189768	-12.0719835	-12.18043424	0.3974643	0.3914628	0.2491155	0.	

7125000000	0	-0.20943951	-4.744629087	-10.7224293	-12.98682454	-6.841638984	0.57912	0.2909903	0.224212	0.4549022	-2.218313
7125000000	0	-0.157079633	-4.799034922	-11.92572418	-12.4434085	-5.605838238	0.5755039	0.2533458	0.2386874	0.5244548	-1.9817823
7125000000	0	-0.104719755	-5.325617875	-11.80536935	-11.33468443	-5.588245373	0.5416504	0.2568807	0.2711851	0.5255182	-1.9641077
7125000000	0	-0.052359878	-6.049563155	-9.272444012	-10.78969031	-6.475413426	0.4983355	0.3438569	0.2887457	0.4744925	-1.9087691
7125000000	0	-4.44E-16	-6.40429754	-6.929234951	-9.885710013	-7.705971852	0.4783933	0.4503376	0.3204162	0.4118143	-1.6134086
7125000000	0	0.052359878	-6.301281931	-5.685872301	-9.570711678	-8.220719944	0.4841009	0.5196446	0.3322496	0.3881182	-1.2892842
7125000000	0	0.104719755	-6.199982132	-4.994512216	-10.42094432	-7.800258059	0.4897798	0.5626967	0.3012678	0.4073682	-1.1048575
7125000000	0	0.157079633	-6.195505529	-4.221828809	-10.74273353	-7.209577799	0.4900323	0.6150474	0.2903109	0.4360348	-0.7648156
7125000000	0	0.20943951	-5.924185545	-3.125182372	-9.256934363	-6.692107319	0.505581	0.6978159	0.3444715	0.4628014	0.046215
7125000000	0	0.261799388	-5.295945029	-1.894958885	-7.491258413	-6.21521283	0.543504	0.8039926	0.4221211	0.4682818	1.0559538
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7125000000	0	0.471238898	-4.507927808	-1.999053002	-4.750113883	-4.251983402	0.5951187	0.7944148	0.5787544	0.6129158	2.2158459
7125000000	0	0.523598776	-4.148491312	-1.788629774	-4.01607486	-3.659389882	0.6202624	0.8138952	0.6297907	0.6561914	2.6712242
7125000000	0	0.575958653	-4.003596473	-1.204671771	-3.62433	-3.50502224	0.6306961	0.8704953	0.6588454	0.6679576	3.0089709
7125000000	0	0.628318531	-3.944584852	-0.940836224	-3.66356584	-3.585558934	0.6349957	0.8973424	0.655876	0.6617928	3.0763181
7125000000	0	0.686078408	-3.125888965	-1.22069554	-3.997085993	-2.923373518	0.6977592	0.8688908	0.6311691	0.7142189	3.2633407
7125000000	0	0.733038286	-4.18283653	-1.393146127	-3.699929962	-1.363359446	0.8493483	0.8514099	0.6531358	0.8547361	4.1068759
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7125000000	0	0.837758041	0.1016529566	0.57843695	-1.371534134	0.559209229	1.1241557	1.0688625	0.853932	1.066499	6.263523
7125000000	0	0.890117919	1.236130386	1.113291595	-1.492356697	0.506695914	1.1529395	1.136749	0.8421359	1.0600706	6.427608
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7125000000	0	0.104719755	2.323869308	-0.194131689	0.493789118	2.056283329	1.3067529	0.9778977	1.0584966	1.2671096	7.2539022
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7125000000	0	1.361356817	2.431772332	-2.564901263	1.954033479	1.693541158	1.3230877	0.7443119	1.2522807	1.215282	7.1108734
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7125000000	0	2.14675498	-3.780465161	-13.07128463	-7.830979371	-6.048265786	0.647108	0.2220423	0.4059299	0.49841	-1.0440244
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7125000000	0	2.932153143	-9.49392146	-15.947172794	-13.76278955	-9.762383703	0.3351999	0.1595562	0.2050504	0.3249984	-5.807779
7125000000	0	2.984513021	-10.52123082	-18.62219904	-17.01000646	-11.17637704	0.2978094	0.1171899	0.1410911	0.276173	-7.6153842
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7125000000	0.052359878	-0.4058298215	-4.0589403207	-8.996403207	-4.895094067	-2.815667121	0.6267366	0.3549603	0.5691743	0.7231304	1.115216
7125000000	0.052359878	-0.366519143	-4.806434612	-8.349060623	-6.045307745	-4.214414333	0.5750138	0.3824256	0.4985977	0.6155272	0.3054835
7125000000	0.052359878	-0.314159265	-5.265951186	-8.616315131	-7.941129551	-7.34216826	0.5453841	0.3702838	0.4008146	0.4294296	-1.1779378
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7125000000	0.052359878	-0.20943951	-4.749529195	-10.75849812	-12.7315233	-6.381301404	0.5787934	0.2897845	0.2308999	0.4796616	-2.0521908
7125000000	0.052359878	-0.157079633	-4.716445634	-11.68582016	-12.12169581	-5.507102669	0.5810021	0.2604408	0.2476938	0.5304505	-1.8325129
7125000000	0.052359878	-0.104719755	-5.18250939	-11.94243543	-11.13480903	-5.674085776	0.5506486	0.2528589	0.2774978	0.5203502	-1.930845
7125000000	0.052359878	-0.052359878	-5.950682565	-9.483366903	-10.74489201	-6.528184621	0.504041	0.3356075	0.2902388	0.4716184	-1.9300302
7125000000	0.052359878	-4.44E-16	-6.404297715	-6.92923509	-9.885710237	-7.705971693	0.4783933	0.4503376	0.3204162	0.4118143	-1.6134087
7125000000	0.052359878	0.052359878	-6.355478038	-5.588935302	-9.602076663	-8.248972126	0.4810897	0.5254764	0.331052	0.3868578	-1.287457
7125000000	0.052359878	0.104719755	-6.347623787	-4.854892952	-10.50913811	-7.71717247	0.481525	0.5718147	0.2982243	0.4112836	-1.0963043
7125000000	0.052359878	0.157079633	-6.541098784	-4.061946237	-10.94062366	-6.982203407	0.4709178	0.6264735	0.2837715	0.4475997	-0.7774538
7125000000	0.052359878	0.20943951	-6.383745405	-3.084159741	-9.578310041	-6.38655067	0.4795266	0.7011194	0.331959	0.4793718	-0.034914
7125000000	0.052359878	0.261799388	-5.672487262	-2.122215027	-7.833950259	-5.813571912	0.520446	0.7832299	0.4057911	0.5120607	0.9212432
7125000000	0.052359878	0.314159265	-5.066683665	-1.53099766	-6.833714534	-5.395683894	0.5580406	0.8383978	0.4553174	0.5372987	1.5439214
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7125000000	0.052359878	0.471238898	-4.878620436	-1.988226948	-4.329556557	-3.947300426	0.5702548	0.7954056	0.6074663	0.6347972	2.3052984
7125000000	0.052359878	0.523598776	-4.451980145	-1.861980204	-3.378297265	-3.16242209	0.5989644	0.807051	0.6777744	0.6948305	2.8559841
7125000000	0.052359878	0.575958653	-4.204218057	-1.366330961	-3.025424099	-2.972564523	0.6162956	0.8544437	0.7058766	0.7101855	3.1877383
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7125000000	0.052359878	0.785398163	0.558998938	0.041926029	-2.25975614	0.681792238	1.0664732	1.0048386	0.7709251	1.0816571	5.8537454
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7125000000	0.104719755	0.575958653	-4.642558524	-1.140517225	-2.838313321	-2.604908293	0.5859655	0.8769486	0.7599925	0.7408915	3.4163725
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7125000000	0.104719755	0.733038286	-0.799586965	-0.251353605	-3.115707564	-0.874097323	0.9120542	0.9714765	0.6985775	0.9042638	4.6268748
7125000000	0.104719755	0.785398163	0.490176174	0.314289662	-1.957620126	1.046375046	1.0580564	1.0368465	0.7982134	1.1280251	5.0663869
7125000000	0.104719755	0.837758041	1.083461099	1.125714854	-1.05254895	1.862977834	1.1328517	1.138376	0.8858752	1.2392214	6.8411934
7125000000	0.104719755	0.890117919	1.172959513	1.217135801	-1.295890894	1.802078941	1.1445848	1.150421	0.8614012	1.2305633	6.8226938
7125000000	0.104719755	0.942477796	1.257427889	0.363218724	-1.90436414	1.57255634	1.1557699	1.0427038	0.8031158	1.1984718	6.4445127
7125000000	0.104719755	0.994837674	1.709446183	-0.889597409	-0.997748935	1.77603931	1.2175094	1.0926515	0.8914819	1.1268788	6.5526881
7125000000	0.104719755	1.047197551	2.173583798	-1.602614695	1.092051976	2.089572132	1.2843376	0.8315134	1.1339727	1.2719751	7.0856248
7125000000	0.104719755	1.099557429	2.107914378	-1.444638673	2.460108301	1.871846802	1.274664	0.8467751	1.327411	1.2404874	7.6106298
7125000000	0.104719755	1.151917306	1.623572906	-0.773327877	2.327301098	1.220843985	1.2055317	0.9148157	1.3072693	1.1509122	7.1939193
7125000000	0.104719755	1.204277184	1.445304432	-0.008880303	1.261872584	1.0407795	1.1810417	0.9988971	1.1563615	1.1272986	6.973261
7125000000	0.104719755	1.256637061	1.91302191	0.513940219	0.781573126	1.759888819	1.2463818	1.0609551	1.0941545	1.2246005	7.2836852
7125000000	0.104719755	1.308996939	2.433367353	0.604483559	1.488829002	2.58610158	1.3233306	1.0720726	1.1869747	1.3468061	7.8349006
7125000000	0.104719755	1.361356817	2.339304377	0.174985074	2.083862416	2.693232195	1.3090771	1.0203502	1.2711392	1.3635203	7.8961874
7125000000	0.104719755	1.413716694	1.564036024	-0.888332546	1.568555233	1.899129535	1.1972967	0.902783	1.1979199	1.2438899	7.1520875
7125000000	0.104719755	1.46076572	0.702065638	-2.754824424	0.380959294	0.724252629	1.0841847	0.782136	1.0448356	1.0869577	7.8985601
7125000000	0.104719755	1.518436449	0.461312838	-5.398502615	-0.115776683	0.023360486	1.0545463	0.5371244	0.9867592	1.0206931	5.0598794
7125000000	0.104719755	1.570796327	0.805648517	-7.851313035	-0.3779126	0.167395888	1.0971915	0.4049807	1.0444546	1.0194591	5.023236
7125000000	0.104719755	1.623156204	1.02253161	-8.449720612	0.60964381	0.577735786	1.1249328	0.3780193	1.0727122	1.068776	5.2120175
7125000000	0.104719755	1.675516082	0.569241491	-7.737211628	-0.294918863	0.420266493	1.0677315	0.4103358	0.9666162	1.0495746	4.8426498
7125000000	0.104719755	1.72787596	-0.45038809	-6.454905285	-2.076214993	-0.404577565	0.9494686	0.4756141	0.7873888	0.9544894	3.9922543
7125000000	0.104719755	1.780235837	1.780235837	-4.845222946	-3.50967553	-1.173334505	0.8696882	0.5724517	0.6675998	0.8736415	3.4735754
7125000000	0.104719755	1.832595715	-0.909362427	-3.630181624	-3.691859479	-2.116803098	0.9005999	0.6584017	0.653743	0.8692803	3.7561227
7125000000	0.104719755	1.884955592	-0.165360236	-3.206233344	-3.317408622	-1.025885875	0.9811423	0.6913347	0.6825423	0.8859888	4.1999941
7125000000	0.104719755	1.93731547	-0.072752849	-3.499501271	-3.716183684	-1.483061018	0.991659	0.6683823	0.6519148	0.8430376	3.9593699
7125000000	0.104719755	1.989675347	-0.972844306	-4.317031248	-5.675201258	-2.770682376	0.8940417	0.6083429	0.5202834	0.7264628	7.7646428
7125000000	0.104719755	2.042035225	-2.313576731	-5.609792967	-8.161682467	-3.993986291	0.766163	0.5242161	0.3907652	0.6313943	1.2611799
7125000000	0.104719755	2.094395102	-2.936218013	-7.477885648	-8.382331705	-4.174479674	0.7131635	0.4424729	0.3809635	0.6184093	0.5765443
7125000000	0.104719755	2.14675498	-2.778010646	-9.662888327	-7.654487378	-4.120044273	0.7626723	0.3287423	0.4142625	0.6227971	0.3888656
7125000000	0.104719755	2.199114858	-2.699589918	-11.91148457	-7.410700141	-4.565104377	0.7328591	0.2537615	0.4260543	0.5912141	0.0168737
7125000000	0.104719755	2.251474735	-3.064099573	-14.02597861	-7.469458067	-4.715977663	0.7027406	0.1989304	0.4231819	0.5810334	-0.4866603
7125000000	0.104719755	2.303834613	-3.957097563	-15.28278006	-7.843580568	-3.998893273	0.6340816	0.1721318	0.4053414	0.6130737	-0.7120141
7125000000	0.104719755	2.35619449	-4.963796632	-16.10091064	-7.133600972	-3.691261218	0.5646901	0.1566587	0.3493976	0.653788	-1.2871627
7125000000	0.104719755	2.408554368	-5.074108596	-18.40051497	-11.79523168	-4.493517483	0.5575638	0.1202193	0.2571807	0.5961068	-2.3206949
7125000000	0.104719755	2.4609142									

7125000000	0.157079633	-1.466076572	0.735822182	-4.561492725	-0.082656653	-0.160266924	1.0884065	0.59146	0.9905289	0.9817178	5.2302846
7125000000	0.157079633	-1.413716694	1.898678398	-3.081965087	0.582530535	0.44307408	1.2443253	0.7012966	1.0693664	1.0523342	6.1655723
7125000000	0.157079633	-1.361356817	2.16174564	-2.41229097	0.124281588	0.292311459	1.2825883	0.7575049	1.0144113	1.0342263	6.2111705
7125000000	0.157079633	-1.308996939	1.600772694	-2.711346721	-0.884798504	-0.462198188	1.2023714	0.7318678	0.9031504	0.9481785	5.5420213
7125000000	0.157079633	-1.256637061	0.866402877	-3.404418276	-1.063794244	-0.905287052	1.1048928	0.6757392	0.884729	0.9010225	5.0239609
7125000000	0.157079633	-1.204277184	0.67789604	-3.703864583	-0.263639293	-0.534662982	1.081172	0.65284	0.9701034	0.9403009	5.2119599
7125000000	0.157079633	-1.151917306	0.684515681	-3.561251298	0.183919967	-0.08318546	1.0819963	0.6636475	1.0214003	0.9904686	5.4774094
7125000000	0.157079633	-1.099557429	0.290833854	-3.888830551	-0.638086254	-0.046247441	1.0340504	0.6390848	0.9291711	0.9946897	5.0981991
7125000000	0.157079633	-1.047197551	0.13202334	-5.438311599	-2.32797265	0.019797085	1.0153159	0.5346683	0.7648942	1.0022818	4.3947289
7125000000	0.157079633	-0.994837674	1.041997021	-8.086671515	-2.982624164	0.694136722	1.1274566	0.3941544	0.7093634	1.0831955	4.3868957
7125000000	0.157079633	-0.942477796	1.971050966	-10.22065948	-1.851394358	1.443028943	1.2547365	0.3082954	0.8080352	1.1807323	4.9883688
7125000000	0.157079633	-0.890117919	2.004948045	-10.05561057	-0.864679824	1.414506627	1.2596428	0.3142096	0.9052447	1.1768614	5.2394254
7125000000	0.157079633	-0.837758041	1.267182824	-8.603526355	-1.162737558	0.327827608	1.1570687	0.3713844	0.874708	1.0384638	4.714671
7125000000	0.157079633	-0.785398163	0.485991055	-7.021088068	-2.202956229	-1.186282667	1.0575467	0.4456004	0.775983	0.8723402	3.9496643
7125000000	0.157079633	-0.733038286	0.355849586	-5.822704104	-2.533866558	-1.434429096	1.0418195	0.5115226	0.746796	0.847771	3.9403403
7125000000	0.157079633	-0.680678408	0.588001398	-5.296344786	-1.834654049	-0.72866192	1.0700401	0.543479	0.809594	0.9195321	4.4612059
7125000000	0.157079633	-0.628318531	0.206540301	-5.615445204	-1.224863015	-0.894406568	1.0240638	0.5238751	0.8684741	0.9021519	4.3984062
7125000000	0.157079633	-0.575958653	-1.423517022	-6.886922549	-1.477573244	-2.243801425	0.8488367	0.4525368	0.8435704	0.7723425	3.2789814
7125000000	0.157079633	-0.523598776	-3.548660162	-8.958344705	-2.468004111	-3.214666379	0.6646102	0.3565191	0.7526617	0.6906268	1.8138169
7125000000	0.157079633	-0.471238898	-3.681664631	-10.85188062	-3.61161178	-2.742749279	0.6545107	0.2866857	0.659845	0.7292267	1.3275177
7125000000	0.157079633	-0.41887902	-2.971282556	-11.03965896	-4.503539582	-2.827638626	0.7102903	0.2805544	0.5954195	0.7221345	1.245616
7125000000	0.157079633	-0.366519143	-3.228302228	-10.29025519	-5.515840164	-4.605150671	0.6816868	0.305835	0.5299172	0.5884967	0.4482935
7125000000	0.157079633	-0.314519265	-4.376811286	-10.32658392	-7.471552299	-6.985743053	0.6041704	0.3045586	0.4230799	0.4474174	-0.1059765
7125000000	0.157079633	-0.261799388	-4.98575223	-11.06340667	-10.37086224	-6.73450768	0.5632645	0.2797884	0.3030099	0.4600738	-1.9049504
7125000000	0.157079633	-0.20943951	-4.879366268	-11.0508507	-12.11345711	-5.579795132	0.5702059	0.2801931	0.2479289	0.5062029	-1.8016952
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7125000000	0.157079633	-0.104719755	-4.986617045	-12.01890809	-10.67293784	-5.888323435	0.5632084	0.2506424	0.2926351	0.5076727	-1.8615768
7125000000	0.157079633	-0.052359878	-5.778612802	-9.877336815	-10.63653405	-6.637237409	0.5141258	0.3207253	0.2938822	0.4657342	-1.9682869
7125000000	0.157079633	-4.44-16	-6.404297698	-6.929234847	-9.885710222	-7.70597173	0.4783933	0.4503377	0.3204162	0.4118143	-1.6134087
7125000000	0.157079633	0.052359878	-6.47580201	-5.408427743	-9.606625388	-8.309619985	0.4744712	0.536511	0.328828	0.3841661	-1.2899744
7125000000	0.157079633	0.104719755	-6.69755577	-4.607259449	-10.61755675	-7.609437767	0.4625112	0.5883517	0.294525	0.4164167	-1.1014455
7125000000	0.157079633	0.157079633	-7.378120928	-8.323167718	-11.12393992	-6.618388817	0.4276554	0.6493944	0.2778435	0.466746	-0.8374256
7125000000	0.157079633	0.20943951	-7.494300841	-3.141051725	-10.04216781	-5.864611233	0.4219733	0.6965422	0.3146963	0.5900605	-0.2543977
7125000000	0.157079633	0.261799388	-6.633463478	-2.725862796	-8.53209452	-5.12784261	0.4659366	0.7306457	0.3744512	0.5541252	0.5272276
7125000000	0.157079633	0.314519265	-6.085118599	-2.461321157	-7.547972588	-4.589582234	0.4962998	0.753241	0.4193739	0.5895053	1.0556672
7125000000	0.157079633	0.366519143	-6.308292063	-2.068882777	-6.871979514	-4.432737947	0.4837104	0.7880538	0.453316	0.6002928	1.3095252
7125000000	0.157079633	0.41887902	-6.52788036	-1.564174865	-5.707757256	-4.205092675	0.471635	0.8352015	0.5183369	0.6162336	1.7322066
7125000000	0.157079633	0.471238898	-6.160993064	-1.331689854	-3.888931974	-3.402732562	0.4919833	0.8578582	0.6390802	0.6758703	2.4296663
7125000000	0.157079633	0.523598776	-5.720822722	-1.240722527	-2.441028272	-2.501660618	0.5157578	0.8668898	0.7550028	0.7497509	3.194956
7125000000	0.157079633	0.575958653	-5.341947239	-0.67207029	-1.826812543	-2.33637481	0.5406331	0.9255428	0.8103253	0.7641546	3.6387482
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7125000000	0.157079633	0.733038286	-1.17893352	-0.313353294	-2.447851784	-0.946114982	0.8730786	0.9645669	0.7549308	0.8967972	4.8343491
7125000000	0.157079633	0.785398163	-0.161704997	0.225888751	-1.771050515	-1.111074511	0.9815552	1.0263475	0.8436159	1.1364895	5.4945411
7125000000	0.157079633	0.837758041	0.253637279	1.033544356	-0.756740207	2.06927559	1.0296316	1.12636	0.9165682	1.2690063	6.7323285
7125000000	0.157079633	0.890117919	0.283033372	1.006157947	-1.094312043	2.165507393	1.0331221	1.1228142	0.881626	1.2831439	6.690495
7125000000	0.157079633	0.942477796	0.360619452	0.064656928	-1.752895016	2.082550236	1.0423918	1.0074717	0.8172506	1.2709472	6.3153384
7125000000	0.157079633	0.994837674	0.895595206	-0.857434226	-0.400303929	2.320228056	1.086125	0.9060002	0.8973974	1.3062052	6.4819748
7125000000	0.157079633	1.047197551	1.588676541	-0.71004552	1.074331652	2.552955458	1.2006981	0.9215051	1.1316616	1.3416764	7.2261333
7125000000	0.157079633	1.099557429	1.777944891	0.098326705	2.441965975	2.238779613	1.2271488	1.0113846	1.3246413	1.294014	7.7070998
7125000000	0.157079633	1.151917306	1.423643822	0.842942102	2.403197389	1.518428676	1.1781001	1.019125	1.3187421	1.1910265	7.6244764
7125000000	0.157079633	1.204277184	1.23551996	1.320612355	1.547798071	1.277460681	1.1528585	1.1642081	1.1950605	1.1584386	7.3667899
7125000000	0.157079633	1.256637061	1.270274787	1.519463792	1.238951521	1.921720537	1.2190913	1.1911685	1.153314	1.2476306	7.6274053
7125000000	0.157079633	1.308996939	2.355870696	1.411889151	1.828475801	2.661481898	1.3115762	1.1765068	1.2343087	1.3585452	8.0982762
7125000000	0.157079633	1.361356817	2.382491537	0.861380029	2.141134159	2.704727473	1.3156022	1.1042541	1.2795484	1.365326	8.0705271
7125000000	0.157079633	1.413716694	1.650958134	-0.362213388	1.530365765	1.898530849	1.2093386	0.9591562	1.1682029	1.2430401	7.1986094
7125000000	0.157079633	1.466076572	0.778413368	-2.418265379	-0.028499592	0.756652233	1.0937566	0.7569841	0.9967422	1.010197	5.8859831
7125000000	0.157079633	1.518436449	0.603169378	-5.066836738	-0.524171621	0.080512663	1.0719104	0.5580308	0.9414373	1.0093125	5.0587369
7125000000	0.157079633	1.570796327	1.134787983	-7.277996364	0.144121465	1.016731	1.1395658	0.4231636	1.016731	1.0177534	5.1251134
7125000000	0.157079633	1.623156204	1.499150243	-8.238454632	0.581438791	0.447764266	1.188386	0.3873266	1.069232	1.0529026	5.3383791
7125000000	0.157079633	1.675516082	0.973996145	-8.348202393	-0.153584554	0.240584142	1.188664	0.3824634	0.9824733	1.0280085	4.889715
7125000000	0.157079633	1.72787596	-0.421362394	-7.266780031	-1.870440743	-0.591158786	0.9526467	0.4317126	0.8062686	0.9342047	3.8799928
7125000000	0.157079633	1.780235837	-1.730411815	-5.374825372	-3.405430129	-1.380965835	0.8193688	0.5385906	0.6756604	0.8530053	3.1827075
7125000000	0.157079633	1.832595715	-1.665485574	-3.945008122	-3.681123576	-1.384693876	0.8255164	0.6349647	0.6545515	0.8526392	3.4727177
7125000000	0.157079633	1.884955592	-0.839717514	-3.308262873	-3.235313312	-1.011249673	0.9078501	0.6832614	0.6890225	0.8900974	4.0012917
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7125000000	0.157079633	2.042035225									

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7125000000	0.20943951	-1.832595715	-4.436322471	-3.913536203	-6.512917038	-2.714188479	0.6000451	0.6372696	0.4724481	0.7316284	1.7321477
7125000000	0.20943951	-1.78025837	-6.292647704	-4.272037147	-4.321526164	-2.085455124	0.4845824	0.6115024	0.6080282	0.7865516	1.9057049
7125000000	0.20943951	-1.72787596	-6.567316173	-3.840679158	-2.113998007	-1.321065448	0.4694985	0.6426375	0.7839712	0.8589082	2.7818804
7125000000	0.20943951	-1.675516082	-5.580919583	-3.360389376	-0.942585758	-0.781779636	0.5259616	0.6791732	0.8971617	0.913926	3.685673
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7125000000	0.20943951	-1.518436449	-0.41237017	-4.830326995	-1.193816884	-1.038235031	0.9536335	0.5734343	0.8715838	0.8873363	4.3127192
7125000000	0.20943951	-1.466076572	1.397564164	-3.765835662	-0.031474895	-0.432974872	1.1745681	0.6481988	0.9963829	0.951734	5.5074337
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7125000000	0.20943951	-1.204277184	1.189908641	-3.090711162	-0.144264728	-0.408818469	1.1468205	0.7005908	0.9835281	0.9540235	5.5406325
7125000000	0.20943951	-1.151917306	1.308214387	-2.848318953	0.216259634	0.139569934	1.1625475	0.7204172	1.0252103	1.0161984	5.8548066
7125000000	0.20943951	-1.09557429	1.025568596	-3.095216047	-0.619899255	0.17030562	1.1253262	0.7002276	0.9311187	1.0198006	5.5211279
7125000000	0.20943951	-1.047197551	0.789438972	-4.481454397	-2.354972829	-0.02679024	1.0951458	0.5969353	0.7625202	0.9920024	4.7396124
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7125000000	0.20943951	-0.680678408	1.322871416	-6.720605391	-1.952293496	-0.927306258	1.1645109	0.4612854	0.798703	0.8987413	4.4106359
7125000000	0.20943951	-0.628318531	0.703621643	-6.405104924	-1.394162744	-0.533740517	1.084379	0.4783489	0.8517102	0.9404008	4.4928365
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7125000000	0.261799388	-0.523598776	-3.862392787	-9.722547031	-3.308048635	-2.149253728	0.641033	0.3264921	0.6832782	0.7807955	1.6972384
7125000000	0.261799388	-0.471238898	-4.362996555	-11.46695718	-4.330914943	-3.044556597	0.6051321	0.2670989	0.6073713	0.7043235	1.6745817
7125000000	0.261799388	-0.41887902	-3.139902398	-12.61417805	-4.842724333	-3.765708974	0.6966343	0.2340045	0.5726164	0.6482082	0.6342252
7125000000	0.261799388	-0.366519143	-3.001151633	-13.01760053	-5.094946442	-5.094946442	0.7078519	0.2234189	0.5284842	0.5562278	0.0691367
7125000000	0.261799388	-0.314159265	-3.939973515	-13.25948765	-7.368768175	-5.999314122	0.6353329	0.2172829	0.4281161	0.5012268	-1.002647
7125000000	0.261799388	-0.261799388	-4.911896845	-13.20479575	-10.11702737	-5.474554021	0.5680743	0.2186554	0.3119957	0.532442	-1.7706291
7125000000	0.261799388	-0.20943951	-5.094722936	-11.46625144	-11.44614411	-5.09083561	0.5562421	0.2671083	0.2677274	0.5564911	-1.6837282
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7125000000	0.261799388	-0.052359878	-5.640824554	-10.23262616	-10.50837888	-6.746854513	0.5223466	0.3801901	0.2982508	0.4598935	-1.7992685
7125000000	0.261799388	-4.44E-16	-6.404297522	-6.929234963	-9.885710309	-7.705971946	0.4783933	0.5403376	0.3204162	0.4118143	-1.6134087
7125000000	0.261799388	0.052359878	-6.610142624	-5.246471996	-9.710688208	-8.373509858	0.4671893	0.5466085	0.3269381	0.3813507	-1.2995001
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7125000000	0.261799388	0.157079633	-8.360141071	-3.699175976	-10.92033039	-6.388868488	0.3819381	0.6531925	0.2850351	0.4792439	-0.9179994
7125000000	0.261799388	0.20943951	-8.753554721	-3.363431668	-10.00445503	-5.496554736	0.3650247	0.6789353	0.3160656	0.5310951	-0.8622148
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7125000000	0.261799388	0.314159265	-7.462531263	-3.017856396	-8.264909779	-3.977545689	0.4235195	0.7064919	0.3890241	0.6325906	0.6347361
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7125000000	0.261799388	0.523598776	-7.395438345	-0.140863023	-2.51337681	-2.003371149	0.4268036	0.9839133	0.7716727	0.79402	3.4532541
7125000000	0.261799388	0.575958653	-7.138435867	0.135723401	-1.266643537	-1.844455617	0.4396208	1.0157485	0.8643066	0.806861	3.8857256
7125000000	0.261799388	-5.9120157	0.137627781	-1.51054868	-2.607464802	-2.607464802	0.506279	1.0159712	0.8758853	0.7406734	3.9146977
7125000000	0.261799388	0.680678408	-4.240459946	-0.864200398	-1.401198952	-2.908807188	0.6137295	0.9052947	0.8510206	0.7154176	3.7658053
7125000000	0.261799388	0.733038286	-3.235079121	-1.673945521	-1.148819033	-1.187266331	0.6890426	0.8247128	0.8761108	0.8722414	4.2493656
7125000000	0.261799388	0.785398163	-3.002663512	-0.359380676	-0.349452904	0.782264263	0.7077287	0.959469	0.9605663	1.0942416	5.3949407
7125000000	0.261799388	0.837758041	-2.872101854	1.131703857	0.095250139	1.768708011	0.7184473	1.1391612	1.0110264	1.2258484	6.2337341
7125000000	0.261799388	0.890117919	-2.363578181	1.514631483	-0.44230807	1.920783672	0.7617651	1.190506	0.9501419	1.2749661	6.3401716
7125000000	0.261799388	0.942477796	-1.472679284	1.232834985	-1.297722426	1.848952583	0.8440458	1.1552022	0.8612195	1.2372181	6.2244478
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7125000000	0.261799388	1.047197551	1.085427908	1.765622223	0.882249896	2.035826743	1.1331082	1.2254091	1.1069105	1.2641288	7.4758087
7125000000	0.261799388	1.099557429	1.549699854	2.006217124	2.131852122	1.607423793	1.1953222	1.2598268	1.2781817	1.2032924	8.7487997
7125000000	0.261799388	1.151917306	1.217202866	1.59518989	2.174797193	0.906215467	1.1504299	1.2015988	1.284517	1.1099688	7.5068963
7125000000											

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7125000000	0.314159265	-2.670353756	-13.59711916	-12.59649619	-11.67498088	-6.418128881	0.2089989	0.2345175	0.260766	0.4776322	-4.5688785
7125000000	0.314159265	-2.617993878	-13.57866303	-11.52321398	-13.4438759	-5.572289291	0.2094435	0.2653623	0.212719	0.5264844	-4.3361602
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7125000000	0.314159265	-2.513274123	-12.1137268	-6.609242558	-9.712795272	-8.605788375	0.2479212	0.4672377	0.3268588	0.3712877	-3.0158792
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7125000000	0.314159265	-2.408554368	-6.150365113	-6.456234435	-5.759506157	-9.729633272	0.4925856	0.4755413	0.5152579	0.3262258	-0.8688966
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7125000000	0.314159265	-2.303834613	-6.232170076	-10.35730498	-6.357606444	-11.39813132	0.4879682	0.3034833	0.4799762	0.2692114	-2.2665821
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7125000000	0.314159265	-2.094395102	-1.412080481	-9.018146123	-6.602332882	-12.5307136	0.8499551	0.3540729	0.4676095	0.2363003	-0.4093155
7125000000	0.314159265	-2.042035225	-0.73910356	-6.284502508	-4.906026846	-11.15516162	0.9184274	0.485037	0.5684584	0.2768483	-1.018305
7125000000	0.314159265	-1.989675347	-1.005383838	-4.063307423	-4.553105675	-9.987255233	0.8906987	0.6263753	0.5920314	0.3553344	1.8137642
7125000000	0.314159265	-1.93731547	-2.008791679	-2.770880511	-5.379474119	-7.037444816	0.7935246	0.7268687	0.5383024	0.4447621	1.9502056
7125000000	0.314159265	-1.884955512	-3.423238162	-2.49123959	-6.902697746	-5.52065992	0.6742696	0.7505609	0.4517156	0.5296232	1.6062488
7125000000	0.314159265	-1.832595715	-4.870943657	-2.917583835	-8.209685206	-4.225696427	0.5707591	0.7146951	0.3886116	0.6147736	1.1717062
7125000000	0.314159265	-1.780235837	-4.891558944	-3.250573981	-7.326065096	-2.936626625	0.569406	0.6878145	0.4302261	0.7131299	1.5857111
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7125000000	0.314159265	-1.099557429	2.265696656	-2.069808245	-0.882263455	-0.271707539	1.2980303	0.7879698	0.8930727	1.0317599	6.0441258
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7125000000	0.314159265	-0.942477796	2.871885339	-5.667599881	-2.927028004	-0.800841216	1.3918559	0.5207389	0.7139184	0.9119225	4.9556263
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7125000000	0.314159265	-0.837758041	1.257525615	-6.882316188	-2.386665217	-2.27461275	1.1557829	0.4527768	0.7597343	0.7696073	3.912211
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7125000000	0.314159265	-0.575958653	-0.601053085	-8.460750444	-2.631728142	-0.65336287	0.9331412	0.3775396	0.7386073	0.9275383	4.3544703
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7125000000	0.314159265	0.20943951	-9.366290617	-3.52208877	-9.765757666	-5.378672925	0.3401617	0.6666464	0.3248719	0.538352	-0.5836188
7125000000	0.314159265	0.261799388	-8.251217004	-3.760430719	-8.98850282	-4.481174763	0.3867579	0.6486023	0.3552834	0.5969545	-0.0540288
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7125000000	0.366519143	-3.089232776	-22.74639067	-14.93621237	-16.60975407	-20.82119654	0.0728921	0.1791387	0.1477448	0.0909788	-12.203316
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7125000000	0.471238898	-0.471238898	-3.06624644	-11.							

7125000000	0.471238898	1.93731547	-1.868887205	-9.450431678	-5.342825461	-1.316009594	0.8064095	0.3368825	0.5405784	0.8594083	2.0872791
7125000000	0.471238898	1.989675347	-2.08999627	-9.536173226	-6.492059778	-1.760215236	0.7861405	0.3335733	0.473584	0.8165621	1.6192363
7125000000	0.471238898	2.042035225	-2.537418527	-8.753119593	-7.284758215	-2.449476286	0.7466706	0.3650043	0.432277	0.7542689	1.2073812
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7125000000	0.471238898	2.146754988	-3.987057629	-6.336231346	-11.82402084	-4.150554625	0.6318982	0.4821157	0.2563297	0.620115	-0.0413566
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7125000000	0.471238898	2.303834613	-3.860377883	-11.49338158	-9.556133947	-4.782761986	0.6411817	0.2662753	0.3328077	0.5765831	-0.8342292
7125000000	0.471238898	2.35619449	-5.428213472	-12.83353267	-9.70138577	-4.194963036	0.5352902	0.2281562	0.3272207	0.6169527	-1.3727762
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7125000000	0.471238898	2.513274123	-5.168525469	-9.368048432	-16.97454429	-9.923544725	0.5515358	0.3400929	0.1416683	0.3190236	-3.3990064
7125000000	0.471238898	2.565634	-5.661675854	-9.933144297	-18.89136727	-13.548024	0.5210942	0.3186712	0.1136139	0.2101836	-4.7048028
7125000000	0.471238898	2.617993878	-6.40634491	-11.414025	-17.62666413	-9.523214819	0.4782806	0.2687192	0.1314216	0.3340714	-4.3470165
7125000000	0.471238898	2.670353756	-8.344076673	-9.635730381	-14.37160403	-6.714030459	0.3826451	0.3297718	0.19117	0.4616347	-3.3165366
7125000000	0.471238898	2.722713633	-9.398583552	-8.383420548	-14.68025478	-6.369399224	0.3388994	0.3809158	0.1844961	0.4803193	-3.1939212
7125000000	0.471238898	2.775073511	-9.220240291	-9.79877984	-15.4907457	-8.238589538	0.3459298	0.3236391	0.1680592	0.3873205	-4.2582422
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7125000000	0.523598776	-2.932153143	-11.61693274	-7.340313211	-11.911747032	-15.03222531	0.2625145	0.4295209	0.2537541	0.1771694	-5.0133224
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7125000000	0.523598776	-1.413716694	0.689524583	-2.520700406	-0.370296505	0.202679938	1.0826205	0.7481092	0.958264	1.0236808	5.6038304
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7125000000	0.575958653	-3.089232776	-21.63619748	-15.07151304	-15.76298889	-18.71487459	0.0828305	0.1763699	0.1628735	0.1159461	-11.404631
7125000000	0.575958653	-3.036872899	-16.23547768	-11.1306816	-18.13977076	-15.16994695	0.1542503	0.2776297	0.1238829	0.1743882	-8.7524313
7125000000	0.575958653	-2.984513021	-12.50459774	-7.466049581	-16.44964508	-13.40317909	0.2370119	0.4223348	0.1504935	0.213718	-5.8097555
7125000000	0.575958653	-2.932153143	-11.0866188	-7.341600626	-12.05252671	-15.07233875	0.2790417	0.4294573	0.2496742	0.1763531	-4.9243091
7125000000	0.575958653	-2.879793266	-11.68957048	-9.294460909	-11.29089799	-16.74049203	0.2603284	0.3429864	0.2725555	0.1455377	-5.8366148
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7125000000	0.628318531	-3.141592654	-19.13629992	-19.90078141	-14.50141608	-19.67111024	0.1104549	0.1011488	0.1883342	0.1038591	-11.975488
7125000000	0.628318531	-3.089232776	-21.39857166	-15.10794472	-15.56278465	-18.2821629	0.0851278	0.1756316	0.1666149	0.1218686	-11.22531
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7125000000	0.628318531	-2.722713633	-8.579726441	-7.427980197	-8.870166996	-8.36198022	0.3724034	0.4252076	0.3601568	0.3699901	-2.339509
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7125000000	0.628318531	-1.884955592	-10.26460916	-6.838641104	-3.070179914	-5.96096353	0.3067394	0.4550592	0.7022488	0.5034481	-0.1242349
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7125000000	0.628318531	-1.780235837	-3.31909863	-5.422104028	-2.254376589	-4.47373894	0.6824095	0.5356669	0.7714027	0.5974668	2.2351472
7125000000	0.628318531	-1.72787596	-6.295								

7125000000	0.628318531	0.680678408	-8.105315275	-0.471971383	-2.221681247	-1.285225319	0.3933093	0.9471122	0.7743119	0.8624595	3.4555398
7125000000	0.628318531	0.733038286	-4.733573775	-0.883498318	-1.571641065	-0.782080164	0.5798575	0.9032856	0.8344839	0.9138943	4.1675407
7125000000	0.628318531	0.785398163	-3.085184864	-1.900590289	-0.149829101	-0.244730722	0.7010367	0.803479	0.9828982	0.9722176	4.7599969
7125000000	0.628318531	0.837758041	-2.578960822	-2.519454106	0.764409629	0.301360039	0.743108	0.7482165	1.0919946	1.0353043	5.1056278
7125000000	0.628318531	0.890117919	-2.284248267	-2.464367136	0.869538679	0.315609625	0.7687544	0.7529769	1.0370041	1.1052918	5.2585737
7125000000	0.628318531	0.942477796	-1.831213205	-3.110305435	-0.906628871	1.536193772	0.8099148	0.6990122	0.9008833	1.193465	5.113349
7125000000	0.628318531	0.994837674	-0.984660834	-3.331251474	-0.982878189	2.197529715	0.8928263	0.6814554	0.8929992	1.2878832	5.4719785
7125000000	0.628318531	1.047197551	0.235264122	-0.797099056	0.44229626	2.545315309	1.0274559	0.9123155	1.05224	1.3404968	6.7141879
7125000000	0.628318531	1.099557429	0.998814185	1.563519517	1.373653077	2.381072689	1.1218653	1.1972255	1.1713391	1.3153873	7.6147451
7125000000	0.628318531	1.151917306	0.922131192	2.471590397	0.796347072	1.8641777972	1.1120045	1.3291669	1.0960169	1.2393926	7.5617429
7125000000	0.628318531	1.204277184	0.648719099	2.45160913	-0.01494218	1.491563332	1.0775463	1.3261128	0.9528519	1.1873484	7.1278977
7125000000	0.628318531	1.256637061	0.929898992	2.485235704	-0.386556419	1.646219233	1.1129994	1.3312566	0.9564718	1.208679	7.252301
7125000000	0.628318531	1.308996939	1.380156046	2.93368121	0.722937992	2.081771374	1.1722164	1.4017936	1.0867932	1.2708332	7.8392211
7125000000	0.628318531	1.361356817	1.139333198	3.101330002	1.162257757	2.244585544	1.1401623	1.4291128	1.1431754	1.2948793	7.9715239
7125000000	0.628318531	1.413716694	-0.011551256	2.419564174	0.323323773	1.918829009	0.998671	1.3212293	1.0379255	1.2472154	7.2440705
7125000000	0.628318531	1.466076572	-1.303294613	0.986130213	-1.004143146	1.407881021	0.8606672	1.1202282	0.8908259	1.1759641	6.1235352
7125000000	0.628318531	1.518436449	-1.615456099	-0.412024252	-1.571094214	1.214162271	0.830285	0.9536715	0.8345364	1.1500272	5.5028168
7125000000	0.628318531	1.570796327	-0.89588742	-0.859739972	-1.296316799	1.397181306	0.9019981	0.9057597	0.8613589	1.1745163	5.6742386
7125000000	0.628318531	1.623156204	-0.260558819	-0.733122029	-1.096841602	1.460448163	0.9704475	0.9190601	0.8813693	1.1831026	5.9200884
7125000000	0.628318531	1.675516082	-0.47382335	-1.053795686	-1.623747688	0.919969877	0.9469103	0.8857481	0.8294928	1.117279	5.5151956
7125000000	0.628318531	1.72787596	-1.262638213	-2.149300619	-3.031962579	-0.227205047	0.8647052	0.7807913	0.7053455	0.9741812	4.4152937
7125000000	0.628318531	1.780235837	-1.722094594	-3.451902093	-4.560995312	-1.303315125	0.8201537	0.6720551	0.5914939	0.8606652	3.3592416
7125000000	0.628318531	1.832595715	-1.506938683	-4.178197265	-4.665929089	-1.484689509	0.8407233	0.6181447	0.5844179	0.8428796	3.1858246
7125000000	0.628318531	1.884955592	-1.245278137	-4.725720612	-4.00027817	-0.995169977	0.8664352	0.580382	0.6309371	0.8917467	3.4330698
7125000000	0.628318531	1.93731547	-1.390947319	-6.034814528	-4.401663968	-0.602935092	0.8520256	0.4991824	0.6024442	0.9327993	4.1879216
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7125000000	0.628318531	2.094395102	-3.786078167	-4.454371012	-8.13480068	-1.774049803	0.6466899	0.5987995	0.3919764	0.8152626	1.7723895
7125000000	0.628318531	2.14675498	-3.744505489	-3.075175266	-9.825580531	-2.389229547	0.6497925	0.701845	0.3226421	0.7955188	1.7052992
7125000000	0.628318531	2.199114858	-3.664457028	-3.851027057	-11.34071556	-3.150999906	0.6558087	0.6418723	0.2709968	0.6957449	1.07855
7125000000	0.628318531	2.251474735	-3.568468503	-7.501189439	-9.553743303	-4.246293006	0.6630963	0.4216388	0.3328993	0.6133175	0.1333923
7125000000	0.628318531	2.303834613	-3.372650312	-13.5419518	-7.163833961	-5.355915361	0.6782151	0.2103306	0.4383372	0.539764	-0.5993546
7125000000	0.628318531	2.35619449	-4.004782331	-10.42563789	-7.33530668	-5.530888145	0.63061	0.3011051	0.4297686	0.5289999	-0.4891415
7125000000	0.628318531	2.408554368	-5.122527555	-7.667319138	-10.18078146	-5.100396901	0.5544643	0.413651	0.3097141	0.5558789	-0.7539952
7125000000	0.628318531	2.460914245	-5.121830137	-7.132828993	-11.87571285	-5.459125338	0.5545089	0.4399046	0.2548088	0.5333868	-0.9994689
7125000000	0.628318531	2.513274123	-5.337598922	-8.218897871	-12.012510089	-6.873879718	0.5409038	0.3881996	0.2508263	0.6133216	-1.7009066
7125000000	0.628318531	2.565634	-6.622918336	-11.81332139	-12.97718275	-7.856596247	0.4665026	0.2566457	0.224461	0.4047345	-3.3988581
7125000000	0.628318531	2.617993878	-7.788036281	-12.81255676	-13.62946602	-7.393557586	0.4079418	0.2287558	0.208222	0.426896	-3.9321164
7125000000	0.628318531	2.670353756	-8.907427694	-8.642242908	-16.05469854	-7.218535702	0.3586151	0.3693727	0.1574944	0.43555853	-3.599733
7125000000	0.628318531	2.722713633	-10.40330957	-17.02953293	-8.518805059	-9.448825379	0.3018801	0.4340601	0.140774	0.3750226	-0.0703396
7125000000	0.628318531	2.775073511	-10.98928379	-8.139605759	-11.11621629	-11.26249311	0.2821862	0.3917597	0.2011927	0.2780924	-4.7822736
7125000000	0.628318531	2.827433388	-10.00675678	-10.75504958	-12.2041462	-13.04095368	0.3159819	0.2898995	0.2228205	0.2453537	-5.4000639
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7125000000	0.628318531	2.932153143	-8.098107719	-14.65210966	-13.05730977	-11.3019204	0.3936358	0.1850949	0.2223999	0.2722099	-5.4058492
7125000000	0.628318531	2.984513021	-8.114759537	-11.78491286	-14.19544782	-12.5923104	0.3928819	0.2574864	0.1950867	0.2346305	-5.351437
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7125000000	0.680678408	2.827433388	-10.61389365	-8.833648441	-12.21975682	-12.53139806	0.2946492	0.3616742	0.2449132	0.2682817	-4.9014315
7125000000	0.680678408	2.775073511	-9.257019709	-7.064423671	-11.27061769	-9.80312211	0.3446681	0.4343828	0.2731927	0.3234774	-3.1946092
7125000000	0.680678408	2.722713633	-8.52036156	-6.703223524	-9.542049459	-9.44883253	0.3749574	0.4622095	0.3333477	0.3369445	-2.4556892
7125000000	0.680678408	2.670353756	-11.76640336	-7.734914326	-9.880104162	-9.629327844	0.2580357	0.4100444	0.3556271	0.3300149	-3.8774436
7125000000	0.680678408	2.617993878	-13.56427885	-10.20176054	-8.100100188	-8.429283216	0.2097906	0.3089669	0.3054569	0.3789098	-4.4143906
7125000000	0.680678408	2.565634	-7.739556609	-11.32919939	-13.63660301	-6.533566716	0.410225	0.2713564	0.208051	0.4713263	-3.3437008
7125000000	0.680678408	2.513274123	-6.781239237	-10.57450164	-18.01815563	-5.434022581	0.4580765	0.2959886	0.1256297	0.5349324	-3.0077664
7125000000	0.680678408	2.460914245	-8.660224373	-9.171442542	-13.34078165	-5.56825311	0.3689681	0.3478787	0.215425	0.5268157	-2.7389731
7125000000	0.680678408	2.408554368	-8.563448189	-7.289479118	-8.832837889	-6.68646184	0.373102	0.4320421	0.361708	0.463102	-1.7770923
7125000000	0.680678408	2.35619449	-6.620094193	-6.373792009	-7.476090042	-8.059188955	0.4666543	0.4800764	0.4228589	0.3954035	-1.0097793
7125000000	0.680678408	2.303834613	-5.435720125	-6.274683626	-6.900776791	-8.93874568	0.5348278	0.4855856	0.4518155	0.3574426	-1.7731372
7125000000	0.680678408	2.251474735	-5.294352405	-6.16404093	-5.443332136	-9.174818924	0.5436037	0.4918107	0.5343593	0.3477435	-3.6581416
7125000000	0.680678408	2.199114858	-6.878986384	-6.05048947	-5.477965289	-9.103362747	0.4529504	0.4982824	0.5903394	0.3506161	-0.481313
7125000000	0.680678408										

7125000000	0.680678408	0.261799388	-8.374940597	-4.696414543	-7.251495992	-4.746129321	0.3812879	0.5823436	0.4339355	0.57902	-0.1022817
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7125000000	0.680678408	0.471238898	-13.13322936	-1.834505297	-4.818833076	-2.943236647	0.2204644	0.8096079	0.5741936	0.7125874	1.273711
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7125000000	0.680678408	0.575958653	-13.3961632	-0.429972749	-2.609737914	-2.848085761	0.2138907	0.9517028	0.7404796	0.7204365	2.36698
7125000000	0.680678408	0.628318531	-10.92665637	-0.02433065	-2.273639792	-2.287790905	0.2842282	0.9972028	0.7696938	0.7684409	2.9830444
7125000000	0.680678408	0.680678408	-7.793304623	-0.15815217	-2.349681923	-1.551239183	0.4076944	0.9819568	0.7629848	0.8364463	3.4901576
7125000000	0.680678408	0.366519143	-4.685966074	-0.842536784	-1.693731033	-0.831834428	0.5830445	0.9075554	0.8228363	0.9086774	4.142209
7125000000	0.680678408	0.785398163	-3.211627881	-2.044880932	-0.217159845	-0.236478754	0.6909054	0.7902344	0.9753085	0.9731417	4.6842442
7125000000	0.680678408	0.837758041	-3.048091643	-2.419473005	0.728004152	0.23078498	0.7040369	0.7568788	1.0874272	1.0269262	5.045575
7125000000	0.680678408	0.890117919	-3.069167529	-1.686423617	0.243865648	0.698319025	0.7023307	0.8235289	1.0284739	1.0837172	5.1967748
7125000000	0.680678408	0.942477796	-2.523248818	-1.766805562	-1.075262364	1.32014714	0.7478897	0.8159428	0.8835617	1.1641457	5.1332486
7125000000	0.680678408	0.994837674	-1.345022133	-2.755481017	-1.185965905	0.2026714328	0.8565425	0.7281585	0.872372	1.2628033	5.38997
7125000000	0.680678408	1.047197551	0.123237736	-2.088143222	0.310308558	2.522249359	1.0142894	0.7863083	1.0363714	1.3369417	6.3902633
7125000000	0.680678408	1.095557429	1.048865245	-0.085927927	1.298561149	2.59058188	1.1283485	0.990156	1.1612562	1.347501	7.2858813
7125000000	0.680678408	1.151917306	1.113350967	1.060204477	0.71742783	3.235782091	1.1367568	1.1298225	1.0861039	1.3070407	7.3466038
7125000000	0.680678408	1.204277184	0.947106645	1.415319046	-0.575170346	2.101596058	1.1152066	1.1769715	0.9359259	1.2737371	7.0472035
7125000000	0.680678408	1.256637061	1.291880795	1.908095342	-0.626373238	2.213012224	1.1603634	1.2456751	0.9304249	1.2901809	7.2847224
7125000000	0.680678408	1.308996939	1.795174857	2.769688698	0.474389036	2.483042117	1.2295855	1.3755755	1.056135	1.3309205	7.9452684
7125000000	0.680678408	1.361356817	1.613863275	3.242597067	0.897090791	2.465758673	1.2041849	1.4525459	1.1088034	1.3282748	8.120253
7125000000	0.680678408	1.413716694	0.544121178	2.78653921	-0.043627389	1.960390186	1.064648	1.3782467	0.9949898	1.2531975	7.4048606
7125000000	0.680678408	1.466076572	-0.640805196	1.44865142	-1.538228021	1.218395076	0.9288803	1.1814969	0.8377002	1.1505878	6.2322487
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7125000000	0.680678408	1.570796327	-0.268835617	-1.000654815	-1.66894704	0.58336311	0.9695232	0.8911838	0.8251875	1.0695025	5.4725172
7125000000	0.680678408	1.623156204	0.195700348	-1.067465174	-1.182843423	0.420621495	1.0227866	0.8843552	0.8726856	1.0496164	5.6421142
7125000000	0.680678408	1.675516082	-0.176215402	-1.28960737	-1.504779468	-0.190941178	0.9799169	0.8620245	0.8409323	0.9782659	5.2517046
7125000000	0.680678408	1.72787596	-1.058373379	-2.009671005	-2.820139332	-1.153678436	0.8852814	0.7934443	0.7227582	0.8756208	4.2892065
7125000000	0.680678408	1.780235837	-1.547708913	-2.671622151	-4.1637451	-1.745993905	0.8367863	0.7352227	0.6083889	0.8179002	3.5168962
7125000000	0.680678408	1.832595715	-1.370148287	-2.939106325	-4.370873779	-1.463667466	0.8540683	0.7129264	0.6045835	0.844922	3.5694672
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7125000000	0.680678408	1.93731547	-1.077892359	-4.931128382	-3.544433199	-0.317336301	0.8832942	0.5668179	0.6649337	0.9641246	3.7840748
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7125000000	0.733038286	3.191362998	-14.50141581	-19.67111028	-15.2052632	-17.41198418	0.1104549	0.1011488	0.1883342	0.1038591	-11.975485
7125000000	0.733038286	3.241592654	-20.82558407	-15.20722489	-15.03711653	-17.24069677	0.0909328	0.1736356	0.1770697	0.1373078	-10.76784
7125000000	0.733038286	3.291362998	-13.036872899	-15.62656773	-11.17414104	-13.10726278	0.1654518	0.2762441	0.1483273	0.2211425	-7.8386012
7125000000	0.733038286	3.341592654									

7125000000	0.785398163	-0.575958653	-2.595400099	-7.506819494	-3.206915376	-4.12891969	0.7417029	0.4213655	0.6912804	0.6216616	1.8544495
7125000000	0.785398163	-0.523598776	-1.61745666	-9.82375484	-6.775703878	-4.58757156	0.8300938	0.3227099	0.4583685	0.5896868	0.8312446
7125000000	0.785398163	-0.471238898	-1.117119539	-10.8874752	-9.583491826	-5.583491826	0.8793141	0.2855132	0.3185933	0.5258058	0.0399778
7125000000	0.785398163	-0.41887902	-2.243179338	-9.599524208	-9.033160677	-6.509721761	0.7723978	0.3311493	0.3534614	0.472622	-0.3111172
7125000000	0.785398163	-0.366519143	-4.41007482	-9.693909123	-7.509640579	-6.815300495	0.6018611	0.3275703	0.4212287	0.4562837	-0.8817068
7125000000	0.785398163	-0.314159265	-5.373339767	-11.03192668	-7.647734831	-7.195104378	0.5368627	0.2808042	0.4145847	0.4367619	-1.5619362
7125000000	0.785398163	-0.261799388	-4.944913136	-11.64853205	-8.180084637	-8.045146495	0.5659191	0.2615612	0.3899382	0.3960433	-1.865426
7125000000	0.785398163	-0.20943951	-4.982370841	-9.613125173	-7.698362805	-8.905495733	0.5634838	0.3306311	0.4121752	0.3586949	-1.592393
7125000000	0.785398163	-0.157079633	-5.332641509	-8.378101316	-7.146465885	-8.693044733	0.5412126	0.3811491	0.4392145	0.3675765	-1.2693924
7125000000	0.785398163	-0.104719755	-5.190854511	-10.16774067	-8.066786329	-7.599132834	0.5501198	0.3101794	0.3950578	0.416911	-1.5544821
7125000000	0.785398163	-0.052359878	-5.388230943	-11.01477625	-9.834296807	-7.126748673	0.5377599	0.2813592	0.3223184	0.4402127	-2.0383904
7125000000	0.785398163	-4.44E-16	-6.404297673	-6.929234904	-9.88571022	-7.705971542	0.4783933	0.4503376	0.3204162	0.4118143	-1.6134086
7125000000	0.785398163	0.052359878	-7.384901184	-4.720210589	-9.814197723	-8.49470007	0.4273217	0.5807503	0.3230652	0.3760668	-1.3748916
7125000000	0.785398163	0.104719755	-8.980896053	-4.138670818	-9.363273483	-8.004155412	0.3555946	0.6209641	0.3402799	0.3979168	-1.3365545
7125000000	0.785398163	0.157079633	-11.48255293	-4.24462335	-7.631932995	-6.563276019	0.2666075	0.6134354	0.4153396	0.4697169	-1.0852165
7125000000	0.785398163	0.20943951	-10.02883479	-4.773869487	-6.664140964	-5.46370741	0.3151797	0.5771737	0.4642939	0.5331073	-0.4924978
7125000000	0.785398163	0.261799388	-8.1485938	-4.481961692	-6.868896747	-4.815933114	0.3913545	0.5969005	0.4534769	0.5743853	0.0697155
7125000000	0.785398163	0.314159265	-8.506536715	-2.779565889	-6.89646959	-4.12078137	0.3755547	0.7261422	0.4520616	0.6222443	0.7325893
7125000000	0.785398163	0.366519143	-10.09307008	-1.767628153	-6.129570298	-3.340085571	0.3128574	0.8158655	0.4937663	0.6807627	1.2262292
7125000000	0.785398163	0.41887902	-11.7272802	-2.265424885	-5.354020065	-2.817020587	0.2592006	0.7704831	0.5398822	0.7230178	1.1857334
7125000000	0.785398163	0.471238898	-13.75519063	-2.62009323	-4.60680913	-2.627501	0.2052298	0.7395973	0.5883822	0.7389668	1.1082403
7125000000	0.785398163	0.523598776	-15.77235371	-0.903395831	-3.495637177	-2.616419754	0.162698	0.9012187	0.6866797	0.7399102	1.8421494
7125000000	0.785398163	0.575958653	-13.10707073	0.618900478	-2.410410774	-2.6556873	0.2211294	1.0738535	0.7576689	0.7365727	2.8890695
7125000000	0.785398163	0.628318531	-10.14138238	0.698489758	-2.101440524	-2.633768679	0.3111221	1.0837385	0.7851054	0.7384383	3.2822958
7125000000	0.785398163	0.680678408	-7.885477134	-0.341623398	-2.37260447	-2.412243895	0.4033909	0.9614326	0.7609739	0.757509	3.1772162
7125000000	0.785398163	0.730308286	-5.403782587	-1.592378499	-1.928587017	-2.031483523	0.536798	0.8324939	0.8008859	0.7914545	3.4100222
7125000000	0.785398163	0.785398163	-4.017732774	-1.680304448	-0.487442024	-1.718338651	0.6296705	0.8241092	0.9454268	0.8205085	4.1357487
7125000000	0.785398163	0.837758041	-4.087701952	-0.117858837	-0.497621876	-1.530465611	0.6246186	0.9865226	1.0589638	0.8384491	4.8819637
7125000000	0.785398163	0.890117919	-4.357476061	1.477177127	0.029190108	-1.206893117	0.6055168	1.1853834	1.0033663	0.8702727	5.2597875
7125000000	0.785398163	0.942477796	-3.414412543	1.908264491	-1.259461459	-0.43821926	0.749621	1.2456993	0.8650216	0.9057997	5.4286595
7125000000	0.785398163	0.994837674	-1.835323311	0.898907866	-1.222334449	0.709890825	0.8095317	1.1090354	0.8687269	1.0879196	5.7391292
7125000000	0.785398163	1.047197551	-0.40745325	-1.223892337	0.434532876	1.782118026	0.9541735	0.8685711	1.0513	1.2272066	6.2388539
7125000000	0.785398163	1.099557429	0.429191086	-3.016380617	0.539256906	2.413193486	1.0506536	0.7666119	1.193886	1.3202606	6.5908296
7125000000	0.785398163	1.151917306	0.510843205	-2.975826713	1.070490322	2.618873295	1.0605769	0.7099188	1.1311612	1.3518972	6.5544393
7125000000	0.785398163	1.204277184	0.381112919	-1.757251695	-0.128971314	2.689167542	1.0448541	0.8168408	0.9852613	1.362884	6.464709
7125000000	0.785398163	1.256637061	0.79698866	0.014398129	-0.183713882	2.843176858	1.0960981	1.001659	0.9790713	1.3872631	6.9740619
7125000000	0.785398163	1.308996939	1.470567366	1.751615445	0.920432733	2.942670955	1.1848417	1.2234346	1.1117871	1.4032451	7.32739062
7125000000	0.785398163	1.361369631	1.489342962	2.7393093	1.384354369	2.647036028	1.1870449	1.3707728	1.1727832	1.3562876	8.1084444
7125000000	0.785398163	1.413716694	0.618169684	2.646558283	0.365339197	1.805444015	1.0737631	1.356213	1.0429647	1.2310041	7.4287111
7125000000	0.785398163	1.460767572	-0.319865589	1.524163205	-0.59457002	0.666739388	0.9638439	1.1918131	0.8405763	1.0797842	6.184121
7125000000	0.785398163	1.518436449	-0.303458533	-0.17955292	-2.553262284	-0.249030855	0.9656663	0.9795404	0.7453099	0.9717364	5.2543669
7125000000	0.785398163	1.570796327	-0.404253446	-1.441013088	-0.262264662	-0.649944913	1.0476414	0.8471286	0.7919334	0.9279034	5.1406624
7125000000	0.785398163	1.623156204	0.684709173	-1.563893999	-1.19894242	-0.75629396	1.0820204	0.8352285	0.8710697	0.9166115	5.3550004
7125000000	0.785398163	1.675516082	-0.025783224	-1.239484796	-1.252323267	-0.937064444	0.997036	0.866967	0.8657418	0.8977321	5.7114933
7125000000	0.785398163	1.727879596	-1.286787899	-0.908188977	-2.29082585	-1.269910146	0.8623044	0.9007215	0.7681742	0.8639816	4.5966561
7125000000	0.785398163	1.780235837	-2.108161431	-0.427263252	-3.87589046	-1.485098927	0.7844982	0.9519998	0.6770497	0.8428398	4.7342125
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7125000000	0.785398163	1.93731547	-1.502220594	-2.380187346	-2.516314128	-1.144151927	0.8411801	0.7603099	0.7484847	0.8765817	4.1541852
7125000000	0.785398163	1.989675347	-1.551127112	-5.192401761	-3.258821328	-1.750400189	0.836457	0.5500218	0.6871617	0.8174854	3.2007402
7125000000	0.785398163	2.042035225	-2.517579769	-4.983879559	-4.818608846	-2.75341305	0.748378	0.563386	0.5742084	0.7283139	3.2625229
7125000000	0.785398163	2.094395102	-3.456673796	-1.869395877	-6.159539398	-3.485962784	0.671686	0.8063623	0.4920656	0.6694249	2.4099612
7125000000	0.785398163	2.146754988	-3.128213151	-0.196072162	-6.593695946	-3.646806863	0.6975725	0.9776792	0.4680747	0.6571427	2.9240158
7125000000	0.785398163	2.199114858	-2.818270599	-0.775619409	-7.928252584	-3.772873661	0.7229137	0.9145744	0.4014092	0.6476738	2.5633671
7125000000	0.785398163	2.251474765	-3.149018702	-4.072013091	-9.780423091	-4.131065931	0.6959036	0.6257478	0.3243238	0.621508	1.9028082
7125000000	0.785398163	2.303834613	-3.642165685	-8.963975515	-7.151062973	-4.319424753	0.6574939	0.455028	0.4389821	0.6081753	2.0670472
7125000000	0.785398163	2.35619449	-4.809323717	-7.032187511	-5.696078454	-4.147356432	0.5748226	0.3463184	0.5190343	0.6203434	0.665385
7125000000	0.785398163	2.408554268	-6.873500708	-5.446150122	-7.860954277	-4.353027662	0.4532366	0.534186	0.4045314	0.605827	-0.0096423
7125000000	0.785398163	2.460914325	-7.74156794	-6.355582481	-1.01608906	-5.755561676	0.4085942	0.481084	0.2620991	0.515492	-1.5804853
7125000000	0.785398163	2.513274123	-7.590653063	-8.827024399	-10.88858476	-8.153575205	0.4173182	0.3619502	0.2854768	0.3911301	-2.7581167
7125000000	0.785398163	2.565634	-8.133634523	-10.33987415	-9.659954243	-9.168445293	0.3902291	0.3404929	0.3288534	0.3479988	-3.2673528
7125000000	0.785398163	2.617993878	-9.326183732	-6.577393964	-10.04466547	-8.347197299	0.3417361	0.4689541	0.3146058	0.3825707	-2.4537055
7125000000	0.785398163	2.670353756	-10.32830667	-4.250344892	-13.52464323	-7.988113836	0.3044982	0.6130314	0.2107501	0.3986253	-2.3442056
7125000000	0.785398163	2.722713633	-10.84647853	-4.610224659	-20.21426549	-8.403647226	0.286864	0.5881509	0.097559	0.3800298	-3.3971886
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7125000000	0.785398163	2.827433388	-10.72419436	-10.36352113	-11.42773361	-9.161333409	0.2909312	0.3032662	0.3628309	0.4283397	-4.8772474
7125000000	0.785398163	2.879793266	-9.990560465	-14.40008836	-11.12993798	-9.441672462	0.3165716	0.1905441	0.2776535	0.3372224	-5.0208079
7125000000	0.785398163	2.93215314									

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7125000000	0.837758041	-0.837758041	2.864449893	-7.091278556	-0.397860752	-2.006444273	1.3906649	0.442014	1.0468707	0.7937391	5.2805015
7125000000	0.837758041	-0.785398163	0.591949777	-7.665201322	-0.548167781	-2.862366153	1.0705267	0.4137518	0.9388401	0.719253	5.4525508
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7125000000	0.837758041	-0.628318531	-2.252992602	-7.574071238	-0.992762529	-4.151578484	0.7715257	0.4181157	0.8919939	0.620042	2.6120691
7125000000	0.837758041	-0.575958653	-2.754028908	-7.051087572	-2.394468812	-4.372587586	0.7282803	0.4440641	0.7590608	0.6044643	2.0619377
7125000000	0.837758041	-0.523598776	-1.7797662	-8.652908932	-5.593414679	-4.910257289	0.8147262	0.369279	0.5252055	0.5688168	1.1281568
7125000000	0.837758041	-0.471238898	-1.282062208	-9.448251662	-8.477687455	-6.012513216	0.8622737	0.336967	0.3768041	0.5004657	0.3281741
7125000000	0.837758041	-0.41887902	-2.400798723	-8.95248853	-8.110338414	-6.912487208	0.7585078	0.3567595	0.3930819	0.4512068	-0.177446
7125000000	0.837758041	-0.366519143	-4.560254286	-9.4349535	-7.070558758	-7.089001334	0.5915443	0.3374833	0.4430697	0.4421299	-0.8467659
7125000000	0.837758041	-0.314159265	-5.44587352	-10.77263807	-7.405855204	-7.452521932	0.534203	0.2893131	0.4262921	0.4240079	-1.5464455
7125000000	0.837758041	-0.261799388	-4.848681755	-11.26936949	-7.906906852	-8.38568038	0.5722238	0.273232	0.4023969	0.3808167	-1.7839412
7125000000	0.837758041	-0.20943951	-4.814844785	-9.370046908	-7.399279667	-9.234025348	0.5744573	0.3400147	0.4266149	0.3453812	-1.4810373
7125000000	0.837758041	-0.157079633	-5.282093662	-8.234035512	-6.940740506	-8.830170749	0.5443714	0.3875237	0.4497415	0.3618191	-1.1923871
7125000000	0.837758041	-0.104719755	-10.04719755	-10.04330754	-7.961584405	-7.624891634	0.5472001	0.314655	0.3998718	0.4156764	-1.5278501
7125000000	0.837758041	-0.052359878	-5.393078773	-11.00902461	-9.782913497	-7.14004989	0.5374599	0.2815456	0.3242308	0.4395188	-2.0323249
7125000000	0.837758041	-4.44E-16	-6.404297431	-6.929234932	-9.88570992	-7.70597184	0.4783933	0.4503376	0.3204162	0.4118143	-1.6134086
7125000000	0.837758041	0.052359878	-7.462999291	-4.692145585	-9.817985789	-8.461858148	0.4234967	0.5826298	0.3229243	0.3774914	-1.378259
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7125000000	0.837758041	0.157079633	-11.47199178	-4.348096503	-7.498253611	-6.507191676	0.2669319	0.606171	0.4217813	0.4727597	-1.0277045
7125000000	0.837758041	0.20943951	-9.941729186	-4.802914244	-6.566127233	-5.35987129	0.3183564	0.5752469	0.4695628	0.5395186	-0.4332637
7125000000	0.837758041	0.261799388	-8.180132359	-4.350850236	-6.735320339	-4.738017194	0.389936	0.6059789	0.4605046	0.579561	-0.5760485
7125000000	0.837758041	0.314159265	-8.655294211	-2.778969085	-6.64533189	-4.153386496	0.3691776	0.7261921	0.4653003	0.6199129	-0.7508522
7125000000	0.837758041	0.366519143	-10.32934431	-2.011920346	-5.847997475	-3.435935362	0.3044618	0.7932389	0.5100352	0.6732917	-1.1420104
7125000000	0.837758041	0.41887902	-11.89581974	-2.692595126	-5.160390582	-2.854527086	0.2542196	0.7334188	0.5520526	0.7199024	-1.0600062
7125000000	0.837758041	0.471238898	-13.44742753	-2.805554642	-4.532046814	-2.489705586	0.212632	0.7239728	0.5934685	0.7507835	-1.1413605
7125000000	0.837758041	0.523598776	-15.31111397	-0.655612197	-3.454104368	-2.207933504	0.1715712	0.9272981	0.6718847	0.7755384	-2.0975659
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7125000000	0.837758041	0.628318531	-10.21296172	0.906526831	-2.027417365	-1.867834165	0.3085687	1.1100086	0.7918249	0.8065073	-3.5706456
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7125000000	0.890117919	0.314159265	-8.9507088	-2.782982822	-6.411875565	-4.118339368	0.3568326	0.7258566	0.4779761	0.6224193	0.7608118
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7125000000	0.890117919	1.832595715	-3.598597026	1.311860562	-3.176851822	-2.11222401	0.6608002	1.1630357	0.6936772	0.7841334	4.3540085
7125000000	0.890117919	1.884955592	-3.461767411	0.907865637	-2.84884841	-2.008680873	0.6712922	1.1101797	0.7203733	0.7935348	4.33751
7125000000	0.890117919	1.93731547	-2.894223854	-1.063207754	-2.856764993	-2.00689178	0.7166198	0.8847888	0.719717	0.7936898	3.8460861
7125000000	0.890117919	1.989675347	-2.559507348	-5.112783135	-3.683589122	-2.328383309	0.7447742	0.5550867	0.6864076	0.764858	2.7696914
7125000000	0.890117919	2.042035225	-3.084396315	-8.477435625	-4.375698752	-2.8202595	0.7011004	0.376815	0.6042478	0.7227482	1.6013812
7125000000	0.890117919	2.094395102	-3.7								

7125000000	0.942477796	-1.832595715	-3.035419905	-5.811203662	-5.444214462	-2.729185774	0.7050648	0.51222003	0.534305	0.7303663	1.8752129
7125000000	0.942477796	-1.780235837	-1.899223959	-5.530777966	-5.059602821	-2.463772609	0.803597	0.5290066	0.5584957	0.7530284	2.4250518
7125000000	0.942477796	-1.72787596	-1.039197164	-4.594551926	-3.89136691	-2.13553703	0.887238	0.55892131	0.6769291	0.7820298	3.3327755
7125000000	0.942477796	-1.675516082	-0.333039578	-4.004901714	-2.075769282	-2.196820526	0.9623832	0.630601	0.7874292	0.7765313	3.9647936
7125000000	0.942477796	-1.623156204	0.040971859	-4.290158971	-1.931472278	-2.747892839	1.0047282	0.6102279	0.8006199	0.728795	3.9300756
7125000000	0.942477796	-1.570796327	0.419996144	-5.109433097	-2.384667666	-3.368763487	1.049542	0.5553009	0.7599178	0.6785187	4.6342364
7125000000	0.942477796	-1.518436449	1.562187342	-5.612820673	-1.975282054	-3.382787492	1.1970419	0.5254034	0.7965332	0.6774241	4.0689050
7125000000	0.942477796	-1.466076572	3.189765549	-5.384313568	-0.517962361	-2.805261441	1.4437376	0.5380025	0.9421106	0.7239973	5.2201348
7125000000	0.942477796	-1.413716694	4.275292976	-4.9368006	0.501424825	-2.332643447	1.6360497	0.5664479	1.0594275	0.764483	6.0777559
7125000000	0.942477796	-1.361356817	4.422254482	-5.106608739	0.206365383	-2.276941644	1.6638445	0.5554815	1.0240432	0.7694013	6.0482863
7125000000	0.942477796	-1.308996939	3.996930835	-6.017655887	-0.731648892	-2.296054347	1.5843333	0.5001695	0.919216	0.7677102	5.5095185
7125000000	0.942477796	-1.256637061	3.6701748	-6.772447745	-0.5770003	-1.902502163	1.5258391	0.4585404	0.9357288	0.8032947	5.3982009
7125000000	0.942477796	-1.204277184	3.493606682	-6.457673593	0.891054172	-1.161445477	1.4951347	0.4754626	1.108033	0.8748382	5.9189658
7125000000	0.942477796	-1.151917306	2.816590701	-5.75069258	2.117926533	-0.51006155	1.3830234	0.515781	1.2761346	0.9429679	6.2729307
7125000000	0.942477796	-1.095557429	1.519321148	-5.887264729	2.100273641	-0.148268053	1.1911489	0.5077346	1.2735432	0.9830479	5.9234314
7125000000	0.942477796	-1.047197551	1.295945159	-7.061558591	1.03655181	0.064429041	1.1609065	0.4435291	1.1267501	1.0074452	5.4336519
7125000000	0.942477796	-0.994837674	2.913534899	-8.10064407	0.151156904	0.316957869	1.398546	0.3935209	1.0175549	1.0371651	5.813625
7125000000	0.942477796	-0.942477796	4.208462883	-8.051152442	0.459357579	0.514703466	1.623391	0.3957696	1.0543111	1.0610483	6.3079022
7125000000	0.942477796	-0.890117919	4.155585388	-7.67657133	1.151039496	0.298325722	1.6135383	0.4132106	1.1416999	1.0349247	6.4513968
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7125000000	0.942477796	-0.733038286	-1.596778399	-8.945744517	-0.787929663	-3.225762432	0.8320723	0.3570366	0.9132791	0.689782	2.8982375
7125000000	0.942477796	-0.680678408	-1.545741912	-8.388259192	-0.395793358	-4.038003585	0.8369758	0.3807036	0.9554552	0.6287237	2.9283236
7125000000	0.942477796	-0.628318531	-2.107919934	-6.683597495	-0.003287167	-4.470195514	0.78452	0.463255	0.9996216	0.5977096	3.0613697
7125000000	0.942477796	-0.575958653	-2.8867822	-6.170447765	-0.999356557	-4.843076176	0.717234	0.491448	0.8912575	0.5725932	6.2729307
7125000000	0.942477796	-0.523598776	-2.301663203	-6.826016678	-3.44764845	-5.55594378	0.7672146	0.4557211	0.6723843	0.5274761	1.6653736
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7125000000	0.942477796	-0.41887902	-2.890916412	-8.250921434	-5.940017505	-6.994929408	0.7168927	0.386771	0.5046603	0.4469444	0.2367713
7125000000	0.942477796	-0.366519143	-4.959878096	-9.571094835	-5.873544474	-6.801871764	0.5649449	0.3322349	0.5085373	0.4569897	-0.6177101
7125000000	0.942477796	-0.314159265	-5.604155124	-10.97624385	-6.79637569	-7.147099514	0.5245565	0.2826102	0.457279	0.4391826	-1.3931032
7125000000	0.942477796	-0.261799388	-4.670872293	-11.03829617	-7.432294234	-8.239399714	0.5840585	0.2805984	0.4249964	0.3872844	-1.5302609
7125000000	0.942477796	-0.20943951	-4.500230461	-9.078442577	-6.930244435	-9.195958579	0.5956463	0.3516235	0.4502853	0.3468967	-1.1874201
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7125000000	0.942477796	-0.052359878	-5.413535724	-10.95931903	-9.694596553	-7.156407437	0.5361956	0.2831614	0.3275444	0.4387121	-2.1066534
7125000000	0.942477796	-4.44E-16	-6.404297776	-6.929234943	-9.885710219	-7.705971669	0.4783933	0.4503376	0.3204162	0.4118143	-1.6134078
7125000000	0.942477796	0.052359878	-7.616014232	-4.648511126	-9.828257521	-8.361503372	0.4161015	0.5855884	0.3225426	0.3818782	-1.3804559
7125000000	0.942477796	0.104719755	-9.268348743	-4.217658364	-9.142112417	-7.803413743	0.3440191	0.6153427	0.3490554	0.4072202	-1.3320895
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7125000000	0.942477796	1.095557429	-2.871153682	2.008758698	-1.284011246	0.7499515297	0.7185257	1.2601955	1.1593126	1.0901739	6.5052264
7125000000	0.942477796	1.151917306	-2.929470213	2.135606105	1.273264297	0.205235061	0.7137177	1.2787343	1.1578991	1.0239205	6.3909726
7125000000	0.942477796	1.204277184	-3.016420667	2.531499873	0.703470377	-0.471166949	0.7066087	1.3383663	1.0843226	0.9471996	6.1851432
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7125000000	0.942477796	1.466076572	-1.57415956	1.240250526	1.045032364	-1.514173735	0.8342419	1.1534865	1.1278507	0.840023	5.9262358
7125000000	0.942477796	1.518436449	-1.261045885	-0.442939408	-0.093983413	-1.853421449	0.8468638	0.9502832	0.9892381	0.8078466	5.134912
7125000000	0.942477796	1.570796327	-0.417420402	-1.615433629	-2.065686853	-0.9530792	0.9530792	0.80302872	0.9533269	0.7883438	4.9227368
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7125000000	0.994837674	-1.93731547	-3.333966689	-6.642220245	-4.023895518	-2.843805131	0.6812424	0.4654671	0.6292239	0.8087415	2.2275187
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7125000000	0.994837674	-1.832595715	-1.361412308	-6.205352147	-4.921470296	-2.219861675	0.8549277	0.4894771	0.5674485	0.7744741	2.5625792
7125000000	0.994837674	-1.780235837	-0.450610325	-5.665755257	-4.948112964	-2.152528021	0.9494443	0.5208495	0.5657106	0.7805012	2.9736126
7125000000	0.994837674	-1.72787596	0.118864765	-4.524483679	-3.724503496	-1.868518582	1.0137789	0.5939855	0.6512906	0.8064437	3.7094228
7125000000	0.994837674	-1.675516082	0.51477013	-3.789135726	-2.61311597	-1.972048738	1.0610565	0.6464623	0.7401917	0.7968885	4.2026207
7125000000	0.994837674	-1.623156204	0.641278906	-3.859642464	-2.549706294	-2.587855389	1.0766237	0.641236	0.7456151	0.7423475	4.0981888
7125000000	0.994837674	-1.570796327	0.796722384	-4.322323655	-3.045048657	-3.103129936	1.0960645	0.6079723	0.7042836	0.6995899	3.8287696
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7125000000	0.994837674	-1.466076572	3.435118204	-3.915703103	-1.047349069	-1.991094534	1.4851007	0.6371106	0.8864057	0.7951431	5.5836625
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7125000000	0.994837674	-1.361356817	4.825903219	-3.289034137	-0.175480176	-1.654997365	1.7429917	0.6847756	0.9799998	0.8265138	6.5149923
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7125000000	0.994837674	-0.942477796	3.97650766	-6.704105463	0.368540437	0.682541611	1.5806124	0.4621625	1.0433428	1.0817504	3.6776795
7125000000	0.994837674	-0.890117919	3.891641562	-6.666359306	1.089383072	0.381746894	1.5652441	0.4641753	1.1336243	1.0449304	6.4608612
7125000000	0.994837674	-0.837758041	2.346349639	-6.740377954	0.936109746	-0.633858198	1.3101393	0.4602365	1.1137956	0.9296235	5.6065468
7125000000	0.994837674	-0.785398163	-0.055371645	-7.028424189	-0.123145444	-2.173362083	0.9936454	0.4452242	0.9859224	0.7786314	4.0916869
7125000000	0.994837674	-0.733038286	-1.246221211	-7.478383162	-0.836525685	-3.666541071	0.8663411	0.4227473	0.9081837	0.6556133	3.0852026
7125000000	0.994837674	-0.680678408	-1.128880568	-7.234860068	-0.330594258	-4.658051213	0.8781243	0.4347674	0.9626541	0.5849213	3.1081393
7125000000	0.994837674	-0.628318531	-1.824108361	-6.331885378	0.20005472	-5.177160045	0.8105776	0.4823983	1.0232994	0.5509878	3.128751
7125000000	0.994837674	-0.575986653	-2.950400199	-6.041472502	-0.601461177	-5.566601553	0.712	0.4987999	0.9330973	0.5268293	2.5119885
7125000000	0.994837674	-0.523598776	-2.633073452	-6.546175888	-2.711530975	-6.245262198	0.7384929	0.4706426	0.7318523	0.4872332	1.6851643
7125000000	0.994837674	-0.471238898	-2.146375312	-7.312081441	-4.58980104	-7.052155121	0.7810543	0.4309193	0.5895355	0.444011	1.005739
7125000000	0.994837674	-0.418897902	-3.11293752	-8.437207836	-4.993746021	-7.077122541	0.6988004	0.3785643	0.5627464	0.442735	0.3525433
7125000000	0.994837674	-0.366519143	-5.139377898	-10.11563474	-5.272841706	-6.647458267	0.5533897	0.3120454	0.5449195	0.4651865	-0.5579194
7125000000	0.994837674	-0.314159265	-5.68833199	-11.49223738	-6.909876558	-6.909876558	0.5194974	0.2663104	0.7426564	0.5413424	-1.3534897
7125000000	0.994837674	-0.261799388	-4.60896427	-11.17454298	-7.241264776	-7.976354638	0.5882363	0.2762313	0.434447	0.3991924	-1.4212994
7125000000	0.994837674	-0.20943951	-4.37289313	-9.033510811	-6.764489681	-8.953615732	0.604443	0.3534471	0.4589607	0.3607132	-1.0463687
7125000000	0.994837674	-0.157079633	-5.1022949	-7.993456579	-6.544315612	-8.619417415	0.5557574	0.3984072	0.4707344	0.3707056	-0.9363424
7125000000	0.994837674	-0.104719755	-5.369771795	-9.777267049	-7.79407335	-7.541821723	0.538904	0.3244417	0.4076583	0.419671	-1.4593974
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7125000000	0.994837674	-4.44E-16	-6.404297509	-6.929235034	-8.895710226	-7.705971605	0.4783933	0.4503376	0.3204162	0.4118143	-1.6134086
7125000000	0.994837674	0.052359878	-7.69062363	-4.632064721	-9.835540291	-8.294175308	0.4125426	0.5866739	0.3222687	0.3848498	-1.3793142
7125000000	0.994837674	0.104719755	-9.335224743	-4.250283083	-9.120721991	-7.666069437	0.3413805	0.6130358	0.3499161	0.4317105	-1.3919197
7125000000	0.994837674	0.157079633	-11.35783887	-4.675582996	-7.466650452	-6.070974954	0.2704631	0.5837419	0.4233187	0.4971086	-1.0384323
7125000000	0.994837674	0.20943951	-10.13629941	-4.816446004	-6.700311355	-4.758940293	0.3113042	0.5743514	0.4623644	0.5181666	-0.3266324
7125000000	0.994837674	0.261799388	-8.984686732	-3.936238826	-6.648057682	-4.154547444	0.3554395	0.6356061	0.465275	0.6198367	-0.2646049
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7125000000	0.994837674	0.575986653	-10.95721821	0.945620452	-2.829184001	-0.841590673	0.2832299	1.1150158	0.722006	0.9076543	3.6022478
7125000000	0.994837674	0.628318531	-9.465652274	1.149018955	-2.555654836	0.153035925	0.3362927	1.1413444	0.7451046	1.017775	4.1912664
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7125000000	0.994837674	0.733038286	-8.77387985	-0.303047671	-3.155405269	0.931547238	0.3647115	0.965712	0.6953885	1.132107	3.9137948
7125000000	0.994837674	0.785398163	-6.900698662	1.0672421	-1.998982632	0.104081082	0.4518195	1.1307383	0.7943381	1.1238389	4.8625843
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7125000000	0.994837674	0.890117919	-5.54136695	3.120659919	-1.812591294	1.278286282	0.5283621	1.4322967	0.8116531	1.1585488	5.869153
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7125000000	0.994837674	0.994837674	-4.251574755	1.53731818	-2.626321401	1.318511686	0.6129447	1.1936195	0.739067	1.1639266	5.3658448
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7125000000	0.994837674	1.099557429	-4.469167647	2.20464003	1.107246095	0.917179042	0.5977803	1.2889379	1.1359581	1.1113707	6.3609804
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7125000000	0.994837674										

7125000000	1.047197551	-2.670353756	-7.970943174	-6.766019396	-10.90289089	-8.365363935	0.3994412	0.4588799	0.285007	0.3817085	-2.3549951
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7125000000	1.047197551	-1.308996939	4.381845237	-2.360639827	-0.39530316	-2.681538903	1.6561218	0.7620229	0.8378932	0.7343837	5.9997757
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7125000000	1.047197551	-1.151917306	4.533971257	-2.412160443	1.086349077	-2.74979034	1.6508156	0.7575163	1.1332284	0.7286358	6.5883564
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7125000000	1.047197551	-0.994837674	2.571937479	-5.833908171	-0.51781426	-0.411517152	1.3446117	0.5108632	0.9421266	0.9537271	5.4631023
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7125000000	1.047197551	-0.733038286	-0.762656798	-6.568741471	-1.13076141	-4.248147593	0.9159403	0.4694214	0.8779341	0.6131866	5.1663645
7125000000	1.047197551	-0.680678408	-0.628234757	-6.535053158	-0.498607641	-5.344615664	0.9302255	0.4712456	0.9442122	0.504067	3.1857794
7125000000	1.047197551	-0.628318531	-1.541137027	-6.213107549	-7.171099144	-6.101635835	0.8374197	0.4890403	1.0199889	0.4953569	3.0512878
7125000000	1.047197551	-0.575988653	-3.059327478	-6.175755993	-0.445113858	-6.623137706	0.7031268	0.4911478	0.9500453	0.4664908	2.3149077
7125000000	1.047197551	-0.523598776	-2.966277471	-6.65896299	-2.245592597	-2.776549876	0.7106997	0.4654707	0.7721888	0.4326858	1.5114686
7125000000	1.047197551	-0.471238898	-2.379732502	-7.541910172	-3.812742909	-7.838363787	0.7603497	0.4196667	0.6447077	0.4055489	0.9467008
7125000000	1.047197551	-0.41887902	-3.244800577	-9.04413047	-4.240745641	-7.445503343	0.6882718	0.3530153	0.6137093	0.4243506	0.9373934
7125000000	1.047197551	-0.366519143	-5.253058327	-11.07664205	-4.756776196	-6.725462367	0.5461942	0.2793624	0.5783106	0.4610276	0.6075133
7125000000	1.047197551	-0.314159265	-5.764555399	-12.32725959	-6.192460417	-6.820480313	0.5149585	0.2419006	0.4902041	0.4560171	-1.3959245
7125000000	1.047197551	-0.261799388	-4.57230153	-11.46487085	-7.085889364	-7.762593765	0.5907244	0.2671508	0.4422884	0.4091385	-1.3642236
7125000000	1.047197551	-0.20943951	-4.274565435	-9.052892702	-6.644563867	-6.865871491	0.6113244	0.3256993	0.4653415	0.3678802	-0.9286454
7125000000	1.047197551	-0.157079633	-5.053017148	-7.978874607	-6.484086881	-8.440088814	0.5589193	0.3990766	0.47377	0.3784422	-0.8660296
7125000000	1.047197551	-0.104719755	-5.413365452	-9.722241659	-7.787811376	-7.482349023	0.5362061	0.3265036	0.4079523	0.4225543	-1.4463511
7125000000	1.047197551	-0.052359878	-5.44575591	-10.86351592	-9.625841592	-7.161636515	0.5342102	0.2863019	0.3301611	0.4384841	-1.9974565
7125000000	1.047197551	-4.446-16	-6.404297362	-6.929235228	-9.885710489	-7.705971762	0.4789393	0.4503376	0.3204162	0.4118143	-1.6134087
7125000000	1.047197551	0.052359878	-7.763801999	-4.619851017	-9.845011202	-8.216071967	0.4090816	0.5874994	0.3219127	0.3883259	-1.3768046
7125000000	1.047197551	0.104719755	-9.390678251	-4.284058076	-9.126983167	-7.497947552	0.339208	0.6106567	0.3496639	0.4217962	-1.3033436
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7125000000	1.047197551	0.261799388	-9.489871512	-3.794837434	-6.761633163	-3.946640514	0.3353563	0.6460381	0.4591117	0.6348454	-0.3212331
7125000000	1.047197551	0.314159265	-10.73564086	-2.726542617	-6.044572085	-3.875014846	0.290548	0.7305886	0.4986622	0.6401021	0.6679148
7125000000	1.047197551	0.366519143	-12.15102278	-2.544673031	-5.209548057	-3.881748054	0.2468589	0.7460473	0.5489371	0.6396061	0.7543031
7125000000	1.047197551	0.41887902	-12.51271781	-3.126243324	-5.039329077	-3.767511774	0.2367904	0.6977307	0.5598008	0.6480737	0.5973937
7125000000	1.047197551	0.471238898	-12.56171955	-2.8056641	-5.05462415	-3.737301277	0.2354583	0.7239637	0.5588159	0.6781642	0.8136378
7125000000	1.047197551	0.523598776	-11.78180987	-0.906045787	-4.293400779	-2.421272233	0.2575784	0.9009438	0.6100002	0.756722	2.0254687
7125000000	1.047197551	0.575958653	-10.2292089	0.660225444	-3.198099728	-1.079822435	0.3079921	1.0789747	0.6919823	0.883098	3.4112393
7125000000	1.047197551	0.628318531	-9.125247423	1.054032196	-2.946707584	0.087633963	0.3497338	1.1290199	0.7123027	1.0101403	4.0856475
7125000000	1.047197551	0.680678408	-9.391263798	0.650849556	-3.504589057	0.77624717	0.3391851	1.0778107	0.6679909	1.0934838	4.0236768
7125000000	1.047197551	0.733038286	-9.199715027	0.752662117	-3.948284608	1.048728375	0.3467482	1.0905187	0.6761745	1.1283307	4.1953047
7125000000	1.047197551	0.785398163	-7.458001827	2.087798465	-2.090641025	1.136391429	0.4237404	1.2717154	0.7860822	1.1397762	5.1567241
7125000000	1.047197551	0.8									

7125000000	1.099557429	-3.089232776	-20.25416333	-15.23125188	-14.3404445	-16.28488746	0.0971162	0.1731559	0.1918571	0.1533754	-10.235974
7125000000	1.099557429	-3.036872899	-16.72118507	-12.10325393	-15.36862106	-12.09269209	0.1458615	0.2482203	0.170439	0.2485227	-7.8183282
7125000000	1.099557429	-2.984513021	-16.03019338	-8.109374193	-17.96019386	-9.553242131	0.1579393	0.3931256	0.1264708	0.3329185	-5.9302673
7125000000	1.099557429	-2.932153143	-18.096149	-7.548771275	-18.61292128	-8.690391287	0.1245067	0.4193353	0.1173151	0.3676888	-5.7735933
7125000000	1.099557429	-2.879793266	-18.06632088	-9.637392014	-16.21339165	-9.039908785	0.124935	0.3297087	0.1546341	0.3531869	-6.3528236
7125000000	1.099557429	-2.827433388	-14.78546028	-9.77728482	-12.09094273	-9.680238844	0.1822749	0.324441	0.2509273	0.3280863	-5.3061671
7125000000	1.099557429	-2.77053111	-12.49446548	-7.948341717	-9.329652785	-9.618754292	0.2372885	0.4004819	0.3415996	0.3304169	-3.6765866
7125000000	1.099557429	-2.722713633	-12.34513788	-7.110504687	-9.062767944	-9.208295392	0.2414032	0.4410367	0.3522586	0.3464059	-3.2160695
7125000000	1.099557429	-2.670353756	-10.09830611	-7.218750475	-10.26683564	-9.130860983	0.1326689	0.4355745	0.3066608	0.3495079	-3.0707089
7125000000	1.099557429	-2.617993878	-8.819200208	-6.907768028	-11.50475782	-9.049776788	0.3622764	0.451452	0.2659268	0.3527859	-2.8996649
7125000000	1.099557429	-2.565634	-10.85578241	-5.753848983	-12.30259603	-8.497454457	0.2865569	0.5155936	0.2425885	0.3759476	-2.9706342
7125000000	1.099557429	-2.513274123	-13.89606488	-5.568126107	-12.73835453	-7.754505145	0.2019281	0.5267368	0.2307184	0.4095196	-3.2931463
7125000000	1.099557429	-2.460914245	-13.20174083	-7.177864279	-12.17276048	-7.23813093	0.2187323	0.4406632	0.2462419	0.4346037	-3.4769488
7125000000	1.099557429	-2.408554368	-11.76899778	-9.36023836	-11.19971584	-7.263399297	0.2579587	0.3403988	0.2754319	0.4333413	-3.69422
7125000000	1.099557429	-2.35619449	-10.82152563	-9.153381072	-11.13239716	-8.102017794	0.2876893	0.3486029	0.2775749	0.3934587	-3.692924
7125000000	1.099557429	-2.303834613	-9.87479329	-7.337290795	-11.56107798	-9.475007919	0.3208192	0.4296704	0.264208	0.3359306	-3.4098832
7125000000	1.099557429	-2.251474735	-8.126739105	-6.195908246	-10.35007591	-9.681548282	0.3923404	0.4900906	0.303736	0.3280363	-2.417378
7125000000	1.099557429	-2.199114858	-6.667954189	-5.777452808	-8.728228422	-8.162152594	0.4640901	0.5141944	0.3660906	0.390744	-1.2340138
7125000000	1.099557429	-2.14675498	-6.93781886	-5.668949462	-8.59832755	-6.642059038	0.4498928	0.520658	0.3716066	0.4654757	-0.8783943
7125000000	1.099557429	-2.094395102	-7.909637702	-5.882723239	-8.943389366	-5.552989536	0.4022704	0.5800001	0.3571335	0.5276556	-0.9302025
7125000000	1.099557429	-2.042035225	-6.705960236	-6.367481941	-7.810944563	-4.618078547	0.4620638	0.4804253	0.4068673	0.5876193	-0.278116
7125000000	1.099557429	-1.989675347	-5.244556171	-6.382533213	-5.496233591	-3.984154117	0.5467291	0.4795936	0.5311147	0.6321095	0.7864848
7125000000	1.099557429	-1.93731547	-4.315275734	-5.932798933	-3.864693563	-4.055674738	0.6084665	0.5050799	0.6408632	0.626926	1.5158095
7125000000	1.099557429	-1.884955592	-2.949084376	-6.102488325	-3.579919416	-4.83902671	0.7121079	0.4953083	0.6622226	0.5728602	1.736088
7125000000	1.099557429	-1.832595715	-1.226652106	-7.038018708	-4.134383859	-5.319972623	0.8682952	0.4447327	0.6212706	0.5420026	1.8554691
7125000000	1.099557429	-1.780235837	0.277572524	-7.338883807	-4.345239544	-4.425678335	1.0324728	0.4295916	0.6063704	0.6007809	2.5070736
7125000000	1.099557429	-1.72787596	1.348283548	-6.402222123	-3.686377498	-3.244919029	1.1679229	0.4785077	0.6541557	0.6882624	3.4894786
7125000000	1.099557429	-1.675516082	1.916391907	-5.650243238	-3.035066707	-2.775536912	1.2468655	0.5217805	0.7050934	0.7264791	4.0829928
7125000000	1.099557429	-1.623156204	1.914520625	-5.630300742	-3.05201053	-2.86204415	1.2465969	0.5329799	0.6835022	0.7192797	4.0070457
7125000000	1.099557429	-1.570796327	1.660474049	-5.578096014	-4.133311208	-2.83600251	1.2106642	0.5261326	0.6213473	0.7214394	3.7492399
7125000000	1.099557429	-1.518436449	1.979865945	-4.720322564	-3.868634608	-2.405587928	1.2560106	0.5807429	0.6405725	0.7580897	4.1870016
7125000000	1.099557429	-1.466076572	3.061927459	-3.333109479	-2.245802574	-2.01853554	1.4226444	0.6813096	0.7721645	0.792365	5.2697709
7125000000	1.099557429	-1.4137116694	3.928976403	-2.125132503	-1.01461553	-2.132937647	1.5719865	0.7829668	0.8897525	0.7822636	6.0789669
7125000000	1.099557429	-1.361356817	3.990660126	-1.635980817	-1.117531536	-2.786609729	1.5831899	0.8283254	0.8792724	0.7255536	6.0560122
7125000000	1.099557429	-1.308996939	3.685153783	-1.815898341	-1.893598961	-3.616761304	1.5284727	0.8113441	0.8041185	0.6594197	5.5823734
7125000000	1.099557429	-1.256637061	3.904631213	-2.111672132	-1.756807218	-4.17148656	1.5675867	0.7841811	0.8168826	0.6186224	5.5459319
7125000000	1.099557429	-1.2042777184	4.482385903	-2.0475974	-0.49847721	-4.328958346	1.675403	0.7898973	0.9442264	0.6075081	6.0577067
7125000000	1.099557429	-1.151917306	4.394803269	-1.915919499	0.52600202	-4.17423953	1.6585943	0.8020548	1.0624295	0.6184264	6.3227663
7125000000	1.099557429	-1.099557429	3.209001786	-2.518553473	0.462719715	-3.665893071	1.4469386	0.7482941	1.0547171	0.6557001	5.8132665
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7125000000	1.099557429	-0.733038286	-0.314479698	-6.369821574	-1.607501245	-4.28380396	0.9644418	0.4802959	0.8310458	0.6106145	3.186705
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7125000000	1.099557429	-0.628318531	-1.357560295	-6.455830108	-0.60232656	-6.525267509	0.8553069	0.4755635	0.993809	0.4717768	2.909324
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7125000000	1.099557429	-0.471238898	-2.497634096	-8.116286964	-3.309156963	-8.854697605	0.7500985	0.3928127	0.683191	0.3607988	0.7759827
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7125000000	1.099557429	-0.20943951	-4.208571611	-9.131088794	-6.568423934	-8.464922007	0.6159868	0.3494987	0.4694386	0.3773583	-0.8560824
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7125000000	1.099557429	-0.104719755	-5.457648982	-9.681458203	-7.805617653	-7.419869962	0.5334793	0.3280402	0.4071169	0.4256048	-1.4410953
7125000000	1.099557429	-0.052359878	-5.465376947	-10.79983947	-7.059762225	-7.162231292	0.5330048	0.2884052	0.3312197	0.4384181	-1.9689355
7125000000	1.099557429	-4.44E-16	-6.404297367	-6.929235295	-9.885709999	-7.705971447	0.4783933	0.4503376	0.3204162	0.4118143	-1.6134086
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7125000000	1.099557429	0.20943951	-10.62227366	-4.808373692	-7.189716959	-4.305799196	0.2943651	0.5748854	0.4370329	0.6091331	-0.3753488
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7125000000	1.151917306	-2.199114858	-5.487966408	-5.618580483	-8.801601307	-6.79484565	0.5316205	0.523686	0.3630111	0.413072	-0.764985
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7125000000	1.151917306	-2.094395102	-6.442129223	-4.789997245	-9.082425752	-7.095786761	0.4763142	0.576103	0.3514623	0.4417846	-0.6975463
7125000000	1.151917306	-2.042035225	-7.549800426	-4.770498795	-6.923374345	-6.923374345	0.4192856	0.5773977	0.3974668	0.4506416	-0.7016529
7125000000	1.151917306	-1.989675347	-7.8548215	-4.541121795	-7.37777754	-6.387217782	0.4048172	0.5928488	0.5165485	0.4879335	-0.0280588
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7125000000	1.151917306	-1.884955592	-5.546319412	-4.089952745	-3.746629828	-6.519835475	0.5280609	0.6245657	0.6496336	0.472072	1.1166022
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7125000000	1.151917306	-1.570796327	1.896929853	-5.529641501	-4.038182884	-3.327216707	1.2440748	0.5290758	0.6281898	0.681772	3.7591873
7125000000	1.151917306	-1.518436449	2.060208308	-5.006464194	-3.897730347	-2.932191504	1.2676823	0.561923	0.6384303	0.7134942	4.0321197
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7125000000	1.204277184	-0.837758041	0.56239394	-6.378935829	-0.877627413	-2.998400929	1.0668901	0.4797922	0.9038963	0.7080761	3.9694435
7125000000	1.204277184	-0.785398163	-0.143433819	-6.166403948	-1.957020502	-2.875778017	0.9836222	0.4916769	0.7982681	0.7181433	3.4977911
7125000000	1.204277184	-0.733038286	0.314377805	-6.494013362	-2.508713927	-3.30513189	1.0368571	0.4734775	0.7491366	0.6085077	3.7555143
7125000000	1.204277184	-0.680678408	0.235581881	-7.282419659	-1.676480464	-4.270984751	1.0274935	0.4323934	0.8244721	0.6115765	3.2151777
7125000000	1.204277184	-0.628318531	-1.380752215	-7.786596747	-0.839912463	-5.4694949846	0.8530262	0.4080094	0.9078297	0.5327243	2.6117876
7125000000	1.204277184	-0.575958653	-3.751096115	-7.779109998	-1.135765667	-6.698789081	0.6492997	0.4083612	0.8774285	0.4624455	1.5746987
7125000000	1.204277184	-0.523598776	-8.119372814	-3.509663955	-8.119372814	-2.282914276	0.6676007	0.3927633	0.7737228	0.3846177	0.9013973
7125000000	1.204277184	-0.471238898	-2.369468975	-9.625349238	-2.976813107	-10.36580209	0.7612487	0.3301661	0.7098382	0.3031865	0.442129
7125000000	1.204277184	-0.									

7125000000	1.204277184	1.989675347	-7.161459158	-10.57166563	-5.136227113	-7.097192545	0.438457	0.2960852	0.5535905	0.4417132	-1.2604513
7125000000	1.204277184	2.042035225	-9.536860179	-6.762600148	-5.731915414	-7.471555395	0.333547	0.4590606	0.5168973	0.4230797	-1.2467112
7125000000	1.204277184	2.094395102	-11.70644078	-3.265199195	-5.736128147	-8.001665973	0.2598232	0.6865733	0.5166466	0.3980308	-0.6249352
7125000000	1.204277184	2.14675498	-10.51343257	-1.702455766	-5.189987363	-8.741200112	0.2980769	0.8220102	0.5501747	0.3655444	0.5141285
7125000000	1.204277184	2.199114858	-8.939391319	-1.811646414	-5.331448722	-9.296280525	0.3572979	0.8117414	0.541287	0.3429146	0.2281782
7125000000	1.204277184	2.251474735	-8.422579226	-3.204366404	-8.2549056	-8.866165766	0.3792024	0.6914833	0.3865937	0.3603228	-0.8306238
7125000000	1.204277184	2.303834613	-7.875639315	-6.039041996	-11.08388577	-7.722516186	0.4038481	0.4989395	0.2791295	0.4110306	-1.9765694
7125000000	1.204277184	2.35619449	-7.015314309	-11.38113233	-6.352314806	-7.02041247	0.4458967	0.2697388	0.481265	0.4456351	-1.7103043
7125000000	1.204277184	2.408554368	-6.728737295	-10.87940321	-5.964927088	-6.757872877	0.4608538	0.2857787	0.5032151	0.4583595	-1.3697892
7125000000	1.204277184	2.460914245	-7.905660987	-5.800839019	-1.12600302	-5.868259449	0.4024547	0.5128118	0.247571	0.5088466	-1.5575145
7125000000	1.204277184	2.513274123	-11.11199622	-4.60800668	-12.67343996	-4.702437661	0.2782276	0.5883011	0.2324492	0.5819399	-1.5096707
7125000000	1.204277184	2.565634	-13.47129828	-6.876319059	-8.218659517	-4.534916945	0.2120484	0.4530896	0.3882103	0.5932724	-1.6887286
7125000000	1.204277184	2.617993878	-13.09662437	-10.9293599	-10.37165932	-5.381334517	0.2213955	0.2841398	0.3029821	0.5381871	-1.4351538
7125000000	1.204277184	2.670353756	-13.89813739	-9.977862501	-13.51344071	-6.421861865	0.2018799	0.3170348	0.2110221	0.4774269	-4.3838375
7125000000	1.204277184	2.722713633	-12.11540801	-9.033409752	-10.68314856	-7.435010263	0.2478732	0.3534512	0.2923093	0.4248636	-3.6190152
7125000000	1.204277184	2.775073511	-10.4780304	-10.2500883	-9.083408589	-9.131578947	0.2992943	0.3072526	0.3514225	0.349479	-3.6921086
7125000000	1.204277184	2.827433388	-11.46815506	-12.78237637	-8.60164576	-11.39183557	0.2670498	0.2295521	0.3714648	0.2694066	-4.9017758
7125000000	1.204277184	2.879793266	-13.04502048	-16.09578963	-10.37135677	-11.30104074	0.2227147	0.1567511	0.3029927	0.2722375	-6.4232976
7125000000	1.204277184	2.932153143	-11.1800905	-16.32626094	-14.11482246	-9.931433608	0.2760549	0.1526465	0.196906	0.3187339	-6.5180197
7125000000	1.204277184	2.984513021	-9.593486282	-13.49124449	-18.27048912	-10.58995214	0.3313795	0.2115621	0.1220325	0.2954625	-6.3712257
7125000000	1.204277184	3.036872899	-11.30875934	-13.77745205	-20.69944205	-13.79298332	0.2719957	0.2047045	0.0922631	0.2043388	-8.2536165
7125000000	1.204277184	3.089232776	-16.43272283	-21.51662865	-16.11461629	-18.28214675	0.150787	0.0839786	0.1564117	0.1218688	-11.817471
7125000000	1.204277184	3.141592645	-19.13630006	-19.90078173	-14.50141264	-19.67110978	0.1104549	0.1011488	0.1883342	0.1038591	-11.975488
7125000000	1.256637061	-3.141592645	-19.1363003	-19.90078153	-14.50141645	-19.67111003	0.1104549	0.1011488	0.1883342	0.1038591	-11.975488
7125000000	1.256637061	-3.089232776	-20.13812002	-15.08962887	-16.2802008	-16.2802008	0.0984224	0.1760024	0.1953339	0.1534582	-10.128177
7125000000	1.256637061	-3.036872899	-17.7260685	-12.6440103	-15.12792554	-12.36232865	0.1299262	0.2332381	0.1752281	0.2409259	-8.1863027
7125000000	1.256637061	-2.984513021	-18.39008258	-8.888266116	-15.94907361	-9.523878703	0.1203638	0.3594071	0.1594213	0.3340458	-6.2562183
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7125000000	1.256637061	-2.879793266	-15.82998088	-8.397436074	-13.98932459	-8.213981683	0.1616222	0.3803016	0.1997716	0.3884194	-4.9581484
7125000000	1.256637061	-2.827433388	-10.14321423	-8.91007247	-11.20859138	-8.558239428	0.3110565	0.358506	0.2751506	0.3733258	-3.6220356
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7125000000	1.256637061	-2.670353756	-13.15323424	-8.032630284	-9.702117133	-8.220906563	0.2199573	0.3966144	0.3272609	0.3388109	-3.538908
7125000000	1.256637061	-2.617993878	-16.1265106	-8.342855496	-9.446032562	-8.531510301	0.1561976	0.3826989	0.3370531	0.3744764	-4.0794392
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7125000000	1.256637061	-2.513274123	-7.314014559	-6.363773772	-10.45164664	-4.727615383	0.4308234	0.4860305	0.3002048	0.4252254	-1.7402612
7125000000	1.256637061	-2.460914245	-7.304368749	-6.667121616	-10.89645946	-7.16632621	0.4313021	0.4641346	0.2852181	0.4382114	-1.8363811
7125000000	1.256637061	-2.408554368	-9.215305041	-7.653827063	-11.0944208	-7.770428528	0.3461264	0.414294	0.2787905	0.4087696	-2.5023858
7125000000	1.256637061	-2.35619449	-10.57211681	-7.686583846	-10.90539001	-9.198429926	0.2960698	0.4127345	0.284925	0.3467995	-3.4750765
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7125000000	1.256637061	-2.14675498	-3.997661509	-5.112663807	-8.258734689	-8.62963231	0.6311272	0.555094	0.3864233	0.3702699	-0.2515251
7125000000	1.256637061	-2.094395102	-5.225900727	-4.705878733	-9.057881565	-8.732940483	0.5479046	0.5817094	0.3524568	0.3658921	-0.6867351
7125000000	1.256637061	-2.042035225	-6.939695681	-4.608773147	-7.843724916	-7.757263912	0.4497956	0.5882492	0.4053347	0.4093726	-0.6642536
7125000000	1.256637061	-1.989675347	-9.020839392	-4.951843373	-5.654882179	-6.79743803	0.3539631	0.5893969	0.5215019	0.4572723	-0.5431484
7125000000	1.256637061	-1.93731547	-10.91634884	-4.312138843	-4.34476802	-6.805498113	0.2845657	0.6086856	0.6064034	0.4567989	-0.1912086
7125000000	1.256637061	-1.884955592	-10.18955666	-4.180549977	-4.166251514	-7.387090916	0.3094013	0.6179773	0.6189954	0.4272814	-0.1154701
7125000000	1.256637061	-1.832955715	-7.228536715	-4.218611227	-4.20495384	-7.212653803	0.4350841	0.6152752	0.6011395	0.4358804	-0.7314268
7125000000	1.256637061	-1.780235837	-4.126069093	-3.632754258	-3.96224909	-6.046218674	0.6218656	0.6582067	0.6337056	0.4985274	-1.6280456
7125000000	1.256637061	-1.72787596	-1.60527427	-2.443212625	-2.78843859	-5.126791124	0.8312589	0.754813	0.7254009	0.551922	-3.1239084
7125000000	1.256637061	-1.675516082	0.019887711	-1.635333134	-1.937616159	-4.916642262	1.0022923	0.8283871	0.8000538	0.567764	-4.0783197
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7125000000	1.256637061	-1.570796327	1.054823261	-2.374194481	-3.083080024	-4.367180447	1.1291228	0.7608346	0.7012066	0.6048407	-4.0715482
7125000000	1.256637061	-1.518436449	1.53543264	-2.491256164	-3.216478016	-3.216478016	1.1933604	0.7506495	0.7061842	0.6905197	-4.0518582
7125000000	1.256637061	-1.466076572	2.290084875	-1.720216161	-1.643218746	-1.970240423	1.30168	0.8023311	0.8276354	0.7970544	-5.4523808
7125000000	1.256637061	-1.413716694	2.747495067	-0.823228469	-0.542282193	-1.078169283	1.3720652	0.9095751	0.9394764	0.883266	-6.2443573
7125000000	1.256637061	-1.361356817	2.44510885	-0.63894471	-0.571643066	-0.714865348	1.3251207	0.9290793	0.9363061	0.9209939	-6.2594058
7125000000	1.256637061	-1.308996399	1.68107526	-1.280250767	-1.118213488	-0.763318454	1.2135391	0.8629536	0.8792033	0.9158705	-7.3717347
7125000000	1.256637061	-1.256637061	1.537130639	-2.107512701	-0.97666416	-0.903135015	1.1935937	0.7845568	0.8936486	0.9012458	-5.5132396
7125000000	1.256637061	-1.204277184	2.228132558	-2.309287836	-0.078190459	-0.90925112	1.2924288	0.7665414	0.9910384	0.9006114	-5.9127052
7125000000	1.256637061	-1.151917306	2.592101048	-2.094123436	-1.071277711	-0.960856719	1.3477367	0.7857671	1.0485977	0.8952765	-6.1781709
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7125000000	1.256637061	-0.83775804									

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7125000000	1.256637061	2.35619449	-7.606976985	-8.636464566	-7.147456755	-5.068294085	0.4165347	0.3699787	0.4391644	0.5579372	-0.9945775
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7125000000	1.256637061	2.565634	-14.70528608	-7.203762577	-9.923065829	-4.542715897	0.1839652	0.4632668	0.3190412	0.59274	-2.3150101
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7125000000	1.308996939	-2.932153143	-23.08360816	-7.643048567	-13.56346955	-8.060717032	0.0701164	0.4148084	0.2098102	0.395334	-5.2715204
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7125000000	1.308996939	-2.460914245	-5.970756135	-7.177298398	-11.07390491	-6.220080285	0.5028775	0.4375862	0.2794504	0.4886478	-1.3676193
7125000000	1.308996939	-2.408554368	-7.637123815	-7.788115238	-11.79421629	-7.28009559	0.4150915	0.4079381	0.2572108	0.4325091	-2.4252601
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7125000000	1.308996939	-1.884955592	-9.500536969	-5.513172958	-3.979214086	-8.021926594	0.3349447	0.5307099	0.6324691	0.3971035	-0.4702622
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7125000000	1.308996939	3.089232776	-16.59756774	-22.63622317	-16.21298846	-18.73852445	0.1479523	0.0738225	0.1544901	0.1156309	-12.81139
7125000000	1.308996939	3.141592654	-19.1363002	-19.90078163	-14.50141612	-19.67110991	0.1104549	0.1011488	0.1883342	0.1038591	-11.975488
7125000000	1.361356817	-3.141592654	-19.13630022	-19.90078151	-14.50141612	-19.67110991	0.1104549	0.1011488	0.1883342	0.1038591	-11.975488
7125000000	1.361356817	-3.089232776	-20.06996597	-14.93783655	-14.14604831	-16.41753996	0.0991977	0.1791052	0.1961994	0.1510508	-10.095317
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7125000000	1.361356817	-2.565634	-9.412243033	-7.621888889	-10.06025754	-6.579370678	0.3383669	0.4158202	0.3140416	0.4688474	-2.2669933
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7125000000	1.361356817	-2.251474735	-4.727368436	-6.161311369	-11.04202747	-6.306709551	0.580272	0.4919653	0.2804779	0.4837985	-0.7407171
7125000000	1.361356817	-2.199114858	-3.301670489	-5.382210084	-8.647565799	-6.12685033	0.6837801	0.5381328	0.3695062	0.493921	0.3629382
7125000000	1.361356817	-2.14675948	-2.969097117	-4.800143005	-8.45302069	-7.225385468	0.710469	0.5754305	0.3778757	0.4532419	0.4197197
7125000000	1.361356817	-2.094395102	-3.201452897	-4.273635496	-9.171324018	-8.195248501	0.6917153	0.6113899	0.3478835	0.389258	0.1730534
7125000000	1.361356817	-2.042035225	-3.894429182	-3.771540307	-7.267045538	-7.494095342	0.638673	0.6477732	0.4331594	0.4219833	0.594122
7125000000	1.361356817	-1.989675347	-5.108010716	-3.562637713	-6.424441411	-6.50553167	0.5553918	0.6635415	0.573823	0.47285	0.1308981
7125000000	1.361356817	-1.93731547	-6.646595443	-3.970549312	-3.614563476	-6.104386689	0.4652327	0.6331003	0.6595866	0.4952	1.0305805
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7125000000	1.361356817	-1.832595715	-9.717705765	-5.996704581	-3.5951409124	-4.796646108	0.3266741	0.5013747	0.634497	0.5756622	0.1648381
7125000000	1.361356817	-1.780235837	-8.596147102	-5.791848915	-3.489109167	-3.637702071	0.3717001	0.5133429	0.6691824	0.6578318	0.5375274
7125000000	1.361356817	-1.72787596	-4.893170863	-4.675583388	-2.73494931	-2.712711259	0.5693004	0.5837419	0.7697067	0.7317529	2.4590604
7125000000	1.361356817	-1.675516082	-2.033586754	-3.896820888							

7125000000	1.361356817	0.73038286	-10.68063701	1.704281364	-3.689245215	0.302470945	0.2923938	1.2167856	0.6539398	1.0354367	4.0784789
7125000000	1.361356817	0.785398163	-11.75799053	2.493119547	-1.061595926	1.271262976	0.2582858	1.3324655	0.884953	1.1576123	5.185465
7125000000	1.361356817	0.837758041	-10.01014796	3.761635455	0.808788301	2.227358337	0.3158585	1.5419908	1.0975882	1.2923136	6.5425812
7125000000	1.361356817	0.890117919	-7.634645326	4.481295932	1.00495695	2.603362313	0.4152099	1.6751928	1.1284435	1.3494852	7.1745522
7125000000	1.361356817	0.942477796	-6.240108227	4.476770451	0.507434404	2.403578898	0.4875224	1.6743202	1.0601607	1.3188	7.1220541
7125000000	1.361356817	0.994837674	-5.757039977	3.99474863	0.785881354	2.068213198	0.5154043	1.5839353	1.0946974	1.2688511	6.9717198
7125000000	1.361356817	1.047197551	-5.798022873	3.337652505	1.967296074	1.947468758	0.5129781	1.4685293	1.2541942	1.2513346	7.1085917
7125000000	1.361356817	1.099557429	-6.058582796	2.680489482	2.574211326	1.81558745	0.4978183	1.3615214	1.3449637	1.2324786	6.9207619
7125000000	1.361356817	1.151917306	-6.259833711	2.105893895	1.859829642	1.353290937	0.4864165	1.2743675	1.2387723	1.1685964	6.3782726
7125000000	1.361356817	1.204277184	-5.689118623	1.919081271	0.515878789	0.857143778	0.5194504	1.2472516	1.0611919	1.1037156	5.8708076
7125000000	1.361356817	1.256637061	-4.139175991	2.516579845	0.09371306	1.031511679	0.6209279	1.3360693	1.0108475	1.1260694	6.2222321
7125000000	1.361356817	1.308996939	-2.628027821	3.522116209	0.733523792	1.729232492	0.738922	1.5000503	1.0881185	1.220286	7.1346188
7125000000	1.361356817	1.361356817	-2.135597639	4.159113882	1.021226598	2.16057119	0.7820241	1.6141939	1.1247638	1.2824149	7.6103691
7125000000	1.361356817	1.413716694	-2.85139028	4.126036076	0.328291799	1.961693113	0.7201625	1.6080584	1.0385193	1.2533855	7.2724758
7125000000	1.361356817	1.466076572	-4.03685755	3.597417154	-0.664330065	1.304940555	0.6282981	1.5131112	0.9263679	1.1621094	6.5059746
7125000000	1.361356817	1.518436449	-4.395278641	2.907830235	-0.924936123	0.715716099	0.6028872	1.3976277	0.8989865	1.0858899	5.988817
7125000000	1.361356817	1.570796327	-3.624659512	2.136854996	-0.436671698	0.93560202	0.6588204	1.2789181	0.9509691	1.0604093	5.9175011
7125000000	1.361356817	1.623156204	-3.074958685	0.961699184	-0.035693704	0.450901064	0.7018625	1.1170818	0.995899	1.0532829	5.729413
7125000000	1.361356817	1.675516082	-3.815717394	-0.921177073	-0.42060384	-0.083492527	0.644487	0.8993757	0.9527299	0.9904336	4.8285043
7125000000	1.361356817	1.72787596	-5.48224341	-3.189354652	-1.907971193	-1.269984073	0.5319708	0.8626794	0.8028057	0.8639742	3.2016542
7125000000	1.361356817	1.780235837	-6.153221476	-4.468976375	-4.13175915	-2.832531871	0.4924237	0.5977935	0.6214584	0.7217278	1.7036819
7125000000	1.361356817	1.832595715	-5.359931971	-3.761616402	-5.630684666	-4.071519816	0.5395148	0.6485137	0.5229567	0.6257834	1.3571146
7125000000	1.361356817	1.884955592	-4.82395315	-2.15267713	-5.72096404	-4.663348978	0.5738552	0.7804878	0.5175494	0.5845647	1.7855838
7125000000	1.361356817	1.93731547	-5.029697304	-0.971893695	-6.373229142	-5.176926353	0.5604219	0.8941396	0.4801076	0.5510026	1.8882755
7125000000	1.361356817	1.989675347	-5.479710951	-0.771479238	-8.207314292	-6.198968023	0.532126	0.9150104	0.3887177	0.4039441	1.3104046
7125000000	1.361356817	2.042035225	-5.972430563	-1.213568165	-8.795528951	-7.889768237	0.5027806	0.8696041	0.363265	0.4031917	0.5829716
7125000000	1.361356817	2.094351202	-6.325522455	-1.104504064	-8.2040718	-9.920263121	0.4827518	0.8805921	0.3888628	0.3191441	0.5047958
7125000000	1.361356817	2.146754858	-6.061834723	-0.436980204	-7.490097137	-11.04224665	0.497632	0.9509353	0.4221776	0.2804708	0.6330791
7125000000	1.361356817	2.199714858	-5.975780996	-0.636130385	-7.289357381	-10.18840252	0.5025867	0.9293803	0.4320481	0.3094424	0.7272424
7125000000	1.361356817	2.251474735	-7.190225943	-2.45461581	-9.8667922	-8.252977818	0.4370073	0.7538227	0.3211148	0.3866795	-0.4518911
7125000000	1.361356817	2.303834613	-9.074300739	-5.797566351	-16.231212454	-16.231212454	0.3517912	0.5130051	0.155318	0.488022	-2.4517881
7125000000	1.361356817	2.35619449	-9.226160424	-8.5053736147	-9.832437385	-4.784125541	0.3456941	0.4375893	0.3223875	0.5674292	-1.8294234
7125000000	1.361356817	2.408554368	-9.49423463	-6.67388216	-4.18494216	-4.32009358	0.3351879	0.4637783	0.3795358	0.6081846	-0.9799289
7125000000	1.361356817	2.460914245	-12.33752861	-4.352452964	-13.61998896	-4.896137292	0.2416148	0.6058671	0.2084494	0.569106	-1.8033337
7125000000	1.361356817	2.513274123	-15.67369292	-4.36387161	-16.64845517	-6.398702839	0.1645566	0.6050711	0.147088	0.4787016	-3.1265179
7125000000	1.361356817	2.565634	-13.89691504	-6.740235354	-12.95759038	-8.375745367	0.2019083	0.4602441	0.2249679	0.3812525	-3.9556613
7125000000	1.361356817	2.617993878	-12.81657741	-7.429845284	-13.63849452	-8.400188827	0.22865	0.4251163	0.2080057	0.3801811	-2.1348961
7125000000	1.361356817	2.670353756	-12.11048684	-5.962007325	-9.923498327	-6.393177874	0.2480137	0.5033843	0.3190263	0.4790062	-4.2177581
7125000000	1.361356817	2.722713633	-11.02506195	-6.990889666	-7.088351045	-5.549480189	0.2810263	0.4471523	0.4421631	0.5278469	-1.4208816
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7125000000	1.361356817	2.879793266	-11.68783379	-14.10247107	-12.49494781	-10.57214011	0.2603804	0.1971862	0.2372753	0.296069	-6.0990073
7125000000	1.361356817	2.932153143	-11.36254991	-17.77845228	-21.32136177	-10.47490103	0.2703165	0.1291449	0.0858879	0.2994022	-8.1259572
7125000000	1.361356817	2.984513021	-10.52343479	-15.63552406	-21.46427277	-11.59516875	0.2977339	0.1652813	0.0844868	0.2631731	-7.2788405
7125000000	1.361356817	3.036872899	-12.10282473	-15.6708469	-20.26648862	-14.79846705	0.2482326	0.1664819	0.0969785	0.1820022	-9.2197941
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7125000000	1.361356817	3.141592654	-19.13630022	-19.90078151	-14.5014163	-19.6711098	0.1104549	0.1011488	0.1883342	0.1038591	-11.975488
7125000000	1.413716694	3.141592654	-19.13630018	-19.90078155	-14.50141629	-19.67110982	0.1104549	0.1011488	0.1883342	0.1038591	-11.975488
7125000000	1.413716694	3.089232776	-20.03045552	-14.8495613	-14.14456208	-16.52085611	0.09965	0.1809347	0.1962347	0.1492647	-10.087946
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7125000000	1.413716694	2.984513021	-18.78576892	-9.83195403	-13.44402502	-9.624188689	0.1150036	0.3224054	0.2127153	0.3302103	-6.1457134
7125000000	1.413716694	2.932153143	-20.21222914	-7.939958061	-11.36744191	-7.849697007	0.0975862	0.4008687	0.2701643	0.4050561	-4.6296421
7125000000	1.413716694	2.879793266	-15.83134815	-7.64422894	-12.06393226	-7.542817977	0.1615967	0.4147521	0.2493466	0.196228	-4.1149933
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7125000000	1.413716694	2.77073511	-10.08364451	-8.041951596	-12.07825912	-6.340175966	0.3131971	0.396189	0.2489356	0.481938	-2.8517832
7125000000	1.413716694	2.722713633	-8.325282338	-7.503698123	-13.50920086	-6.242845154	0.383474	0.421517	0.2111251	0.4476388	-2.4786183
7125000000	1.413716694	2.670353756	-8.278864507	-7.378029818	-11.10300431	-6.998478471	0.3855288	0.4276599	0.2785158	0.4467618	-2.2788405
7125000000	1.413716694	2.617993878	-9.703873578	-7.730939882	-9.997045308	-7.06847339	0.3271947	0.4106322	0.3163354	0.4431761	-2.5142006
7125000000	1.413716694	2.565634	-10.12408019	-7.508468878	-10.88457783	-6.062816215	0.3117425	0.4212855	0.2856085	0.4975757	-2.4053999
7125000000	1.413716694	2.513274123	-8.004858621	-7.180182949	-11.345955	-5.385067927	0.3978845	0.4375129	0.2708334	0.5379558	-1.7015775
7125000000	1.413716694	2.460914245	-7.042199353	-7.584069296	-12.06569459	-5.706541863	0.4445187	0.4176347	0.249296	0.5184094	-1.7776004
7125000000	1.413716694	2.408554368	-9.239394751	-7.904369522	-13.18624078	-6.871505407	0.3451678	0.4025145	0.219123	0.4533407	-2.793494
7125000000	1.413716694	2.35619449	-14.33763439	-7.545022699	-12.68697876	-7.495316237	0.1919191	0.4195163	0.2320871	0.421924	-3.9757238
7125000000	1.413716694	2.303834613	-9.524581368	-7.272302901	-12.52410192	-6.512925347	0.3340188	0.4328973	0.2364778	0.4724477	-2.6390808
7125000000	1.413716694	2.251474735	-5.166643301	-6.937081216	-11.56208694	-5.640163262	0.5516554	0.449931	0.2641774	0.5223864	-0.9725203
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7125000000	1.413716694	2.146754858	-2.713888714	-5.482500776	-8.892226463	-7.245484519	0.7316537	0.5319551	0.3592433	0.4342359	0.2444576
7125000000	1.413716694	2.094351202									

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7125000000	1.413716694	0.523598776	-16.3789135	0.008489957	-4.43105491	-1.263858029	0.151724	0.0009779	0.6004091	0.8645388	2.3377804
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7125000000	1.413716694	0.785398163	-9.707826465	2.323123086	-0.84886567	-0.554652111	0.3270459	1.3066406	0.9068944	1.0659396	5.1211682
7125000000	1.413716694	0.837758041	-8.865809731	3.405009808	0.832613699	1.437874672	0.3603375	1.4799617	1.100603	1.1800319	6.2793135
7125000000	1.413716694	0.890117919	-7.287317586	4.171124741	0.938175854	1.724367472	0.4321496	1.6164275	1.1140605	1.2196027	6.813324
7125000000	1.413716694	0.942477796	-6.034111612	4.421375229	0.284577645	1.515852863	0.4992228	1.663676	1.0333058	1.1906734	6.8225113
7125000000	1.413716694	0.994837674	-5.365321985	4.35899245	0.503878378	1.364202621	0.5391802	1.6517702	1.0597268	1.1700654	6.8893045
7125000000	1.413716694	1.047197551	-5.443665953	4.001119269	1.700202954	1.556455773	0.5343388	1.5850974	1.2162144	1.1962523	7.1050121
7125000000	1.413716694	1.099557429	-6.276399908	3.155072672	2.343118543	1.688298943	0.4854897	1.4379826	1.3096521	1.2145487	6.9420572
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7125000000	1.413716694	1.204277184	-7.528499474	0.970838668	0.36932068	0.997614017	0.4203151	1.1182578	1.0434344	1.1217103	5.35251573
7125000000	1.413716694	1.256637061	-6.271330151	1.611289853	-0.005314114	1.117142629	0.4857371	1.2038281	0.9993884	1.1372531	5.6348505
7125000000	1.413716694	1.308996399	-4.845264689	2.936632123	0.642165417	1.714325124	0.572449	1.4022699	1.0767336	1.2181934	6.5872372
7125000000	1.413716694	1.361356817	-4.418516705	3.743180175	0.892541549	2.084700908	0.6012764	1.5387179	1.1082228	1.2712619	7.0811676
7125000000	1.413716694	1.413716694	-5.244490505	3.762543403	0.090767294	1.843580791	0.5467332	1.542152	1.1005048	1.2364571	6.7208791
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7125000000	1.413716694	1.518436449	-6.950854828	2.420084143	-1.537357305	0.479681873	0.4492181	1.3213084	0.8377841	1.0567788	5.2610918
7125000000	1.413716694	1.570796327	-5.895025255	1.46941718	-0.508745768	0.211350971	0.5072812	1.1843249	0.8823029	1.0246311	5.101927
7125000000	1.413716694	1.623156204	-5.002652105	-0.040389866	-0.570300518	-0.044937694	0.5621696	0.9953607	0.9364508	0.9948397	4.8329737
7125000000	1.413716694	1.673516082	-5.383883726	-2.644555427	-0.772915154	-0.868794894	0.5380292	0.7735173	0.9148592	0.9084816	3.7932351
7125000000	1.413716694	1.72787596	-6.375292609	-5.93322667	-2.104367605	-2.384074738	0.4799935	0.5050552	0.7848409	0.7599697	2.01343275
7125000000	1.413716694	1.780235837	-6.015600327	-6.27603759	-4.242390197	-3.76546592	0.5002879	0.4855099	0.6135931	0.6482264	1.0138475
7125000000	1.413716694	1.832595715	-4.646419671	-3.837435929	-5.7866917	-3.834729491	0.5857051	0.6428775	0.5136478	0.6430778	1.53029
7125000000	1.413716694	1.884955592	-3.891774247	-1.766335999	-6.050836901	-3.258011947	0.6388682	0.8519869	0.4982624	0.6827257	2.4126081
7125000000	1.413716694	1.93731547	-4.017909094	-0.574732017	-6.842601726	-3.135747073	0.6296577	0.9359732	0.5458518	0.6969677	2.6626326
7125000000	1.413716694	1.989675347	-4.609275684	-0.379241067	-8.92733853	-3.723388919	0.5882152	0.9572727	0.3746626	0.513742	2.7183208
7125000000	1.413716694	2.042035225	-5.467252653	-1.056128899	-8.850632664	-4.889736049	0.5328898	0.8855102	0.3609677	0.5695255	1.3966654
7125000000	1.413716694	2.094395102	-6.513642402	-1.705446194	-6.889146039	-6.382695454	0.4724087	0.8217273	0.3677415	0.4795846	0.5936079
7125000000	1.413716694	2.14675498	-7.197782575	-1.580705418	-8.684848196	-7.985281653	0.4366273	0.8336135	0.3764936	0.3987823	0.5194607
7125000000	1.413716694	2.199114858	-7.551574012	-1.851912007	-8.312847819	-9.763931909	0.4192	0.807987	0.3840233	0.3249402	-0.2818173
7125000000	1.413716694	2.251474735	-8.608821598	-3.709459367	-10.98749561	-10.78922985	0.3711581	0.6524196	0.2822443	0.2887601	-1.9676571
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7125000000	1.413716694	2.565364	-12.17675988	-6.832432899	-14.3416194	-10.01217545	0.2461286	0.4553846	0.1918295	0.5317848	-4.3711584
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7125000000	1.413716694	3.291592654	-3.036872899	-18.71165187	-12.73692746	-14.9248747	0.1159892	0.2307563	0.1793727	0.2208589	-8.5545452
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7125000000	1.466076572	1.675516082	-5.484517556	-1.736631311	-0.862216668	-1.717493262	0.5318316	0.8187823	0.9055015	0.8205883	3.7411135
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7125000000	1.466076572	1.780235837	-5.261099103	-6.425553689	-3.997924148	-3.651313362	0.5458688	0.477224	0.6311082	0.6568018	1.254733
7125000000	1.466076572	1.832595715	-3.982114736	-4.651895152	-4.651895152	-2.821557616	0.6322579	0.585336	0.5328349	0.7262402	1.8412427
7125000000	1.466076572	1.884955592	-3.343646541	-2.847848724	-5.858890589	-2.173272194	0.6804836	0.7204562	0.5093959	0.7766394	2.5713388
7125000000	1.466076572	1.93731547	-3.718064572	-1.696969813	-6.66808023	-2.304724247	0.6517736	0.8225296	0.4640445	0.7689424	2.6231652
7125000000	1.466076572	1.989673474	-4.834785995	-1.334170528	-7.946069526	-3.050311052	0.57314	0.8576132	0.4005867	0.7303857	2.0596341
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7125000000	1.466076572	2.827433388	-10.86721436	-11.89122121	-7.665423717	-11.45301236	0.28618	0.2543542	0.4137412	0.2675158	-4.2806599
7125000000	1.466076572	2.879793266	-11.06501468	-15.19541362	-13.12083348	-12.71536432	0.2797362	0.1738719	0.2207793	0.2450371	-6.750277
7125000000	1.466076572	2.932134123	-11.56323624	-20.05822343	-21.64021193	-11.79116408	0.2641424	0.0993319	0.0827922	0.2573012	-9.0744815
7125000000	1.466076572	2.984513021	-11.2668998	-17.27484996	-18.92382241	-12.78924398	0.2733097	0.136854	0.1131902	0.2293706	-8.4878786
7125000000	1.466076572	3.036872899	-12.77473457	-17.36044563	-18.6472146	-15.6113623	0.2297541	0.135512	0.1168528	0.1657417	-9.7909677
7125000000	1.466076572	3.089232776	-16.98040457	-24.82140674	-16.2704261	-19.48189779	0.1415728	0.0574023	0.1536309	0.1061464	-12.789032
7125000000	1.466076572	3.141592654	-19.13630031	-19.90078141	-14.50141585	-19.67111025	0.1104549	0.1011488	0.1883342	0.1038591	-11.975488
7125000000	1.518436449	-3.141592654	-19.13630011	-19.90078151	-14.50141585	-19.67110995	0.1104549	0.1011488	0.1883342	0.1038591	-11.975488
7125000000	1.518436449	-3.089232776	-19.93062072	-14.66132478	-14.17222674	-16.78181921	0.100802	0.1848987	0.195609	0.1448468	-10.086942
7125000000	1.518436449	-3.036872899	-18.7926393	-12.58993959	-17.86677776	-13.29393893	0.1149127	0.2346931	0.1805577	0.2164228	-8.589999
7125000000	1.518436449	-2.984513021	-17.7373914	-10.38418871	-11.59888201	-9.580977826	0.1297569	0.3025454	0.2523806	0.3318751	-5.8781109
7125000000	1.518436449	-2.932153143	-17.10043711								

7125000000	1.518436449	-0.523598776	-2.788870703	-7.633806659	-2.456170671	-10.44768484	0.7253648	0.41525	0.7536878	0.3003418	0.8066831
7125000000	1.518436449	-0.471238898	-2.750022246	-9.9441761	-3.12651457	-13.34421535	0.7286163	0.3182667	0.6977089	0.2151377	-0.1765171
7125000000	1.518436449	-0.41887902	-3.098038017	-12.08834685	-3.506440664	-18.17215539	0.7000001	0.2486467	0.6678485	0.1234219	-1.2100283
7125000000	1.518436449	-0.366519143	-4.113668115	-12.99129087	-4.30656932	-16.3386807	0.6227541	0.2240967	0.6090761	0.1524284	-1.8929601
7125000000	1.518436449	-0.314159265	-5.040817666	-14.86386033	-5.535522728	-12.69286106	0.5597049	0.1806371	0.5287177	0.23193	-0.9340454
7125000000	1.518436449	-0.261799388	-4.851201395	-14.85469161	-6.555725756	-11.10198103	0.5720578	0.1808279	0.4701254	0.2785486	-2.4897449
7125000000	1.518436449	-0.20943951	-4.550244479	-10.53174407	-6.889190605	-10.22357621	0.5922264	0.2974492	0.4524186	0.3081919	-1.669415
7125000000	1.518436449	-0.157079633	-5.274987456	-8.636751174	-7.463878489	-8.808421394	0.544817	0.3699665	0.4234538	0.3627262	-1.4066998
7125000000	1.518436449	-0.104719755	-5.887753497	-9.481867833	-8.613726493	-7.47609926	0.507706	0.3356654	0.3709485	0.4228585	-1.7386794
7125000000	1.518436449	-0.052359878	-5.665394009	-9.981228591	-9.479636407	-7.220201828	0.5208711	0.3169119	0.3357517	0.4355018	-1.8892821
7125000000	1.518436449	-4.44-1.16	-6.404297577	-6.92923539	-9.885709813	-7.705971988	0.4783933	0.4503376	0.3204162	0.4118143	-1.6134088
7125000000	1.518436449	0.052359878	-8.333842076	-4.693888519	-10.04066307	-7.227678481	0.3830962	0.5825129	0.3147508	0.435127	-1.3328511
7125000000	1.518436449	0.104719755	-9.750793321	-4.496532735	-10.15821642	-5.591671169	0.3254321	0.5959	0.3105197	0.5253109	-1.1243605
7125000000	1.518436449	0.157079633	-10.58712607	-5.53042339	-11.20253359	-4.389414192	0.2955587	0.5290331	0.2753425	0.6032944	-1.3951403
7125000000	1.518436449	0.20943951	-12.08077886	-5.167967782	-13.12977965	-4.211809224	0.2488634	0.5515712	0.220552	0.6157573	-1.7409852
7125000000	1.518436449	0.261799388	-15.03725523	-3.1910381	-13.24800433	-4.588662939	0.1770668	0.6925452	0.2175704	0.5896127	-1.5309999
7125000000	1.518436449	0.314159265	-19.69883563	-2.053538514	-11.15874141	-4.276658676	0.1035281	0.7894472	0.2767343	0.6111771	-1.0078745
7125000000	1.518436449	0.366519143	-18.37854787	-2.059554341	-9.254496844	-3.17842206	0.1205237	0.7889006	0.3445682	0.6935512	-2.308583
7125000000	1.518436449	0.41887902	-15.35343749	-2.050627009	-7.529133479	-2.395881174	0.1707372	0.7897118	0.4202845	0.7589374	-0.8633395
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7125000000	1.518436449	0.523598776	-15.73585357	0.103902	-3.5361505	-2.123844999	0.1633832	1.012034	0.6655681	0.7830829	2.3589023
7125000000	1.518436449	0.575958653	-15.90279061	1.052263716	-2.437194422	-1.803339579	0.160273	1.1287901	0.7553362	0.8125181	3.0973536
7125000000	1.518436449	0.628318531	-11.46311419	1.668906059	-2.54882185	-1.564094372	0.2672048	1.2118477	0.745691	0.8352092	3.6936944
7125000000	1.518436449	0.680678408	-8.591981284	1.890900717	-3.004270139	-1.513007069	0.3718784	1.2432115	0.7075978	0.8401361	3.9890092
7125000000	1.518436449	0.737038286	-7.484768388	1.947826624	-2.200921202	-1.042301379	0.4224366	1.2513861	0.7761648	0.886921	4.4763861
7125000000	1.518436449	0.785398163	-6.726242661	2.283641443	-0.384827185	-0.016187039	0.4609861	1.3007148	0.9566623	1.1001865	5.3907924
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7125000000	1.518436449	0.890117919	-5.581033025	2.697643002	0.451862291	1.315575452	0.5259547	1.3642129	1.0533995	1.1635332	6.2501063
7125000000	1.518436449	0.942477796	-4.73222123	2.5227036	-0.538118911	1.190423195	0.5799478	1.3370116	0.9399268	1.1468884	6.0287927
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7125000000	1.518436449	1.047197551	-2.210669791	3.524775757	0.880283807	0.829447001	0.7752942	1.5005096	1.1066599	1.1002018	6.7010268
7125000000	1.518436449	1.099557429	-2.186668353	3.554254553	1.821200991	0.553829931	0.7774395	1.5056108	1.2332753	1.0658387	7.2008133
7125000000	1.518436449	1.151917306	-2.921516732	2.570431889	-1.507509053	-0.045341674	0.7143716	1.3447386	1.1895301	0.9947934	6.5001317
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7125000000	1.518436449	1.361356817	-3.383142289	2.522968664	1.652564763	1.748324781	0.6773964	1.3370524	1.2095623	1.2229712	6.9407082
7125000000	1.518436449	1.413716694	-4.409073246	2.738481671	0.82206705	1.736950234	0.6019305	1.3706422	1.0992674	1.2213707	6.6350444
7125000000	1.518436449	1.466076572	-5.518502092	2.390178565	-0.607174254	1.2360451	0.5297548	1.316767	0.9324838	1.152982	5.8715239
7125000000	1.518436449	1.518436449	-5.552265995	1.93623364	-1.434634991	0.720440691	0.5276995	1.249717	0.8477509	1.0864807	5.3707361
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7125000000	1.518436449	1.623156204	-3.988144141	0.769364325	-0.586053953	-0.219597237	0.6318192	1.296717	0.9347539	0.9750348	5.1876738
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7125000000	1.518436449	1.72787596	-5.178217576	-3.747214241	-1.563268089	-2.845511917	0.5509207	0.6495889	0.8352887	0.72065	2.7864005
7125000000	1.518436449	1.780235387	-5.167573226	-5.687767372	-1.314958955	-3.167582687	0.5515963	0.5195312	0.6806158	0.6944718	1.7491014
7125000000	1.518436449	1.832659515	-4.270864484	-5.099520205	-4.728315404	-2.569474704	0.6115849	0.559395	0.5802087	0.7439201	1.9091361
7125000000	1.518436449	1.884955592	-3.825612089	-4.01968844	-5.232624102	-2.333999333	0.6437532	0.6295288	0.5474807	0.7643637	2.2290354
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7125000000	1.518436449	1.989675347	-6.229606754	-2.764596934	-3.397821449	-3.397821449	0.4881122	0.7273947	0.4552745	0.6762526	1.3897877
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7125000000	1.518436449	2.14675498	-11.24014016	-5.272312281	-8.365814777	-5.433850368	0.274153	0.5449848	0.3816887	0.534943	-1.2307593
7125000000	1.518436449	2.199114858	-10.29753838	-5.816611608	-8.390344318	-8.775550676	0.3055787	0.5118815	0.3806123	0.3641015	-2.1460121
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7125000000	1.518436449	2.35619449	-11.81541999	-10.21663782	-9.925492882	-5.776008875	0.2565837	0.3084382	0.318952	0.5142799	-3.10888
7125000000	1.518436449	2.408554368	-11.72636199	-7.623474203	-7.44837099	-4.767649379	0.259228	0.4157443	0.4242112	0.5775872	-1.5311266
7125000000	1.518436449	2.460914245	-9.475790265	-6.04997506	-9.965712555	-4.859739337	0.3359004	0.4983119	0.3174782	0.5714958	-1.2939555
7125000000	1.518436449	2.513274123	-8.01430483	-5.863227713	-13.67715496	-5.418552902	0.3974521	0.5091416	0.207082	0.5388859	-1.6732291
7125000000	1.518436449	2.565634	-9.131003229	-7.385048445	-13.62438383	-6.723692424	0.3495021	0.4273144	0.2083439	0.4611215	-2.8155403
7125000000	1.518436449	2.617993878	-11.12781788	-9.237070117	-11.48557013	-7.828844905	0.2777212	0.3452602	0.2665149	0.4060297	-3.7716774
7125000000	1.518436449	2.670353756	-9.862991357	-8.590609123	-7.821304922	-7.308542763	0.3212554	0.3719371	0.4063823	0.4310949	-3.3229703
7125000000	1.518436449	2.722713633	-9.47526103	-8.42324396	-6.085276602	-7.557528949	0.3359208	0.3791733	0.4962907	0.4189127	-1.7752619
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7125000000	1.518436449	2.827433388	-10.90458263	-12.43687778	-7.815292862	-14.18268617	0.2849514	0.238867	0.4066637	0.1953735	-4.9909461
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7125000000	1.570796327	-0.733038286	-0.133694497	-8.232074664	-1.240392129	-6.455718387	0.9847257	0.3876112	0.8769612	0.5745696	2.6863085
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7125000000	1.570796327	-0.523598776	-2.758085843	-7.360410094	-2.137370412	-10.72617151	0.7279402	0.4285283	0.7818645	0.290865	0.9423727
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7125000000	1.570796327	-0.41887902	-3.196683455	-11.14876168	-3.47803722	-16.3220357	0.6920952	0.2770524	0.670036	0.1527208	-0.9543032
7125000000	1.570796327	-0.366519143	-4.041340344	-11.79720184	-4.335003566	-15.43281156	0.6279614	0.2571224	0.6070854	0.1691841	-1.6113597
7125000000	1.570796327	-0.314159265	-4.959662278	-13.82881038	-5.477225426	-12.46721295	0.5649394	0.2034977	0.5322783	0.2380342	-2.277241
7125000000	1.570796327	-0.261799388	-4.87469609	-14.5887802	-6.466367941	-11.22640357	0.5705125	0.1864494	0.4749869	0.2745869	-2.4610113
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7125000000	1.570796327	-0.052359878	-5.691571603	-9.847275386	-9.470004975	-7.242020359	0.5193037	0.3218372	0.3361242	0.4344092	-1.8750546
7125000000	1.570796327	-4.44E-16	-6.40429754	-6.929234951	-9.885710013	-7.705971852	0.4783933	0.4503376	0.3204162	0.4118143	-1.6134086
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7125000000	1.570796327	0.20943951	-11.88571882	-5.261438217	-14.14521386	-4.364724668	0.2545154	0.5456675	0.1962180	0.6050117	-1.793054
7125000000	1.570796327	0.261799388	-15.02789828	-3.302539136	-14.31282546	-4.697486037	0.1772577	0.6837117	0.1924681	0.5822717	-1.7464777
7125000000	1.570796327	0.314159265	-20.20919554	-2.123516764	-11.76790812	-3.996139055	0.0976203	0.7831125	0.257991	0.6312379	-1.0613224
7125000000	1.570796327	0.366519143	-19.47243145	-2.157562614	-9.329591847	-2.76229281	0.1062621	0.780049	0.341602	0.7275877	-0.1954399
7125000000	1.570796327	0.41887902	-16.40208978	-2.299681556	-7.230282959	-2.229309771	0.1513197	0.7673896	0.4349981	0.7736322	-0.5361365
7125000000	1.570796327	0.471238898	-15.065035	-1.331245811	-5.107284808	-2.467089069	0.1765014	0.8579021	0.5554382	0.752741	1.3732986
7125000000	1.570796327	0.523598776	-15.110947	0.042947674	-3.190208493	-2.619094799	0.17557	1.0049568	0.6926113	0.7396824	2.3215914
7125000000	1.570796327	0.575958653	-15.30291807	0.948226914	-2.119720657	-2.08806119	0.1717331	1.1153504	0.7834548	0.7863157	3.0971613
7125000000	1.570796327	0.628318531	-12.35128243	1.31418396	-2.177370678	-1.505263664	0.2412325	1.1633468	0.7782715	0.8408854	5.5002781
7125000000	1.570796327	0.680678408	-7.66279244	1.408023345	-5.226496582	-1.210787603	0.3364034	1.1759833	0.7479413	0.8698286	3.8908712
7125000000	1.570796327	0.733038286	-4.967149006	1.688857218	-1.780418967	-0.965531388	0.4122328	1.1242668	0.814665	0.9336247	4.5452599
7125000000	1.570796327	0.785398163	-6.211512911	2.329506737	-0.214631794	0.540670143	0.4891301	1.3076013	0.9755924	1.0642251	5.6582148
7125000000	1.570796327	0.837758041	-5.21335676	2.76444155	0.693439918	1.483568369	0.5486965	1.3747448	1.0831086	1.186256	6.4294951
7125000000	1.570796327	0.890117919	-4.877305438	2.420329532	0.283598043	1.742410689	0.5703412	1.3213458	1.0331893	1.2221388	6.3341123
7125000000	1.570796327	0.942477796	-4.210557006	1.475428732	-0.7594724213	1.358526807	0.615846	1.1851449	0.9162761	1.1693011	5.7707257
7125000000	1.570796327	0.994837674	-2.597432665	1.128425521	-0.680778613	0.787450417	0.7415294	1.1387313	0.9246153	1.0948951	5.8001825
7125000000	1.570796327	1.047197551	-1.18719438	1.859724908	0.78316328	0.532522303	0.8722486	1.2387574	1.0943548	1.0632719	6.585085
7125000000	1.570796327	1.099557429	-0.76273142	2.399323588	1.882928509	0.508260685	0.9159324	1.3181541	1.242071	1.0602616	7.1136635
7125000000	1.570796327	1.151917306	-1.084958832	1.9959821	1.777289087	0.427303848	0.8825759	1.2583432	1.2270562	1.0504253	6.8847019
7125000000	1.570796327	1.204277184	-1.346070736	0.941573478	1.114884622	0.565525058	0.8564391	1.1144964	1.1369575	1.0672748	6.3928787
7125000000	1.570796327	1.256637061	-1.067387321	0.459550373	1.190951285	1.3448161	0.8843631	1.0543323	1.1469581	1.1674658	6.5535331
7125000000	1.570796327	1.30896939	-0.716325553	1.1501194289	2.001942849	2.352888519	0.9208393	1.1415817	1.259207	1.311126	7.2961844
7125000000	1.570796327	1.361356817	-0.974191379	1.897014147	2.31861331	2.884241535	0.8939031	1.2440869	1.3059624	1.3938733	7.6723396
7125000000	1.570796327	1.413716694	-2.001308734	1.950447368	1.501237724	2.701623772	0.7942086	1.2517637	1.1886716	1.3648382	7.2357887
7125000000	1.570796327	1.466076572	-3.194825884	1.42629789	0.03788642	2.024478396	0.6922432	1.1784601	1.0043714	1.2624783	6.3142715
7125000000	1.570796327	1.518436449	-3.559829205	0.892190693	-0.871958244	1.304802897	0.6637561	1.108178	0.9044865	1.162091	5.6626574
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7125000000	1.570796327	1.623156204	-2.828476961	0.261329272	-0.046949658	-0.066427445	0.7220648	1.0305438	0.9946039	0.9923814	5.4539015
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7125000000	1.570796327	1.72787596	-5.086354347	-3.419295971	-0.860462572	-3.062197396	0.5567783	0.7645827	0.9056844	0.7028945	4.5045828
7125000000	1.570796327	1.780235837	-5.817176892	-4.900251848	-2.500418489	-3.630417303	0.5118482	0.5688364	0.7498581	0.6583886	1.8996415
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7125000000	1.570796327	1.989675347	-7.734783077	-2.816554039	-5.739821734	-2.7577499	0.4104506	0.7320566	0.516427	0.7279684	1.5032809
7125000000	1.570796327	2.042035122	-9.241399745	-5.327062908	-5.964888431	-2.681467236	0.3450881	0.6662648	0.5032173	0.7343898	1.0190348
7125000000	1.570796327	2.094395205	-9.27899344	-5.216220569	-5.798232677	-4.135461818	0.3435622	0.5485156	0.4571812	0.6969906	0.1985719
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7125000000	1.623156204	-1.361356817	2.129483169	-1.070221508	-0.219699243	-0.97838568	1.2778332	0.8840746	0.9750234	0.8934715	6.086369
7125000000	1.623156204	-1.308969939	1.734950496	-1.60693874	-1.071552294	-1.46523464	1.2210886	0.8310996	0.8839392	0.8447696	5.5312991
7125000000	1.623156204	-1.256637061	1.489501365	-2.042468161	-1.259339152	-2.195857983	1.1870666	0.790454	0.8650337	0.7766174	5.1515837
7125000000	1.623156204	-1.204277184	1.664860875	-1.773801085	-0.561401901	-2.555666335	1.2112758	0.8152859	0.9374107	0.7451036	5.3647149
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7125000000	1.623156204	-1.099557429	1.383693356	-0.64996797	-1.161522716	-2.517455627	1.1726939	0.9278978	0.8748304	0.7483887	5.3991523
7125000000	1.623156204	-1.047197551	1.092790627	-1.080826279	-2.780041217	-3.200216037	1.1340691	0.8829959	0.7261025	0.6918138	4.6978877
7125000000	1.623156204	-0.994837674	1.576618393	-2.102035265	-3.463930195	-4.307596207	1.1990324	0.7850517	0.6711251	0.6090041	4.2549705
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7125000000	1.623156204	-0.366519143	-3.985029882	-10.78631893	-4.322664466	-16.46499462	0.6320457	0.2888578	0.6079485	0.1848206	-1.3420412
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7125000000	1.623156204	0.314159265	-20.35470809	-2.245081054	-12.05429327	-3.698724668	0.0959985	0.7718817	0.2496234	0.632265	-1.0558504
7125000000	1.623156204	0.366519143	-20.09625242	-2.286239163	-9.205519656	-2.450877638	0.098898	0.7685782	0.3465166	0.7541472	-0.1394806
7125000000	1.623156204	0.41887902	-16.99541166	-2.594463378	-6.937564188	-2.193721372	0.1413284	0.7417829	0.449906	0.7768084	-0.4643319
7125000000	1.623156204	0.471238898	-15.19076591	-1.68440833	-4.84129426	-2.775599941	0.1739649	0.8237199	0.572715	0.7264739	1.0204125
7125000000	1.623156204	0.523598776	-14.12682641	-0.136803885	-2.980664368	-2.932165792	0.196634	0.9843727	0.7095235	0.7134963	2.2920082
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7125000000	1.623156204	0.628318531	-12.91548879	1.061350429	-1.977240376	-1.027148431	0.226061	1.1299716	0.7964123	0.8884669	3.6394843
7125000000	1.623156204	0.680678408	-10.75548464	0.927942865	-2.258968093	-0.510736408	0.289885	1.1127488	0.7709951	0.9428947	3.8592848
7125000000	1.623156204	0.733038286	-8.529499032	1.276650857	-0.15794556	0.122140919	0.3745631	1.1583306	0.8345652	1.0141613	4.561897
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7125000000	1.623156204	1.099557429	-0.396279052	0.947886807	2.045922913	1.209253446	0.9554018	1.1153068	1.2655991	1.1493774	7.0159757
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7125000000	1.623156204	1.256637061	0.001778136	0.310297762	1.739569836	1.849523508	1.0002047	1.0363701	1.2217392	1.2370333	7.0135868
7125000000	1.623156204	1.308969939	0.385138896	1.147155216	2.576090141	2.441734296	1.0453385	1.1411895	1.3444186	1.324606	7.7041733
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7125000000	1.623156204	1.570796327	-2.32990582	0.730539126	-0.150103662	-0.708294465	0.764724	1.0877447	0.9828671	0.9216909	5.4762855
7125000000	1.623156204	1.623156204	-2.28977408	0.485854838	0.50332623	-1.785262368	0.7682654	1.0573031	1.0596594	0.8142108	5.3426501
7125000000	1.623156204	1.675156082	-3.20501268	-0.536179995	0.64828885	-3.4403076495	0.6914318	0.9401367	1.077493	0.6727383	4.562328
7125000000	1.623156204	1.72787596	-4.789001592	-2.452142977	-0.203428106	-5.033812783	0.576169	0.7540373	0.9768516	0.5601565	3.1286037
7125000000	1.623156204	1.780235837	-5.795474568	-3.789697647	-1.785055173	-5.085783027	0.5131287	0.6464205	0.8142303	0.5568149	2.0438507
7125000000	1.623156204	1.832595715	-5.864559513	-3.162344541	-3.199655523	-4.076763863	0.5090636	0.4984367	0.6918584	0.6254057	2.0141233
7125000000	1.623156204	1.884955592	-5.979638675	-2.203477348	-3.967138294	-3.108295732	0.5023635	0.7759364	0.633349	0.6991373	2.314948
7125000000	1.623156204	1.93731547	-6.498867169	-1.919675527	-4.596576657	-2.346046286	0.473213	0.801708	0.5890758	0.6733043	2.3695969
7125000000	1.623156204	1.989675347	-6.931366809	-2.320116368	-4.987352342	-1.841345264	0.4502271	0.7655863	0.5631608	0.8089706	2.2385004
7125000000	1.623156204	2.042035225	-6.964232998	-3.582772891	-5.191902007	-1.807735496	0.4485268	0.6620051	0.5500535	0.8121069	1.8428016
7125000000	1.623156204	2.094395102	-6.188053066	-6.332531556	-4.04399197	-2.536584993	0.4904529	0.4823624	0.4986553	0.7467423	0.8994645
7125000000	1.623156204	2.146									

7125000000	1.675516082	-1.780235837	-2.541527177	-3.104041932	-3.100301305	-2.363283232	0.7463175	0.6995164	0.6998177	0.761791	3.2496232
7125000000	1.675516082	-1.72787596	-2.342980378	-1.966476675	-1.926972871	-1.365947686	0.7635737	0.7973999	0.8010347	0.8544814	4.1270436
7125000000	1.675516082	-1.675516082	-1.919988495	-1.406040865	-0.741034065	-0.897225184	0.8016791	0.8505463	0.9182233	0.9018592	4.7917646
7125000000	1.675516082	-1.623156204	-1.90987813	-1.656252649	-1.074028417	-1.194216998	0.8026128	0.8263944	0.9214644	0.8715437	4.6650391
7125000000	1.675516082	-1.570796327	-1.687593834	-2.097209412	-1.495764251	-1.912638283	0.8234179	0.785488	0.8418056	0.8023578	4.2252662
7125000000	1.675516082	-1.518436449	-0.273790799	-1.890250518	-1.690257368	-2.334782485	0.9689703	0.8044285	0.8231654	0.7642799	4.5084059
7125000000	1.675516082	-1.466076572	1.539827687	-1.045228682	-0.795611376	-0.207263736	1.1939644	0.8866221	0.9124718	0.7877135	5.5310095
7125000000	1.675516082	-1.413716694	2.584163092	-0.28035407	-0.011668312	-1.535764332	1.3465056	0.9682384	0.9986575	0.8379378	6.3431647
7125000000	1.675516082	-1.361356817	2.601240867	-0.127746185	-0.28182435	-1.42774601	1.3491556	0.9854003	0.9680745	0.8484225	6.3425676
7125000000	1.675516082	-1.308996939	2.043527463	-0.520510491	-1.178295181	-1.022297735	1.2652501	0.9418342	0.8731427	0.7922917	5.7392707
7125000000	1.675516082	-1.256637061	1.74046241	-0.860552545	-1.43948906	-2.915287746	1.2218647	0.905675	0.8472773	0.7148841	5.3192236
7125000000	1.675516082	-1.204277184	1.985964858	-0.615161731	-0.816773718	-3.311312011	1.2568928	0.9316267	0.9102513	0.6830215	5.5335336
7125000000	1.675516082	-1.151917306	2.195592023	-0.037585355	-0.589490444	-3.058578671	1.2875959	0.9956822	0.9343842	0.7031874	5.8470039
7125000000	1.675516082	-1.099557429	1.954015488	0.148052653	-1.692801248	-2.971559901	1.2522781	1.0171913	0.8229244	0.7102676	5.5811531
7125000000	1.675516082	-1.047197551	1.689476172	-0.45878639	-3.621332772	-3.724314655	1.2147134	0.948551	0.6590728	0.6513048	4.795101
7125000000	1.675516082	-0.994837674	2.121963966	-1.645148363	-1.692804257	-5.099842457	1.2767275	0.8274516	0.594835	0.5559143	4.2302287
7125000000	1.675516082	-0.942477796	2.780429447	-2.713213078	-3.569769535	-5.793749509	1.3772776	0.7317182	0.6629969	0.5132306	4.3106979
7125000000	1.675516082	-0.890117919	2.690616601	-3.33038716	-2.418927842	-5.223427433	1.3631098	0.6815232	0.7569263	0.5480607	4.4793104
7125000000	1.675516082	-0.837758041	1.57934862	-0.473609542	-1.271650267	-4.527965178	1.1994094	0.6253628	0.7836416	0.5937474	4.0889962
7125000000	1.675516082	-0.785398163	0.320922931	-5.311277259	-2.135055885	-4.479200357	1.0376387	0.5425455	0.7820728	0.5970903	3.4033186
7125000000	1.675516082	-0.733038286	0.295803015	-6.24653388	-1.600995577	-5.350300251	1.0346421	0.4871619	0.8316684	0.5401134	3.2081276
7125000000	1.675516082	-0.680678408	0.665764246	-6.048269973	-0.686579936	-7.321875096	1.079663	0.4984097	0.9239979	0.4304337	3.3241733
7125000000	1.675516082	-0.628318531	0.213976395	-5.600748392	-0.287880691	-10.1103762	1.0249409	0.5247622	0.9673997	0.3122347	3.0130955
7125000000	1.675516082	-0.57598653	-0.991116345	-5.863984956	-0.728434943	-11.55022414	0.8921629	0.5090973	0.9195561	0.2645384	2.2298031
7125000000	1.675516082	-0.523598776	-2.164401122	-7.096409866	-1.651206489	-10.95997149	0.7794351	0.441753	0.8268746	0.2831401	1.3310014
7125000000	1.675516082	-0.471238898	-2.772090547	-8.743405243	-2.516257894	-11.27382985	0.7267675	0.3654515	0.7484919	0.2730917	0.4806884
7125000000	1.675516082	-0.41887902	-3.171744486	-9.444264055	-3.311265739	-13.32101884	0.6940852	0.3371218	0.6830252	0.2571491	-0.309538
7125000000	1.675516082	-0.366519143	-3.950020887	-9.889298068	-4.277065339	-14.12602906	0.6345984	0.3202839	0.6111485	0.1966521	-1.0971165
7125000000	1.675516082	-0.314159265	-4.848764559	-12.05715038	-5.323701053	-12.01400213	0.5722183	0.2495413	0.5417694	0.250784	-1.8608443
7125000000	1.675516082	-0.261799388	-4.858535007	-13.51531424	-6.294694819	-11.10852573	0.571575	0.2109766	0.4844682	0.2783388	-2.2400145
7125000000	1.675516082	-0.20943951	-4.750567679	-10.26876558	-7.118714988	-11.38516139	0.5787242	0.3065926	0.44062	0.2666137	-1.9623887
7125000000	1.675516082	-0.157079633	-5.552990536	-8.56774752	-9.138982666	-9.971478647	0.5276555	0.3729174	0.3917875	0.3172679	-1.8680882
7125000000	1.675516082	-0.104719755	-6.082283851	-9.230395374	-9.028737793	-7.79838777	0.4964618	0.3455256	0.3536399	0.4036299	-1.9421807
7125000000	1.675516082	-0.052359878	-5.74191808	-9.564370812	-9.449179969	-7.297289741	0.5163023	0.3324922	0.336931	0.4316537	-1.8443622
7125000000	1.675516082	-4.446-16	-6.404297585	-6.929235234	-9.885710451	-7.705971586	0.4783933	0.4503376	0.3204162	0.4118143	-1.6134087
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7125000000	1.675516082	0.104719755	-9.999940389	-4.535548017	-10.60864533	-5.143630338	0.3162299	0.5932293	0.2948273	0.5651189	-1.1231605
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7125000000	1.675516082	0.314159265	-20.03889607	-2.418785709	-12.00842118	-3.423974326	0.0995532	0.7569387	0.2509452	0.6742195	-1.0041139
7125000000	1.675516082	0.366519143	-20.05199739	-2.437039098	-8.999196314	-2.250308072	0.0994031	0.7553497	0.3548462	0.7717641	-0.0381081
7125000000	1.675516082	0.41887902	-16.76679675	-2.870595751	-6.748202688	-2.256178195	0.1450976	0.7185719	0.4598221	0.7712427	0.401979
7125000000	1.675516082	0.471238898	-14.61173583	-2.098054827	-4.731103255	-3.051549941	0.1859573	0.7854115	0.5800225	0.7037566	0.1049079
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7125000000	1.675516082	0.730382808	-9.661792748	0.951450196	-1.602141318	0.796680467	0.3287838	1.1157644	0.8315587	1.0980592	4.5757974
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7125000000	1.675516082	0.787358041	-5.173025796	3.156733696	-0.526796019	1.790666399	0.5512501	1.4382576	1.0621597	1.2289471	6.6095225
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7125000000	1.675516082	1.047197551	-1.16188233	1.39726399	-0.831108247	1.520935099	0.8747942	1.1745275	1.1044746	1.1913703	6.7953287
7125000000	1.675516082	1.099557429	-0.747784063	1.069112529	2.111177639	2.213869353	0.91751	1.1309818	1.275143	1.2903802	7.2608446
7125000000	1.675516082	1.151917306	-0.792917011	0.439376288	2.203071688	2.11677216	0.9127549	1.0518863	1.2887052	1.2760975	7.1002978
7125000000	1.675516082	1.204277184	-0.530218163	-0.307541191	1.763429955	1.485900918	0.9407822	0.9652125	1.2250999	1.1865746	6.6843874
7125000000	1.675516082	1.256637061	0.129356323	-0.29430582	2.001877268	1.066750791	1.0150041	0.9666844	1.2591969	1.1306743	7.9212825
7125000000	1.675516082	1.308996939	0.554298762	0.56671121	2.862544909	1.132643109	1.0658963	1.0674206	1.3903599	1.1392844	7.3526361
7125000000	1.675516082	1.361356817	0.301538398	1.391558632	3.183382463	1.064961124	1.0353255	1.1737563	1.4426771	1.1304414	7.5719553
7125000000	1.675516082	1.413716694	-0.562331266	1.714641666	2.372948859	0.383782494	0.9373104	1.2182378	1.3141576	1.0541753	7.0723264
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7125000000	1.72787596	-1.675516082	-1.803573212	-1.27623188	-0.818532818	-2.044919247	0.8124962	0.863353	0.910067	0.790231	4.5478274
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7125000000	1.72787596	-1.413716694	2.04980749	1.021364738	-0.109368323	-2.370822714	1.2661652	1.1247817	0.9874874	0.76113	6.3184929
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7125000000	1.72787596	-1.308996939	1.545239148	1.004445984	-1.32838405	-2.580346036	1.1947085	1.1225929	0.8581848	0.7429895	5.8417433
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7125000000	1.72787596	-1.204277184	1.852869591	0.663531083	-1.000505428	-3.312169087	1.2377801	1.0793854	0.8911991	0.6829541	5.7813361
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7125000000	1.72787596	-1.047197551	2.086141337	-0.253394432	-4.312057799	-3.581029161	1.2714728	0.9712483	0.6086913	0.662138	4.894324
7125000000	1.72787596	-0.994837674	2.409082715	-1.699117868	-5.460499718	-5.612143823	1.3196359	0.8223262	0.5333042	0.5240742	4.0806095
7125000000	1.72787596	-0.942477796	3.002941986	-2.921855749	-4.421261311	-7.250242194	1.4130161	0.7143437	0.6010864	0.4339982	3.799858
7125000000	1.72787596	-0.890117919	2.921536571	-3.530453164	-3.104634697	-6.882327755	1.3998349	0.6660048	0.6994867	0.4527762	4.1313492
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7125000000	1.72787596	-0.733038286	0.353337927	-5.957182669	-2.060059657	-5.176659339	1.0415183	0.5036639	0.7888547	0.5510196	3.1824866
7125000000	1.72787596	-0.680678408	0.727909374	-6.045161504	-1.051750822	-6.484063732	1.0874154	0.4985881	0.8859566	0.4740202	3.3639968
7125000000	1.72787596	-0.628318531	0.480646336	-5.901860573	-0.507959695	-9.11942224	1.0568962	0.5068821	0.9431961	0.3499684	3.0397369
7125000000	1.72787596	-0.575958653	-0.489047135	-6.264990299	-0.763153977	-11.56071616	0.9452521	0.4861278	0.9158879	0.2642191	2.317157
7125000000	1.72787596	-0.523598776	-1.695360217	-7.325273709	-1.533038745	-11.08342865	0.822682	0.4302653	0.8382008	0.2791442	1.745438
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7125000000	1.72787596	-0.41887902	-3.153684329	-8.668330534	-3.206176339	-12.21324965	0.6955299	0.3686239	0.6913392	0.2540967	0.0025660
7125000000	1.72787596	-0.366519143	-3.938795982	-9.070337429	-4.213463548	-13.74654012	0.635419	0.3519517	0.61564	0.2054431	-0.744935
7125000000	1.72787596	-0.314159265	-4.774793461	-11.247035	-5.25543646	-12.01075702	0.5771123	0.2739355	0.5460447	0.2508787	-1.6861269
7125000000	1.72787596	-0.261799388	-4.805540133	-12.75980604	-6.239206581	-11.01938724	0.575073	0.2301493	0.487573	0.2812099	-2.0804762
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7125000000	1.72787596	0.785398163	-9.793830691	2.047186945	-0.458415171	1.488946524	0.4009207	1.2657833	0.9485915	1.1869097	5.5802962
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7125000000	1.780235837	-2.094395102	-9.572648175	-6.343008402	-8.96283087	-5.465707849	0.3321755	0.4817809	0.356335	0.5329845	-1.3948998
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7125000000	1.780235837	-0.994837674	2.262383999	-1.58770383	-6.057892327	-4.64045244	1.2975354	0.8329421	0.4987579	0.5861076	4.1215146
7125000000	1.780235837	-0.942477796	2.837315268	-3.168174094	-4.995751427	-7.167460882	1.3863273	0.6934706	0.5625025	0.4381542	3.7542283
7125000000	1.780235837	-0.890117919	2.793381691	-4.038491071	-3.612273854	-8.365246258	1.3793329	0.6281675	0.6597605	0.3817136	3.6624759
7125000000	1.780235837	-0.837758041	1.779081429	-4.650142411	-3.20211862	-7.61526184	1.2273094	0.5854541	0.6916222	0.4161673	3.2887327
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7125000000	1.780235837	-0.733038286	0.302552835	-6.304525607	-2.634694539	-5.393801042	1.0354464	0.4839202	0.7383551	0.5374152	2.9074618
7125000000	1.780235837	-0.680678408	0.837392412	-6.592593982	-1.544811413	-5.803909742	1.1012087	0.4681341	0.8370655	0.5126306	3.2841976
7125000000	1.780235837	-0.628318531	0.857073324	-6.699264615	-0.831142786	-7.8559464	1.1037067	0.4624202	0.9087467	0.4047647	3.166159
7125000000	1.780235837	-0.575958653	0.045374336	-7.090691338	-0.86471586	-10.86471586	1.0052376	0.4420439	0.9030712	0.2862623	2.4003477
7125000000	1.780235837	-0.523598776	-1.308619688	-7.780271356	-1.494002555	-11.18114603	0.8601397	0.4083066	0.8419763	0.2760214	1.5344252
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7125000000	1.93731547	-1.047197551	0.771297585	-0.074091821	-3.998843624	-0.290293815	1.0928609	0.9515061	0.6310414	0.967131	5.5023481
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7125000000	1.93731547	-0.680678408	1.169807188	-6.153325865	-3.037632177	-5.115712567	1.1441695	0.4924178	0.7048852	0.5548995	3.2168499
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7125000000	1.93731547	-0.575958653	0.323279965	-8.834975356	-1.393341358	-8.814243427	1.0379203	0.361619	0.8517908	0.3759665	2.3814751
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7125000000	1.93731547	2.775073511	-14.73307937	-9.097342702	-8.851018592	-15.30780855	0.1833775	0.3508592	0.3609517	0.1716509	-5.4586204
7125000000	1.93731547	2.827433388	-17.09627846	-7.743573778	-8.184405439	-15.66099313	0.1396967	0.4100354	0.3897443	0.1647974	-5.1596954
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7125000000	1.93731547	2.932153143	-15.4152172	-12.05573332	-5.68530717	-16.98268262	0.1695271	0.2875553	0.5196784	0.1415357	-5.0496414
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7125000000	1.989675347	2.513274123	-9.912726047	-5.62617935	-9.355698439	-9.101863943	0.3194212	0.5232281	0.3405768	0.3506766	-2.3046439
7125000000	1.989675347	2.565634	-13.32109086	-6.554414415	-11.8321861	-6.94035764	0.2157473	0.4701964	0.2560889	0.4497133	-1.3491012
7125000000	1.989675347	2.617993878	-11.92479326	-7.98601586	-9.178483208	-5.643471676	0.253373	0.3987486	0.3475969	0.2521874	-2.3728438
7125000000	1.989675347	2.670353756	-10.59697628	-9.604636595	-6.726506739	-6.666849537	0.2952237	0.3309544	0.4609721	0.4641491	-2.2066879
7125000000	1.989675347	2.722713633	-11.59878702	-9.562926294	-7.016329184	-10.27702664	0.2630635	0.3325475	0.4458446	0.3063012	-3.428369
7125000000	1.989675347	2.775073511	-14.3261178	-7.84888569	-8.684057669	-16.20480492	0.1921738	0.4500939	0.367957	0.514796	-5.0360787
7125000000	1.989675347	2.827433388	-16.67426307	-6.890948798	-8.038129348	-18.74248624	0.1466516	0.452327	0.3963634	0.1155787	-5.1069427
7125000000	1.989675347	2.874793266	-16.54708158	-7.814974392	-5.66162111	-19.0350261	0.1488147	0.4666786	0.5208851	0.1117503	-4.5233306
7125000000	1.989675347	2.932153143	-14.84005875	-10.33949652	-5.073420145	-15.48447943	0.1811328	0.3041061	0.557608	0.1681807	-4.3575194
7125000000	1.989675347	2.984513021	-14.36224484	-13.5086568	-7.152824349	-12.4120672	0.1913761	0.2111384	0.4388931	0.2395503	-5.3444245
7125000000	1.989675347	3.036872899	-16.25940073	-17.93338862	-11.78055348	-13.56455236	0.1538261	0.1268617	0.2576157	0.209784	-8.541552
7125000000	1.989675347	3.089232776	-18.9432464	-22.19031674	-16.03161248	-20.09987966	0.1129374	0.0777113	0.1579135	0.098567	-13.006314
7125000000	1.989675347	3.141592654	-19.13630003	-19.90078192	-14.50141591	-19.6711104	0.1104549	0.1011488	0.1883342	0.1038591	-11.975488
7125000000	2.042035225	3.141592654	-19.13629991	-19.9007818	-14.50141605	-19.67110987	0.1104549	0.1011488	0.1883342	0.1038591	-11.975488
7125000000	2.042035225	3.089232776	-19.04662043	-14.33767118	-14.63831198	-18.25638173	0.1116012	0.1919183	0.185393	0.1223309	-10.297377
7125000000	2.042035225	3.036872899	-16.79638499	-10.14919664	-14.37198564	-12.42321996	0.1446041	0.1308423	0.1911616	0.2392429	-7.073865
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7125000000	2.042035225	2.932153143	-13.40762638	-9.249047571	-7.293995096	-6.757424495	0.2136086	0.3447884	0.4318175	0.4593342	-2.7959678
7125000000	2.042035225	2.879793266	-11.14685822	-10.59861516	-10.59861516	-8.354633171	0.2771131	0.295168	0.2989527	0.3821803	-4.0587083
7125000000	2.042035225	2.827433388	-8.685390098	-10.94857877	-11.1977012	-9.93068893	0.3679006	0.2835117	0.2754958	0.3187613	-4.112554
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7125000000	2.042035225	2.722713633	-6.75070909	-8.379350467	-9.329532611	-9.028047406	0.4596895	0.3810943	0.3416043	0.3536635	-2.2924497
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7125000000	2.042035225	2.565634	-9.132255954	-5.694459644	-10.43275838	-7.544661131	0.3494517	0.5191331	0.3008584	0.1935938	-1.9982589
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7125000000	2.042035225	2.460914245	-8.490903362	-6.844690342	-10.98191295	-6.126208579	0.3762312	0.4547424	0.3090682	0.4939575	-2.0586523
7125000000	2.042035225	2.408554368	-7.877015912	-6.655211628	-13.05528213	-6.584727354	0.4037841	0.4647713	0.2224518	0.4685583	-2.1605279
7125000000	2.042035225	2.35619449	-8.954062021	-4.751998434	-11.811138	-7.256109623	0.3566949	0.5786288	0.2567102	0.4337051	-1.7995385
7125000000	2.042035225	2.303834613	-12.63751808	-3.122136846	-8.827642769	-6.852974379	0.2334125	0.6980607	0.3619244	0.4543089	-1.17123
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7125000000	2.042035225	1.884955592	-9.158627676	-0.81044337	-3.57812999	-4.357892478	0.3483924	0.9109149	0.6623591	0.6054878	0.1305245
7125000000	2.042035225	1.832595715	-7.745561815	-0.762980744	-4.853622777	-5.275413055	0.4099415	0.9159061	0.5718984	0.5447903	1.7362206
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7125000000	2.042035225	1.72787596	-3.79616789	1.121761659	-2.884152605	-3.157677434	0.6459391	1.137858	0.7174512	0.6952102	4.0727817
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7125000000	2.042035225	1.361356817	1.20514377	1.136463997	-1.587711055	-1.296906984	1.1488338	1.1397857	0.8329414	0.8613004	5.9833036
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7125000000	2.042035225	1.204277184	-1.84669851	2.091888794	-0.685424025	2.958430008	0.8084722	1.2723144	0.9241209	1.4057934	6.8695522
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7125000000	2.042035225	2.932153143	-14.02792408	-10.06830412	-4.600935608	-14.1741543	0.1988858	0.3137508	0.5887802	0.1955655	-3.7619188
7125000000	2.042035225	2.984513021	-14.15949359	-12.95705918	-6.781594841	-11.66096925	0.1958959	0.2249816	0.4580578	0.261187	-4.8815713
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7125000000	2.042035225	3.141592654	-19.13629991	-19.9007818	-14.50141605	-19.67110987	0.1104549	0.1011488	0.1088342	0.1038593	-11.975488
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7125000000	2.042035225	2.513274123	-7.875286442	-5.081171555	-8.645995881	-5.853440958	0.4038645	0.5571106	0.369573	0.5097157	-0.2279986
7125000000	2.042035225	2.460914245	-7.568949463	-5.905614721	-10.12280289	-6.213692379	0.4183623	0.5066631	0.3117883	0.4890073	-1.2806847
7125000000	2.042035225	2.408504568	-7.482095397	-6.831832106	-11.78536815	-7.634879426	0.4225667	0.4554161	0.2574729	0.5115987	-2.1020993
7125000000	2.042035225	2.35619449	-9.059316434	-5.895126236	-10.1960782	-8.188510989	0.3523986	0.5027253	0.3091691	0.3895601	-2.1670041
7125000000	2.042035225	2.303834613	-12.60820913	-4.061639345	-7.803704217	-6.259325735	0.2342014	0.6264956	0.4072066	0.486445	-1.1382821
7125000000	2.042035225	2.251474735	-15.30892809	-2.790892827	-5.964366521	-4.73092361	0.1716143	0.7251959	0.5032476	0.5800345	-0.0868911
7125000000	2.042035225	2.199114858	-14.13543551	-2.2483420819	-4.493329602	-4.99329602	0.1964392	0.7719388	0.5088526	0.5961198	0.3128542
7125000000	2.042035225	2.146754958	-13.94132235	-2.256782275	-7.718955993	-4.630157941	0.2008787	0.7711891	0.4111987	0.5868027	-0.1309704
7125000000	2.042035225	2.094395102	-13.6869649	-2.410152904	-9.75002047	-4.250516187	0.2068475	0.7576914	0.325461	0.6130194	-0.4317364
7125000000	2.042035225	2.042035225	-12.8739076	-2.092964087	-8.36411192	-3.658219471	0.2271458	0.785872	0.3817635	0.6562798	0.2189716
7125000000	2.042035225	1.989675347	-12.46971501	-1.350656562	-5.534860304	-3.30373847	0.2379656	0.8055987	0.528758	0.6836174	1.2378126
7125000000	2.042035225	1.93731547	-10.79377412	-0.863659293	-3.597880556	-3.451620464	0.2886099	0.953511	0.6068457	0.6720769	2.0311359
7125000000	2.042035225	1.884955592	-8.876201936	-0.835435863	-5.90794125	-4.24567017	0.3599067	0.9082977	0.6675907	0.6133615	2.1073309
7125000000	2.042035225	1.832595715	-7.4469638	-0.734928851	-4.639610737	-4.90107373	0.4242793	0.9188689	0.5861644	0.5687286	1.9137579
7125000000	2.042035225	1.780235837	-6.069115959	0.047547468	-5.04286732	-3.976356657	0.497215	1.0054891	0.5953682	0.6326772	2.7050374
7125000000	2.042035225	1.72787596	-4.743229083	1.078546705	-2.833525139	-2.316820193	0.5792133	1.1322109	0.7216452	0.7658769	4.0795394
7125000000	2.042035225	1.675516082	-3.686783422	1.531553581	-1.950873504	-1.451563463	0.6541251	1.1952276	0.7988336	0.8461003	4.8406027
7125000000	2.042035225	1.62315620									

7125000000	2.094395102	0.785398163	-4.754501489	0.752370366	-3.25608542	2.620448187	0.5784621	1.090482	0.6873782	1.3521423	5.363283
7125000000	2.094395102	0.837758041	-3.731126021	1.802541541	-1.697705975	3.847528177	0.6507942	1.2306288	0.8224598	1.5573148	6.5700337
7125000000	2.094395102	0.890117919	-3.144404938	2.485388653	-1.648674275	3.98754701	0.6962733	1.3312801	0.8271157	1.5826226	6.9217597
7125000000	2.094395102	0.942477796	-2.601031532	2.776357483	-2.776698279	3.136960858	0.7412222	1.376632	0.7694229	1.4349873	6.6936266
7125000000	2.094395102	0.994837674	-2.126637085	2.907332997	-1.975055093	2.361556289	0.7828312	1.3975477	0.7966127	1.312435	6.6273852
7125000000	2.094395102	1.047197551	-1.981012389	3.052617071	-0.663180686	2.733882736	0.7906666	1.4211203	0.9264905	1.3699166	7.0698499
7125000000	2.094395102	1.099557429	-2.144435801	3.070910472	-0.218771098	3.586667016	0.7812287	1.4421165	1.0255068	1.4728664	7.067864
7125000000	2.094395102	1.151917306	-2.308123035	2.676526602	0.070785146	3.12234054	0.7666442	1.3609004	1.0081827	1.4325739	7.1744946
7125000000	2.094395102	1.204277184	-2.199198881	1.884082818	-0.544905142	1.796706459	0.7763187	1.2422361	0.9391929	1.2298024	6.4186003
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7125000000	2.094395102	1.413716694	-1.434010023	1.023357169	-1.207077772	-1.118625942	0.8478119	1.1250397	0.8702542	0.8791616	5.3955514
7125000000	2.094395102	1.466076572	-1.857970573	0.138452134	-3.439638446	-0.377901744	0.8074237	1.0160676	0.6730047	0.9574253	4.7456488
7125000000	2.094395102	1.518436449	-2.229447082	-0.703613538	-5.430811251	0.61858553	0.7736199	0.9221877	0.5351302	1.0738145	4.3621784
7125000000	2.094395102	1.57096327	-2.116710565	-1.080738002	-4.304102902	1.3386671	0.7837264	0.8830049	0.609249	1.1666306	4.7171588
7125000000	2.094395102	1.623156204	-1.656816743	-1.557802771	-2.156963251	1.340545222	0.8263407	0.8358144	0.7801028	1.1668829	5.1274766
7125000000	2.094395102	1.67516082	-1.453198641	-2.768486686	-1.903252787	0.490204852	0.845941	0.7270691	0.8032253	1.0580599	4.6961525
7125000000	2.094395102	1.72787596	-1.881649475	-4.533300711	-4.126330249	-1.159004642	0.8052255	0.5933828	0.6218469	0.857084	3.2139894
7125000000	2.094395102	1.78023837	-2.733303625	-5.557174771	-7.8896954	-3.609155355	0.7300201	0.5274014	0.4031951	0.6599974	1.2914582
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7125000000	2.094395102	2.199114858	-4.658934186	-8.220839186	-5.785622138	-10.292183828	0.5848618	0.3881129	0.513711	0.3057672	-0.9516448
7125000000	2.094395102	2.251474735	-4.264421636	-9.173556818	-9.42384702	-10.43208413	0.6120387	0.3477941	0.3379151	0.3088717	-1.9456426
7125000000	2.094395102	2.303834613	-4.126019961	-9.83268289	-11.05572641	-7.775670689	0.6218691	0.3223783	0.2800359	0.408253	-1.7619065
7125000000	2.094395102	2.35619449	-4.437865783	-11.36350089	-7.123203631	-6.324036083	0.5999385	0.2702869	0.4403924	0.4828344	-0.9468041
7125000000	2.094395102	2.408554368	-5.558802469	-12.58875466	-6.132894719	-6.43706876	0.5273026	0.2347266	0.4935774	0.4765918	-1.2486476
7125000000	2.094395102	2.460914245	-7.368137187	-11.16491323	-7.214590315	-8.552860001	0.4281472	0.2765377	0.4357832	0.2735571	-2.4179377
7125000000	2.094395102	2.513274123	-8.572168657	-8.2049793	-11.60923258	-14.61064396	0.3727276	0.3888222	0.2627474	0.1859807	-4.3628984
7125000000	2.094395102	2.565634	-8.078288276	-6.338387154	-11.15035191	-13.81623436	0.394535	0.4820373	0.2770017	0.2037925	-3.66657
7125000000	2.094395102	2.617993878	-7.499390465	-6.28997497	-5.485344083	-7.387902945	0.4217261	0.4847315	0.531781	0.427174	-0.6051071
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7125000000	2.14675498	-2.617993878	-4.77569243	-7.146381484	-13.34906697	-7.103427587	0.5770526	0.4392188	0.2150536	0.4413962	-1.5521288
7125000000	2.14675498	-2.565634	-5.437500819	-5.73024458	-6.33755352	-6.033466611	0.5347182	0.5169967	0.3034752	0.4992599	-0.6562974
7125000000	2.14675498	-2.513274123	-6.566671803	-4.863031583	-8.579682174	-5.775274605	0.4695333	0.5712792	0.3724053	0.5143234	-0.2605263
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7125000000	2.14675498	-2.35619449	-9.270302814	-6.008055481	-8.644648664	-8.141469955	0.3439417	0.5007226	0.3696303	0.3916756	-1.90585
7125000000	2.14675498	-2.303834613	-10.8029542	-4.973489924	-6.666367731	-5.158138888	0.2883051	0.5640603	0.4588615	0.5521975	-1.6143729
7125000000	2.14675498	-2.251474735	-10.49301183	-3.759754757	-5.352274117	-3.638949658	0.2897785	0.6486527	0.5399899	0.6577374	-0.6085881
7125000000	2.14675498	-2.199114858	-9.50953308	-2.988709896	-5.583638475	-3.65714682	0.334598	0.7088666	0.525797	0.6563606	0.9284927
7125000000	2.14675498	-2.14675498	-9.173610686	-2.629691819	-7.582967622	-4.063434203	0.3477919	0.7387805	0.4176876	0.6236662	0.5495454
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7125000000	2.14675498	0.41887902	-9.356616902	-4.611432414	-6.719704682	-1.403937065	0.3405408	0.5880691	0.4613333	0.8507523	0.987075
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7125000000	2.14675498	0.785398163	-6.630086562	0.760155153	-3.353400302	2.578340225	0.4661178	1.0914598	0.6797199	1.3456032	5.0640956
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7125000000	2.14675498	0.890117919	-4.672997259	2.14542347	-1.639789988	3.353066685	0.5839157	1.2801804	0.8279622	1.4711377	6.3679372
7125000000	2.14675498	0.942477796	-3.722760499	2.534426853	-2.176456178	2.142289964	0.6514213	1.3388174	0.7783541	1.2797186	6.1248783
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7125000000	2.14675498	1.151917306	-1.22714071	2.684722702	0.254511343	2.083992538	0.8682463	1.3621851	1.0297352	1.2711583	7.1039043
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7125000000	2.14675498	1.256637061	-0.593845591	1.116559135	-0.640721725	-0.664394968	0.9339158	1.1371767	0.9288892	0.926361	5.8591641
7125000000	2.14675498	1.30896939	-0.111295854	0.740527791	-0.266812444	-1.165041263	0.9872683	1.0889663	0.9697491	0.8744761	5.8462066
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7125000000	2.14675498	1.570796327	-0.523941541	-0.103547891	-3.518102922	1.505329643	0.9414623	0.8898619	0.6669524	1.1892317	5.3140602
7125000000	2.14675498	1.623156204	-0.555185819	-1.028194711	-1.753359596	1.493168866	0.9380818	0.8883626	0.8172069	1.1875679	5.46614
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7125000000	2.14675498	1.937315747	-5.932912743	-4.877600409	-5.746037188	-11.75366424	0.5050732	0.5703218	0.510738	0.2584144	-0.7028033
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7125000000	2.14675498	2.14675498	-5.000855082	-3.988116055	-4.99544975	-5.993405204	0.562286	0.6318212	0.5623708	0.5015679	1.0540553
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7125000000	2.199114858	2.617993878	-6.596906522	-5.47685961	-3.814984805	-13.01752565	0.4679018	0.5323007	0.6445413	0.2234029	-0.5922971
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7125000000	2.199114858	2.722713633	-10.899677	-8.231242824	-6.9660474	-7.713499325	0.2851124	0.3876483	0.4625618	0.4114575	-2.2302287
7125000000	2.199114858	2.775073511	-12.27024213	-7.82455213	-11.79831435	-10.45504876	0.2434938	0.4602304	0.2570895	0.3000873	-3.8716777
7125000000	2.199114858	2.827433388	-11.15723899	-7.413982367	-8.780793113	-12.67128299	0.2767821	0.4258934	0.3638818	0.2325069	-3.7479875
7125000000	2.199114858	2.879793266	-10.87604078	-8.345553426	-6.473393988	-12.56025991	0.2858893	0.3825801	0.583889	0.2354579	-2.5693802
7125000000	2.199114858	2.932153143	-11.69648764	-9.969467966	-4.006304958	-11.28224579	0.2601211	0.3734143	0.6304995	0.2782722	-2.6107354
7125000000	2.199114858	2.984513021	-13.2605641	-11.5262667	-6.363588569	-10.0197753	0.217256	0.2652667	0.5806407	0.3155086	-3.8854001
7125000000	2.199114858	3.036872899	-16.53061707	-14.60439172	-11.35261035	-11.87606512	0.1490971	0.1861146	0.270626	0.2547984	-7.324209
7125000000	2.199114858	3.089232776	-19.80526184	-19.16972011	-16.19512761	-19.65910507	0.1022673	0.1100307	0.1549686	0.1040027	-12.555216
7125000000	2.199114858	3.141592654	-19.13629992	-19.90078141	-14.50141608	-19.67111024	0.1104549	0.1011488	0.1883342	0.1038591	-11.975488
7125000000	2.251474735	3.141592654	-19.13630013	-19.90078194	-14.5014163	-19.67111024	0.1104549	0.1011488	0.1883342	0.1038591	-11.975488
7125000000	2.251474735	-3.089232776	-18.77630785	-14.96076537	-14.80444497	-18.55403014	0.115129	0.178633	0.181877	0.1181372	-10.548495
7125000000	2.251474735	-3.036872899	-15.681132	-10.28618039	-14.75056153	-11.71569992	0.1644157	0.3059785	0.18397	0.2595383	-8.6026018
7125000000	2.251474735	-2.984513021	-13.73708539	-8.409602548	-8.977574845	-7.240572469	0.2056581	0.3797693	0.3557306	0.4344816	-2.2500606
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7125000000	2.251474735	-2.879793266	-								

7125000000	2.251474735	-0.471238898	-2.766375809	-3.710938694	-4.085293604	-8.32766302	0.7272458	0.6523085	0.6247918	0.3833689	1.5390498
7125000000	2.251474735	-0.41887902	-2.672520917	-4.50683464	-4.963554292	-8.15755388	0.7351466	0.5990538	0.5647058	0.390951	1.1755682
7125000000	2.251474735	-0.366519143	-2.776960041	-4.923275305	-6.379451926	-10.02032431	0.7263601	0.5673306	0.4797637	0.3154887	0.3779326
7125000000	2.251474735	-0.314159265	-3.655303559	-5.326881098	-7.802750625	-13.94302093	0.6565001	0.5414595	0.4072513	0.2008394	-0.8860031
7125000000	2.251474735	-0.261799388	-5.287833464	-5.408625456	-8.316122988	-11.97851903	0.5440118	0.5364988	0.3838786	0.2518106	-1.6134087
7125000000	2.251474735	-0.20943951	-6.729457013	-5.620769575	-8.975369615	-11.24435174	0.4608156	0.5235554	0.355821	0.2740021	-1.8613956
7125000000	2.251474735	-0.157079633	-7.002935795	-6.428490978	-9.94532801	-12.58807166	0.4465326	0.4770627	0.3275468	0.234745	-2.5808833
7125000000	2.251474735	-0.104719755	-6.408685559	-7.499189774	-9.508474817	-9.619785153	0.4781517	0.4217358	0.3346388	0.3303777	-2.1308456
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7125000000	2.251474735	0.052359878	-8.243427873	-5.820184757	-10.58974519	-6.15400012	0.3871048	0.511671	0.2954696	0.4923795	-1.4802298
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7125000000	2.251474735	0.261799388	-10.36512852	-6.351253577	-8.269283821	-3.8916009	0.30321	0.4813238	0.3859542	0.638881	-0.8700569
7125000000	2.251474735	0.314159265	-9.722414415	-5.071666749	-6.543425635	-2.796090387	0.3264971	0.5577206	0.4707916	0.7247621	0.3397119
7125000000	2.251474735	0.366519143	-9.489927759	-4.445476256	-5.927969485	-2.257705667	0.3353541	0.599413	0.5053608	0.7711071	0.0720982
7125000000	2.251474735	0.41887902	-9.144364244	-4.434395673	-5.727190194	-1.555216019	0.3489649	0.6001782	0.5171785	0.8360634	1.2229592
7125000000	2.251474735	0.471238898	-8.500223159	-4.092799514	-5.106707697	-1.145497207	0.3758277	0.6242521	0.5554751	0.876446	1.6986749
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7125000000	2.251474735	0.575958653	-6.555016292	-1.403494961	-4.255642753	-0.927476387	0.4701638	0.8507956	0.6126577	0.8987237	3.0223101
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7125000000	2.251474735	2.513274123	-5.978872219	-6.734800308	-11.95706627	-6.623021935	0.5024078	0.4605322	0.2524333	0.4664971	-1.5047495
7125000000	2.251474735	2.565634	-6.444069753	-5.089970859	-7.150776885	-11.22248704	0.4762078	0.5565465	0.4389966	0.2747107	-1.1747188
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7125000000	2.303834613	-4.44E-16	-6.404297388	-6.92923482	-9.88570937	-7.705971798	0.4783933	0.4503377	0.3204162	0.4118143	-1.6134085
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7125000000	2.303834613	0.20943951	-12.22786014	-7.667221249	-10.55050454	-5.568590913	0.2446848	0.4136556	0.2968074	0.5267087	-2.6044768
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7125000000	2.303834613	0.314159265	-9.44893973	-5.379763873	-6.260422214	-2.795470514	0.3369403	0.5382884	0.4863836	0.7248138	0.3674488
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7125000000	2.35619449	0.680678408	-7.266600642	0.786653816	-4.418221413	-0.147082036	0.4331816	1.0947947	0.6012969	0.9832091	3.8415378
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7125000000	2.35619449	1.361356817	-1.260590965	2.00011495	0.641634922	3.287570793	0.8649091	1.2589421	1.0766679	1.4600683	7.3482467
7125000000	2.35619449	1.4131716694	-1.382955396	1.454205076	0.020400362	3.720163737	0.8528099	1.1822525	1.0023514	1.3677546	6.8586505
7125000000	2.35619449	1.466076572	-1.859318515	0.641890583	-1.159944836	1.633012363	0.8072984	1.0766995	0.8749893	1.2068426	5.9460815
7125000000	2.35619449	1.518436449	-2.133597204	-0.08904148	-1.369778547	0.991744241	0.7822042	0.9898011	0.8541046	1.1209525	5.4532186
7125000000	2.35619449	1.570796327	-1.918382448	-0.489432682	-0.543198497	1.305280472	0.8018274	0.9452101	0.9393773	1.162155	5.8653874
7125000000	2.35619449	1.623156204	-1.592432924	-0.648100981	-0.336521454	1.732738952	0.8324887	0.9281004	0.9619975	1.2207787	5.8967402
7125000000	2.35619449	1.675516082	-1.658982871	-0.885919231	-1.81811953	1.47747267	0.8260481	0.9030339	0.8111366	1.1854238	5.4034235
7125000000	2.35619449	1.72787596	-2.213328602	-1.377468771	-4.738976131	0.414232594	0.7750569	0.8533488	0.579497	1.0884858	5.2020842
7125000000	2.35619449	1.780235837	-2.867619665	-1.855703354	-6.949512852	-1.045855878	0.7188181	0.8076344	0.4492875	0.8865581	3.1136976
7125000000	2.35619449	1.832595715	-3.22685032	-1.90620934	-6.591727897	-2.224498987	0.6895956	0.8029519	0.4628216	0.7740608	2.7011572
7125000000	2.35619449	1.884955592	-3.383968393	-1.738961344	-5.510352757	-2.760068962	0.677332	0.8185627	0.5302521	0.727774	2.7718828
7125000000	2.35619449	1.93731547	-3.740038319	-2.0239038	-4.959722189	-2.914141849	0.6501268	0.7921452	0.564955	0.7149784	2.6778181
7125000000	2.35619449	1.9864957347	-4.518419534	-2.956468368	-6.947277192	-3.108793084	0.5944003	0.7115027	0.4983261	0.6991339	1.6987868
7125000000	2.35619449	2.042035225	-5.488083337	-3.505323202	-6.84710643	-3.372769386	0.5316133	0.6679344	0.454616	0.6782058	1.3353473
7125000000	2.35619449	2.094395102	-6.140635669	-2.717481992	-4.532432924	-3.29324422	0.4931377	0.7313511	0.5678431	0.6766028	1.2959521
7125000000	2.35619449	2.14675498	-6.322282005	-1.89964871	-4.629288718	-3.292963783	0.4829319	0.8035586	0.5868614	0.6844659	1.3167923
7125000000	2.35619449	2.199114858	-6.464293959	-2.081739826	-8.61624503						

7125000000	2.408554368	-1.72787596	-3.513146338	-0.235069617	-4.440537578	-1.965979062	0.6673331	0.9732995	0.599754	0.7974456	3.6306757
7125000000	2.408554368	-1.675516082	-3.187212811	0.654968925	-3.955423765	-1.340953165	0.6928502	1.078322	0.6342038	0.8569438	4.2499035
7125000000	2.408554368	-1.623156204	-3.051045574	1.100968666	-4.660497461	-1.641842098	0.7037975	1.1351374	0.5847566	0.8277666	4.2209633
7125000000	2.408554368	-1.570796327	-2.638553795	1.463316958	-5.42540476	-2.49866564	0.7380271	1.1834934	0.5355188	0.7500094	4.1015114
7125000000	2.408554368	-1.518436449	-1.656662185	2.078462167	-4.55301658	-2.903223448	0.8263554	1.2703492	0.592018	0.7188777	4.0270228
7125000000	2.408554368	-1.466076572	-0.456228081	2.832426456	-2.252762042	-2.267961824	0.9488304	1.3855472	0.7715461	0.7701972	5.7473464
7125000000	2.408554368	-1.4137116694	0.328321753	3.299831604	-0.279390514	-1.310318727	1.0385229	1.4621498	0.9683458	0.599715	6.7071299
7125000000	2.408554368	-1.361356817	0.468590029	3.214052761	0.274034446	-1.0117352	1.0554302	1.4477802	1.0320523	0.8900476	6.8982747
7125000000	2.408554368	-1.308996939	0.243457727	2.712591856	-0.376774716	-1.380494432	1.0284256	1.3665628	0.9575496	0.8530516	6.4559738
7125000000	2.408554368	-1.256637061	0.162896229	2.252771527	-0.875129434	-1.55509168	1.0189311	1.2961002	0.9041563	0.8360753	6.1397805
7125000000	2.408554368	-1.204277184	0.398181917	2.127343344	-0.356925803	-0.948948905	1.0469094	1.2775184	0.9597403	0.8965047	6.4043235
7125000000	2.408554368	-1.151917306	0.597864695	1.995496632	0.017472938	-0.218934755	1.0712559	1.2582729	1.0020137	0.9751092	6.662195
7125000000	2.408554368	-1.099557429	0.441392365	1.273064678	-1.051892	-0.244100471	1.0521306	1.1578525	0.8859422	0.9722881	6.1674746
7125000000	2.408554368	-1.047197551	0.020714262	-0.232553751	-3.397189325	-1.239722539	1.0023877	0.9735815	0.6763018	0.8669896	4.9084284
7125000000	2.408554368	-0.994837674	-0.198415009	-2.035466478	-4.998788225	-2.659533163	0.9774156	0.7910914	0.5624198	0.7362467	3.7141668
7125000000	2.408554368	-0.942477796	-3.180722229	-4.464794111	-3.335609745	-1.0144358	1.0144358	0.6933682	0.5980814	0.6811135	3.4841012
7125000000	2.408554368	-0.890117919	0.747822563	-3.448217709	-3.719944367	-2.864886958	1.0899112	0.6723403	0.6516326	0.7190443	3.8984094
7125000000	2.408554368	-0.837758041	1.220053369	-3.382571706	-4.330117066	-2.363422876	1.1508075	0.6774409	0.6074271	0.7617788	4.0754867
7125000000	2.408554368	-0.785398163	1.294132528	-3.029292587	-5.675590348	-2.856958592	1.1606643	0.7055623	0.5202601	0.7197009	3.8239537
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7125000000	2.408554368	-0.680678408	0.301650322	-0.768895658	-4.289850672	-4.829007887	1.0353389	0.9152826	0.6102495	0.5735214	3.9024674
7125000000	2.408554368	-0.628318531	-0.568848706	0.092812224	-3.327645594	-4.304595116	0.9366074	1.0107427	0.6817383	0.6092145	4.1857495
7125000000	2.408554368	-0.575958653	-1.507473205	0.072550558	-3.586833323	-5.064274508	0.8406715	1.0083882	0.6616957	0.5819594	3.7191988
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7125000000	2.408554368	-0.314159265	-4.422991649	-3.549724414	-9.039427682	-12.03691788	0.6009667	0.6645288	0.3532064	0.2501233	-0.5892263
7125000000	2.408554368	-0.261799388	-5.986684233	-4.164586761	-8.782430383	-11.30223801	0.5019562	0.6191141	0.3638132	0.2722	-1.1247523
7125000000	2.408554368	-0.20943951	-6.906792615	-5.045546584	-8.973637648	-10.62545505	0.4515027	0.5594003	0.3558919	0.2942573	-1.6129343
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7125000000	2.408554368	-4.44E-16	-6.404297431	-6.929234932	-9.88570992	-7.70597184	0.4783933	0.4503376	0.3204162	0.4118143	-1.6134086
7125000000	2.408554368	0.052359878	-7.926522795	-6.293025202	-10.71005803	-6.101216097	0.4014892	0.4845613	0.2914051	0.4953808	-1.5515305
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7125000000	2.408554368	0.157079633	-12.70007353	-7.799435344	-12.011040783	-5.664342916	0.2317375	0.4074068	0.250859	0.5209342	-3.304045
7125000000	2.408554368	0.20943951	-12.57413202	-9.127005485	-10.50793407	-5.874498205	0.2351221	0.349663	0.2982658	0.5084814	-1.3750738
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7125000000	2.408554368	0.523598776	-9.246987857	-3.078495594	-3.002490492	-2.086166539	0.3448662	0.7015768	0.7077062	0.7807062	1.8275053
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7125000000	2.408554368	0.628318531	-10.49208036	-1.128446297	-3.673621341	-0.124471729	0.2988106	0.8781682	0.657388	0.8957719	2.7613584
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7125000000	2.408554368	1.099557429	-2.037776905	2.148779729	-0.331009751	1.702578561	0.790881	1.2806752	0.9626081	1.2165471	5.5486325
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7125000000	2.408554368	1.204277184	-2.075674983	1.578510787	-0.560032586	2.259376698	0.7874378	1.1992937	0.9375585	1.2970862	6.4884811
7125000000	2.408554368	1.256637061	-1.87558415	1.706842848	-0.60432519	2.594423192	0.8056049	1.2171445	0.9286001	1.3480971	6.6476512
7125000000	2.408554368	1.308996939	-1.566397355	1.970796808	0.209249644	3.372168434	0.8369126	1.2546998	1.0243833	1.4743766	7.2163584
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7125000000	2.408554368	1.518436449	-2.212309157	0.496884951	-1.180131973	1.564518849	0.7751478	1.0588739	0.8729581	1.1973633	5.8103597
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7125000000	2.408554368	1.623156204	-2.209033742	0.136248552	-0.625192489	1.87876424	0.7754402	1.0158099	0.9305514	1.2143757	5.940489
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7125000000	2.408554368										

7125000000	2.460914245	-2.14675498	-8.54190796	-5.22093679	-6.702661854	-6.052672017	0.3740284	0.5482178	0.4622393	0.4981572	-0.5252414
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7125000000	2.460914245	-1.623156204	-2.94873007	0.995037915	-4.17898202	-1.295728477	0.7121369	1.1213776	0.6180888	0.8614173	4.383883
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7125000000	2.460914245	-1.518436449	-1.682929315	2.358975077	-3.325429561	-2.680551475	0.8238602	1.3120451	0.6819123	0.7344672	4.9895557
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7125000000	2.460914245	-1.256637061	0.76614731	3.164823705	-1.028079896	-1.152354448	1.0922131	1.4395978	0.8883473	0.8757542	6.6405631
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7125000000	2.460914245	-1.047197551	0.999326598	1.176868613	-4.17460002	-0.601626974	1.1219315	1.1451	0.6184007	0.9330795	5.6172827
7125000000	2.460914245	-0.994837674	0.677749071	-0.492048015	-5.839438847	-2.029419489	1.0811537	0.9449256	0.510538	0.7916424	4.4237441
7125000000	2.460914245	-0.942477796	0.650315742	-1.690295874	-5.045293553	-2.893156933	1.0777444	0.8321618	0.5594166	0.7167078	4.0198281
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7125000000	2.513274123	0.157079633	-11.32432547	-8.973800565	-12.19479906	-5.94404154	0.2715087	0.3558852	0.2456179	0.5044265	-3.2391564
7125000000	2.513274123	0.209439381	-11.49531274	-10.86262214	-10.75767469	-6.342669111	0.2662161	0.2863313	0.2898119	0.4817997	-3.5817967
7125000000	2.513274123	0.261799388	-9.997856565	-9.790081212	-8.11372191	-4.354890204	0.3163058	0.3239634	0.3929288	0.6056971	-1.7295762
7125000000	2.513274123	0.314159265	-8.333222415	-6.868903911	-6.390665694	-3.085605472	0.3831236	0.4534765	0.4791447	0.7010028	0.072431
7125000000	2.513274123	0.366519143	-7.254217449	-4.600574031	-5.884292362	-2.766494159	0.4337996	0.5688047	0.5079084	0.7272359	1.0529116
7125000000	2.513274123	0.41887902	-6.765245156	-3.206879333	-7.237268897	-2.670991363	0.4589208	0.6912832	0.5384391	0.7352761	1.6697628
7125000000	2.513274123	0.471238898	-6.504146684	-2.304844714	-4.063769533	-2.69541494	0.4729254	0.7662396	0.626342	0.7332115	2.6296041
7125000000	2.513274123	0.523598776	-5.985927624	-1.602056565	-2.891858833	-2.420893955	0.5019999	0.8315669	0.716815	0.756755	2.9446713
7125000000	2.513274123	0.575958653	-5.189932973	-1.034759144	-2.704400321	-1.332573792	0.5501782	0.8876915	0.7324534	0.8577709	3.6027869
7125000000	2.513274123	0.628318531	-4.571234542	-0.562280663	-3.437068633	-0.373407337	0.590797	0.9373159	0.6732038	0.9579209	3.9710457
7125000000	2.513274123	0.680678408	-4.372541759	-0.039623592	-4.142993322	-0.41431831	0.6044674	0.9954486	0.6206551	0.9534396	4.0115131
7125000000	2.513274123	0.733038286	-4.419748632	0.572467709	-3.517155161	-0.979591438	0.6011911	1.0681282	0.6670252	0.8933475	4.1626224
7125000000	2.513274123	0.785398163	-4.420244096	1.047086706	-1.794036281	-0.244200951	0.6011568	1.1281175	0.8133888	0.9727269	4.8975754
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7125000000	2.513274123										

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7125000000	2.565634	-2.932153143	-9.223556327	-11.29326639	-9.091077934	-8.253680409	0.3457978	0.2724813	0.3511123	0.3866482	-3.3751525
7125000000	2.565634	-7.9793266	-8.451588759	-10.42306178	-11.02300617	-10.24438975	0.377938	0.3011944	0.281093	0.3074543	-3.9604096
7125000000	2.565634	-2.82743388	-7.514223606	-9.380124025	-15.62374169	-8.520910471	0.4210065	0.3396204	0.1655057	0.3749337	-3.7346111
7125000000	2.565634	-2.775073511	-6.587996698	-9.317140274	-20.25203689	-7.843793872	0.468382	0.3420921	0.09714	0.4053315	-3.655666
7125000000	2.565634	-2.722713633	-6.227717209	-9.584237441	-15.54496546	-9.00874249	0.4882184	0.3317326	0.1670226	0.3544564	-3.2808085
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7125000000	2.565634	-2.565634	-6.297413302	-9.567753744	-9.131077587	-6.038898577	0.4843166	0.3323627	0.3494991	0.4989478	-1.5916568
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7125000000	2.565634	-2.35619449	-4.80226969	-6.821893903	-5.616250435	-7.206336384	0.5752896	0.4559375	0.5238265	0.4361975	-0.0380793
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7125000000	2.565634	-2.199114858	-6.09443809	-6.747715332	-8.078323951	-6.25048285	0.4957675	0.4598479	0.3945334	0.4869405	-0.7379943
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7125000000	2.565634	-2.042035225	-4.735508811	-5.32589544	-8.202793502	-3.224311044	0.5797284	0.5416331	0.38892	0.6898973	0.8285598
7125000000	2.565634	-1.989675347	-3.229338228	-5.231879646	-6.193257294	-2.019839796	0.6894981	0.5475276	0.4901594	0.7925159	2.0063806
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7125000000	2.565634	0.4948782565	-1.032082074	-3.110398194	-2.428417933	-6.565667	0.565667	0.8879651	0.6990047	0.7560998	3.325448
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7125000000	2.617993878	-2.827433388	-6.731539111	-9.17766948	-14.85539569	-8.247499217	0.4607051	0.3476295	0.1808132	0.3869234	-3.247781
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7125000000	2.617993878	-2.513274123	-5.511086536	-10.26186198	-7.767225235	-5.390709342	0.5302073	0.3683664	0.4089204	0.5376065	-0.994794
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7125000000	2.670353756	-1.413716694	2.262932237	-0.318514334	0.439692594	0.2544012	1.2976173	0.9639939	1.0519246	1.0297222	6.7357126
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7125000000	2.670353756	-1.308996939	1.893280157	0.644784367	-2.011892611	0.330724316	1.2435522	0.1070583	0.7932414	1.0388102	6.345932
7125000000	2.670353756	-1.256637061	1.422325528	1.025675943	-2.86316434	-0.133814242	1.1779213	1.1253401	0.7197542	0.9847121	6.0373662
7125000000	2.670353756	-1.204277184	1.534358672	1.647558496	-1.637427011	0.060796855	1.1932129	1.2088653	0.8227756	1.0070241	5.0510624
7125000000	2.670353756	-1.151917306	2.006977658	2.211074953	-0.750752296	0.552970037	1.2599372	1.2898932	0.9171965	1.0657332	7.1066547
7125000000	2.670353756	-1.099557429	2.167369126	2.314199585	-1.475210399	0.349117657	1.283419	1.3052989	0.8437999	1.1041704	6.9924074
7125000000	2.670353756	-1.047197551	1.711538107	1.89682239	-3.25604281	-0.784352687	1.2178026	1.2440594	0.6875745	0.9136553	6.1565328
7125000000	2.670353756	-0.994837674	0.926025283	1.366541409	-3.720210113	-1.906761301	1.1125032	1.1703805	0.6404555	0.8029909	5.4048161
7125000000	2.670353756	-0.942477796	0.319521137	1.182819025	-2.641890414	-2.082364167	1.0374712	1.1458848	0.7377436	0.7868316	5.3620335
7125000000	2.670353756	-0.890117919	0.003957482	1.104246364	-1.550959522	-1.903818285	1.0004557	1.1355658	0.8364732	0.801373	5.5192754
7125000000	2.670353756	-0.837758041	-0.343964274	0.532159822	-1.836820669	-2.080465709	0.9611735	1.0631829	0.8093921	0.7870003	5.155376
7125000000	2.670353756	-0.785398163	-0.895070624	-0.615298397	-1.881742602	-2.824421819	0.9020829	0.931612	0.7013146	0.7224019	4.2368525
7125000000	2.670353756	-0.733038286	-1.429277188	-1.380806031	-3.968664865	-3.862191974	0.848274	0.853021	0.6332377	0.6410478	3.4508339
7125000000	2.670353756	-0.680678408	-1.648798522	-0.919311426	-3.867173787	-4.219094962	0.8271039	0.8959689	0.6406802	0.615241	3.4712829
7125000000	2.670353756	-0.628318531	-1.563224012	-0.254333189	-3.720053184	-4.205592871	0.8352929	0.9711433	0.6516244	0.6161981	3.7342084
7125000000	2.670353756	-0.575958653	-1.515975147	-0.195261983	-4.235999836	-5.394567071	0.8398491	0.9777704	0.6030732	0.5373676	3.3995411
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7125000000	2.670353756	-0.41887902	-3.557649037	-0.621993779	-7.533101342	-7.060781518	0.6639227	0.9308942	0.4200925	0.4435687	1.7927212
7125000000	2.670353756	-0.366519143	-4.322875447	-0.771753468	-8.028654439	-7.776440807	0.6079337	0.9148815	0.396796	0.4084667	1.3197982
7125000000	2.670353756	-									

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7125000000	2.670353756	2.513274123	-11.48814699	-5.797656208	-9.164575635	-11.28757706	0.2664358	0.5122998	0.3481539	0.2726598	-3.0964925
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7125000000	2.670353756	2.879793266	-12.77588454	-8.273723067	-9.901371907	-15.71273569	0.2297237	0.385757	0.319839	0.1638186	-5.1995531
7125000000	2.670353756	2.932153143	-11.21551163	-8.51100887	-9.372757521	-12.88036959	0.2749314	0.3753614	0.3399086	0.269768	-4.3135166
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7125000000	2.722713633	-2.827433388	-6.624850016	-9.492047201	-14.07932234	-7.932187926	0.4663989	0.3352723	0.1977124	0.4012274	-3.0942495
7125000000	2.722713633	-2.775073511	-7.266104178	-8.785795598	-15.78728577	-7.690812209	0.4332063	0.3637273	0.1624186	0.4125337	-3.2745885
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7125000000	2.722713633	-2.670353756	-7.651300892	-7.451643655	-13.05673284	-8.440234144	0.4144145	0.4245057	0.2224145	0.3784324	-2.8575
7125000000	2.722713633	-2.617993878	-6.645642488	-6.617129181	-10.6511923	-6.480237194	0.4652837	0.4668136	0.2933687	0.474229	-4.130875
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7125000000	2.722713633	-2.513274123	-4.348686639	-6.936535579	-7.118551436	-6.601879476	0.6061298	0.4499593	0.4406283	0.4676339	-0.1562162
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7125000000	2.722713633	-2.35619449	-4.879536392	-8.023898929	-8.766535825	-6.560248149	0.5701947	0.3970133	0.3644796	0.4698087	-0.9075854
7125000000	2.722713633	-2.303834613	-5.228738619	-7.42843346	-15.16296256	-6.392685643	0.5477256	0.4251854	0.1745227	0.4790333	-3.7356947
7125000000	2.722713633	-2.251474735	-4.434158312	-6.664196258	-14.26078317	-6.183279361	0.6001946	0.4642909	0.1936247	0.4907226	-1.165634
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7125000000	2.722713633	-1.570796327	-0.168014566	-3.025707177	-1.976177216	-1.851267576	0.9808425	0.7058536	0.7965098	0.808047	4.3266253
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7125000000	2.722713633	-1.413716694	2.326434258	0.616407559	0.12114963	0.698319529	1.3071388	1.0735453	1.0129914	1.0837172	6.9990397
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7125000000	2.722713633	-1.30896939	1.789513129	1.396758523	-1.827830384	0.516142342	1.2287843	1.1744592	0.8102303	1.0612241	6.5975087
7125000000	2.722713633	-1.256637061	1.34985507	1.724023525	-0.177188664	-0.214798328	1.1681342	1.2195544	0.7764984	0.9755737	6.3189049
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7125000000	2.722713633	1.72787596	-1.102345471	-1.319282707	-3.624138154	1.089040055	0.880811	0.8590845	0.6588599	1.1335796	4.9406376
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7125000000	2.827433388	-2.727213633	-7.315656327	-11.12214958	-15.66587198	-8.753105695	0.430742	0.2779025	0.1650655	0.3650436	-4.1609012
7125000000	2.827433388	-2.670353756	-6.625413212	-9.289164388	-13.59441969	-7.336159403	0.4663686	0.3431957	0.2090639	0.4297264	-2.803102
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7125000000	2.827433388	-2.565634	-5.729092964	-8.417352506	-9.539141163	-5.975690356	0.5170653	0.3794306	0.3334594	0.5025919	-1.6269897
7125000000	2.827433388	-2.513274123	-4.838771169	-9.447151191	-8.252635515	-7.881795513	0.5728771	0.3770097	0.3866947	0.403562	-1.4108885
7125000000	2.827433388	-2.460914245	-4.638629099	-9.885283695	-7.373966186	-7.594460858	0.5862307	0.320432	0.42786	0.4711353	-1.1516138
7125000000	2.827433388	-2.40554368	-5.277446294	-9.638945529	-8.959661026	-5.888616129	0.5446628	0.3296497	0.356465	0.5075526	-1.21744
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7125000000	2.827433388	-2.199114858	-5.76917912	-11.13111245	-7.779548877	-4.264394427	0.5146844	0.2776159	0.4083406	0.6120407	-0.8541692
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7125000000	2.827433388	-2.094395102	-5.790550531	-13.15899797	-6.404072579	-4.948382316	0.5134196	0.2198113	0.4784057	0.565391	-1.0252394
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7125000000	2.827433388	-1.93731547	-2.20780107	-7.210478109	-5.263278629	-3.298461258	0.7755503	0.4359896	0.5455519	0.6840186	1.7311484
7125000000	2.827433388	-1.884955592	-2.551127705	-5.611228548	-5.031900435	-4.00003879	0.7454931	0.5241295	0.5420508	0.6309545	1.7365462
7125000000	2.827433388	-1.832595715	-3.216428028	-5.018784223	-4.959047067	-4.962565186	0.6905237	0.5611265	0.564999	0.5647702	1.5161176
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7125000000	2.827433388	2.460914245	-6.001544915	-6.508603647	-7.616419452	-5.722594974	0.5010981	0.4726829	0.4160821	0.5154522	-0.4121502
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7125000000	2.827433388	2.879793266	-11.00929592	-8.820214841	-12.51048928	-18.52441333	0.2815368	0.362234	0.2368512	0.1185166	-0.6028045
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7125000000	3.036872899	-0.41887902	-4.3401794	-0.781248984	-6.004337628	-5.344122996	0.6067238	0.9139818	0.500937	0.5404977	2.1514583
7125000000	3.036872899	-0.366519143	-4.351611066	-0.030293462	-6.02147157	-6.107822406	0.6059258	0.9965184	0.4999948	0.4950042	2.2701709
7125000000	3.036872899	-0.314159265	-4.459437073	-0.344921193	-6.206070058	-6.796811313	0.5984504	0.9610676	0.4894367	0.457256	1.9597516
7125000000	3.036872899	-0.261799388	-4.775347274	-1.65343959	-6.969425727	-7.090241813	0.5770755	0.8266621	0.4482587	0.4420668	1.1915072
7125000000	3.036872899	-0.20943951	-5.231613412	-3.34167227	-8.634682093	-7.357313501	0.5475444	0.6806383	0.3700547	0.4286811	0.611256
7125000000	3.036872899	-0.157079633	-5.671255243	-4.604056742	-10.26596593	-7.741251373	0.5205198	0.5885687	0.3066915	0.410145	-0.7909414
7125000000	3.036872899	-0.104719755	-5.969069761	-5.297224064	-10.20572402	-8.018592389	0.5029751	0.543424	0.308826	0.3972559	-1.1475336
7125000000	3.036872899	-0.052359878	-6.205739126	-5.89240728	-9.506481061	-8.168761212	0.4894553	0.5074341	0.3347156	0.3904469	-1.2996754
7125000000	3.036872899	-4.44E-16	-6.404297459	-6.92923506	-9.885709969	-7.705971856	0.4783933	0.4503376	0.3204162	0.4118143	-1.6134086
7125000000	3.036872899	0.052359878	-6.271927004	-8.831371355	-10.8578047	-6.376018701	0.4857398	0.3617691	0.2864902	0.4799534	-1.8627854
7125000000	3.036872899	0.104719755	-5.712845977	-11.33266365	-11.65008337	-5.451096846	0.5180333	0.2714282	0.2615145	0.5338891	-2.02178
7125000000	3.036872899	0.157079633	-5.13968888	-12.34408158	-12.92699596	-5.859192253	0.5533699	0.2214366	0.2257617	0.5093782	-3.270981
7125000000	3.036872899	0.20943951	-4.916136132	-10.93243558	-13.27047744	-7.706607767	0.5677971	0.2840392	0.2170082	0.4117841	-2.6116771
7125000000	3.036872899	0.261799388	-5.158911484	-9.111494438	-11.21867304	-9.195629839	0.5521466	0.350288	0.2748314	0.3469133	-2.359898
7125000000	3.036872899	0.314159265	-6.034720316	-7.848092156	-8.92063066	-6.753829109	0.4991878	0.4501309	0.3580704	0.4959244	-1.300376
7125000000	3.036872899	0.366519143	-7.516706646	-7.228163274	-7.568406731	-3.967973776	0.4208862	0.4351028	0.4183884	0.6332881	-0.4105557
7125000000	3.036872899	-7.869413903	-6.825098131	-6.523569237	-2.918663663	-2.918663663	0.4041376	0.4557693	0.4713804	0.7146063	0.1970612
7125000000	3.036872899	0.471238898	-5.466526131	-6.159892705	-4.993589191	-3.137442282	0.5329343	0.4920456	0.5627565	0.6968317	1.1554824
7125000000	3.036872899	-2.808108177	-5.383087749	-3.067732697	-2.88057241	-2.88057241	0.72376	0.5380785	0.7024434	0.717747	2.5486691
7125000000	3.036872899	0.575958653	-1.284718599	-4.972539577	-1.545959564	-1.333770672	0.8625099	0.564122	0.8366045	0.8576527	3.8649668
7125000000	3.036872899	0.628318531	-1.048832012	-5.053719497	-1.064604567	-0.026881407	0.8862544	0.5588742	0.8846465	0.9969099	4.4196337
7125000000	3.036872899	0.680678408	-1.948375945	-5.201669537	-1.474332669	0.189149896	0.7990633	0.5494353	0.8438852	1.0220155	4.1213966
7125000000	3.036872899	0.733038286	-3.011734092	-4.855203838	-1.804319781	-0.469207668	0.70699	0.5717943	0.8125105	0.9474136	3.6313386
7125000000	3.036872899	0.785398163	-2.271449252	-4.170669992	-1.200995014	-0.686879298	0.769888	0.6186806	0.8708638	0.9239661	4.0372202
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7125000000	3.036872899	0.890117919	0.514037188	-3.073288726	-0.474167348	1.338329586	1.060967	0.7019975	0.9468728	1.1665852	5.7480222
7125000000	3.036872899	0.942477796	0.60251256	-2.391467083	-1.506896845	1.279846173	1.0718293	0.7593232	0.8407273	1.1587658	5.6448192
7125000000	3.036872899	0.994836764	0.400427764	-1.685274234	-0.868037599	0.868037599	1.0471801	0.8236378	0.7991043	1.1051008	5.5177921
7125000000	3.036872899	0.470197555	0.506983575	-1.364712687	-0.896090649	1.384168173	1.0601057	0.8546029	0.901977	1.1727505	5.9976468
7125000000	3.036872899	1.099557429	0.530520093	-1.620843851	-2.314940947	2.3149414785	1.0629822	0.8297701	1.0393146	1.3054064	6.5215399
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7125000000	3.036872899	1.308996399	0.568299971	-1.913697451	-0.69704447	2.496761762	1.0676158	0.80226	1.0835582	1.3330244	6.6213767
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7125000000	3.036872899	1.413716694	0.645186769	-2.41449528	0.730702411	2.322007599	1.0771082	0.7573127	1.0877651	1.3064728	6.503453
7125000000	3.036872899	1.466076572	-0.306622105	-3.44005456	-0.727747775	1.183714445	0.9653146	0.6729724	0.9196289	1.1460029	5.5362694
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7125000000	3.036872899	1.570796327	-1.868465273	-3.784565594	-2.709461122	-0.941673086	0.8064487	0.6468025	0.7320267	0.8972559	3.7575573
7125000000	3.036872899	1.623156204	-2.332897714	-2.931095406	-2.290569968	-1.576557646	0.7644606	0.7135842	0.768195	0.8340117	3.7511237
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7125000000	3.036872899	2.14675498	-7.831216151	-5.443404555	-6.35286451	-6.757033911	0.4059188	0.5343549	0.4812345	0.4953548	-0.5345663
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7125000000	3.036872899	2.513274123	-9.1806186	-6.003552192	-7.742097766	-7.30108313	0.3475114	0.5009823	0.410105	0.4451379	-1.3925505
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7125000000	3.089232776	-1.256637061	1.477342423	-2.412765893	-0.726803191	0.858707872	1.185406	0.7574635	0.9197289	1.1039144	5.9475773
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7125000000	3.089232776	-1.09557429	1.783420913	0.162360729	1.188690036	2.685250833	1.2279227	1.0188683	1.1466596	1.3622687	7.523723
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7125000000	3.089232776	-0.733038286	-1.98168818	-2.091235593	-3.744025783	-1.971245739	0.7960046	0.7860284	0.6498284	0.7969622	3.6048797
7125000000	3.089232776	-0.680678408	-3.474103372	-1.344192805	-3.986302252	-3.114570086	0.6703395	0.8566242	0.6319532	0.6986629	3.0993862
7125000000	3.089232776	-0.628318531	-4.00226786	-0.588970413	-3.826936242	-3.947324582	0.6307926	0.9344401	0.6436551	0.6347954	3.0570244
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7125000000	3.089232776	-0.366519143	-4.398700566	-0.462099418	-6.032065985	-5.819319981	0.6026497	0.9481893	0.4993404	0.5117219	2.15130479
7125000000	3.089232776	-0.314159265	-4.547520888	-0.647631123	-6.329354363	-6.320642235	0.5924121	0.9281506	0.4825388	0.4830231	1.8898581
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7125000000	3.089232776	-0.20943951	-5.538730943	-3.212178244	-8.932036905	-7.018299421	0.5285225	0.6908617	0.3576005	0.4457435	0.0981505
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7125000000	3.089232776	-0.104719755	-6.07331303	-5.142596714	-10.31780398	-7.901284489	0.4969748	0.5531847	0.3048666	0.4026575	-1.1217862
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7125000000	3.089232776	0.314159265	-5.970913704	-7.910255867	-8.619843967	-7.046764102	0.5028684	0.4022618	0.3706874	0.4442851	-1.3091383
7125000000	3.089232776	0.366519143	-6.926213018	-7.379617274	-7.018050804	-4.03301113	0.4504944	0.4275817	0.4457563	0.6285429	-0.2093339
7125000000	3.089232776	0.41887902	-6.539184826	-7.323133377	-5.890567774	-2.995908845	0.4710215	0.4307313	0.5075416	0.7082793	0.4946941
7125000000	3.089232776	0.471238898	-4.652721082	-7.088495077	-4.476106807	-3.709539244	0.5852804	0.4421557	0.5973029	0.6524136	1.1272431
7125000000	3.089232776	0.523598776	-2.754240991	-6.478628465	-2.741048539	-3.839771606	0.7282625	0.4734169	0.7293695	0.6427046	2.1937757
7125000000	3.089232776	0.575958653	-1.531864983	-5.98858019	-1.333398366	-1.653888873	0.8383141	0.5018466	0.8576895	0.8266129	3.5923842
7125000000	3.089232776	0.628318531	-1.269642516	-5.894078401	-0.888499632	0.227855678	0.8640082	0.5073365	0.9027656	1.02658	3.514956
7125000000	3.089232776	0.680678408	-2.110876947	-5.707540834	-1.324735909	0.711901187	0.7842529	0.5183498	0.8585453	1.0854131	4.2078178
7125000000	3.089232776	0.733038286	-3.037894918	-4.838135732	-1.641538238	0.08906343	0.7048639	0.572919	0.8277956	1.0103066	3.8510284
7125000000	3.089232776	0.785398163	-1.768447703	-3.767203736	-0.972127176	-0.450531243	0.8157886	0.6480967	0.8941155	0.9494529	4.3692756
7125000000	3.089232776	0.837758041	0.248405302	-3.122447234	-0.049875353	0.193746055	1.0290116	0.6980357	0.9942743	1.0225565	5.4458341
7125000000	3.089232776	0.890117919	1.177384228	-2.88177833	-0.117188128	0.939824068	1.145168	0.7176473	0.9865988	1.114272	5.5943853
7125000000	3.089232776	0.942477796	1.002346448	-2.726479014	-1.319312379	0.687347724	1.1223216	0.7305939	0.8590815	1.0823492	5.5621392
7125000000	3.089232776	0.994837674	0.459522752	-2.534900788	-2.266242245	-0.100524633	1.054329	0.7468871	0.7703496	0.984934	5.0085442
7125000000	3.089232776	1.047197551	0.262833618	-2.542237792	-0.445642218	0.323986727	1.0307223	0.7462655	0.8460926	1.0380047	5.2517573
7125000000	3.089232776	1.099557429	0.164909804	-2.970310288	-0.009935437	1.639475086	1.0191673	0.7103698	1.0001077	1.2077408	5.8835592
7125000000	3.089232776	1.151917306	-0.203185457	-3.63939233	0.611675353	2.239378942	0.9768789	0.6577038	1.0729606	1.2941033	6.0241748
7125000000	3.089232776	1.204277184	-0.353053668	-4.015481807	0.317110966	1.925541166	0.9601682	0.6298337	1.0371834	1.281795	5.746562
7125000000	3.089232776	1.256637061	0.244782109	-3.715357738	-0.034030879	1.455783611	1.0285824	0.6519768	0.9960897	1.1824674	5.7091575
7125000000	3.089232776	1.308996939	1.097233763	-2.978741152	0.299704901	1.485697175	1.1346494	0.7096806	1.035107	1.1865468	6.1627129
7125000000	3.089232776	1.361356817	1.512316898	-2.454084412	0.869111736	1.545285629	1.1901888	0.7338688	1.1052374	1.1947149	6.5349279
7125000000	3.089232776	1.413716694	1.21002557	-2.63765781	0.631494575	0.88982115	1.1494796	0.7381032	1.0754116	1.1078758	6.1731543
7125000000	3.089232776	1.466076572	0.243964396	-3.590333863	-0.745571547	-0.623016561	1.0284856	0.661452	0.9177437	0.9307846	4.9570405
7125000000	3.089232776	1.518436449	-1.035308475	-4.706271906	-2.356542242	-2.306290388	0.8876353	0.581683	0.7623824	0.766806	3.5175008
7125000000	3.089232776	1.570796327	-2.094271711	-4.763589495	-2.604075311	-3.078506002	0.7857537	0.5778572	0.7409625	0.701576	2.9416157
7125000000	3.089232776	1.623156204	-2.675027061	-3.844147475	-1.939863179	-3.150061563	0.7349345	0.6423789	0.7998469	0.69582	3.146053
7125000000	3.089232776	1.675516082	-2.982986479	-3.41056269	-1.928015385	-3.411118772	0.7093338	0.6752613	0.8009386	0.6752181	3.1090038
7125000000	3.089232776	1.72787596	-3.090344481	-4.111157556	-2.520856687	-3.924815058	0.7006204	0.6229341	0.7480957	0.6364462	2.6326711
7125000000	3.089232776	1.780235837	-2.755203244	-5.172901887	-2.547810792	-3.955286889	0.7281818	0.551258	0.7457778	0.6421236	2.4751755
7125000000	3.089232776	1.832595715	-2.161193804	-4.735481702	-1.940132702	-3.250109404	0.7797229	0.5797302	0.7998822	0.6878512	3.0675351
7125000000	3.089232776	1.884955592	-1.777324543	-3.405279295	-1.607283835	-2.649007528	0.8149553	0.6756722	0.8310666	0.7371394	3.6905166
7125000000	3.089232776	1.93731547	-1.725171837	-2.945195918	-2.128043453	-2.833502229	0.8198632	0.7124267	0.7827045	0.7216471	3.6272708
7125000000	3.089232776	1.989675347	-1.928517637	-3.711530406	-3.67633737	-3.941046127	0.8008923	0.6522641	0.6549123	0.6352544	2.7449393
7125000000	3.089232776	2.042035225	-2.516229096	-4.892074886	-6.161408907	-5.616603643	0.7484944	0.5693722	0.4919597	0.5238052	1.3400457
7125000000	3.089232776	2.094395102	-3.900203148	-5.407175446	-7.596859641	-7.074485677	0.6382486	0.5365883	0.4170201	0.4428694	0.1495208
7125000000	3.089232776	2.14675498	-6.543547582	-5.974891857	-6.269103481	-8.118189288	0.470785	0.5026381	0.4858977	0.3927268	-0.6675571
7125000000	3.089232776	2.199114858	-10.25854931	-7.597119547	-3.13178892	-7.96365577	0.3069535	0.4170077	0.5423886	0.3237291	-1.992227
7125000000	3.089232776										