

<u>FREQUENCY</u>	<u>MAX. CORRELATED GAINS [dBi]</u>
2402 MHz	8.3
2443 MHz	8.1
2484 MHz	8.0
5170 MHz	9.0
5503 MHz	8.4
5835 MHz	7.2

Frequency	Phi	Theta	X5 Gain Data	X6 Gain Data	X8 Gain Data	X9 Gain Data	Calculation Breakout
2402000000	0	-3.141592654	-20.78073494	-20.83728074	-16.50798677	-18.48822255	0.0914036 0.0908105 0.149486 0.1190115 -12.94263
2402000000	0	-3.089232776	-18.6839751	-16.58079142	-14.44999333	-25.12496608	0.1163593 0.1482383 0.1894525 0.0554309 -11.87804
2402000000	0	-3.036872899	-16.20482363	-14.15928783	-12.29476261	-23.14962873	0.1547957 0.1959005 0.2428074 0.0695855 -9.589163
2402000000	0	-2.984513021	-14.47570939	-12.92410886	-10.66206619	-17.50642996	0.1888924 0.2258367 0.2930196 0.1332535 -7.524657
2402000000	0	-2.932153143	-13.56214593	-12.33996961	-9.565772317	-13.93029721	0.2098421 0.2415469 0.3324386 0.2011338 -6.152215
2402000000	0	-2.879793266	-13.37591706	-11.93661409	-8.905757507	-11.52441762	0.2143898 0.2530284 0.3586841 0.2653256 -5.260699
2402000000	0	-2.827433388	-13.80664364	-11.29798555	-8.560174425	-8.8904703	0.2040177 0.2723333 0.3732427 0.3202407 -4.658113
2402000000	0	-2.775073511	-14.63939639	-10.28654874	-8.390199105	-8.852824471	0.185366 0.3059656 0.3806186 0.3688766 -4.202558
2402000000	0	-2.722713633	-15.37202547	-9.096965598	-8.246884305	-8.296409217	0.1703722 0.3508744 0.3869508 0.3847508 -3.788977
2402000000	0	-2.670353756	-15.29981991	-7.98844384	-8.008161988	-8.103101216	0.1717944 0.3986372 0.3977333 0.3934096 -3.339772
2402000000	0	-2.617993878	-14.34147855	-7.103603566	-7.63066627	-8.127438905	0.1918342 0.4413873 0.4154002 0.3923088 -2.847739
2402000000	0	-2.565634	-13.14201183	-6.471080928	-7.161437472	-8.210897441	0.2202416 0.4747292 0.4384581 0.3885573 -2.372385
2402000000	0	-2.513274123	-12.20978687	-6.05116466	-6.691533224	-8.241846926	0.2451945 0.4982436 0.462832 0.3871753 -1.973856
2402000000	0	-2.460914245	-11.72322482	-5.768705873	-6.300371063	-8.214600593	0.2593216 0.5147125 0.4841517 0.3883917 -1.688956
2402000000	0	-2.408554368	-11.69006888	-5.538576025	-6.029379535	-8.212501403	0.2603134 0.5285319 0.4994949 0.3884856 -1.530841
2402000000	0	-2.35619449	-12.01364332	-5.291838244	-5.88036356	-8.328940839	0.2507944 0.543761 0.5081382 0.383125 -1.483417
2402000000	0	-2.303834613	-12.45182544	-4.995994013	-5.823195856	-8.599359469	0.2384563 0.5626007 0.5114936 0.3715626 -1.493174
2402000000	0	-2.251474735	-12.57552462	-4.655741688	-5.806791852	-8.965818159	0.2350844 0.5850769 0.5124605 0.3562124 -1.468681
2402000000	0	-2.199114858	-12.00132377	-4.294238587	-5.774157456	-9.268003269	0.2511504 0.6099413 0.5143895 0.3440328 -1.312485
2402000000	0	-2.14675498	-10.81234194	-3.930838685	-5.680618908	-9.2799936	0.2879936 0.6360014 0.5199589 0.3248077 -0.979267
2402000000	0	-2.094395102	-9.41422055	-3.569190462	-5.507670136	-8.957694001	0.3382898 0.6630041 0.5304158 0.3565458 -0.499214
2402000000	0	-2.042035225	-8.111217955	-3.19778304	-5.26344923	-8.352570749	0.3930421 0.6920076 0.5455477 0.3822711 0.0557083
2402000000	0	-1.989675347	-7.021502775	-2.798279176	-4.969400755	-7.705855646	0.4455792 0.7245595 0.5643259 0.4118198 0.6132261
2402000000	0	-1.93731547	-6.157627851	-2.35585428	-4.645517114	-7.207993974	0.4921739 0.7624428 0.585766 0.4361143 1.1247418
2402000000	0	-1.884955592	-5.487355573	-1.866635328	-4.299393108	-6.971041406	0.5316578 0.8066186 0.6095412 0.4441753 1.5691107
2402000000	0	-1.832595715	-4.961448452	-1.339434765	-3.928923137	-7.043858749	0.5648428 0.8570936 0.6361417 0.4484338 1.9469229
2402000000	0	-1.780235837	-4.526920145	-0.792276795	-3.522396741	-7.427916818	0.5938201 0.9128221 0.6666228 0.4252107 2.2737733
2402000000	0	-1.72787596	-4.136278796	-0.246651345	-3.071816437	-8.069499881	0.6211351 0.9720026 0.7021165 0.3949344 2.5750548
2402000000	0	-1.675516082	-3.755876246	-0.727494416	-2.576425877	-8.819274264	0.6489425 1.0324635 0.7433249 0.3622733 2.8821525
2402000000	0	-1.623156204	-3.370858355	0.764630175	-2.045417344	-9.381301006	0.6783551 1.0920223 0.7901856 0.3395744 3.2277717
2402000000	0	-1.570796327	-2.984773026	1.204465233	-1.495829378	-9.38742458	0.709188 1.148744 0.8417992 0.3393351 3.6342036
2402000000	0	-1.518436449	-2.613627399	1.591450722	-0.948116177	-8.708241075	0.7401481 1.2010817 0.8965906 0.366934 4.0952951
2402000000	0	-1.466076572	-2.277696109	1.923655898	-0.421788615	-7.590771127	0.7693345 1.2479086 0.9526 0.4173125 4.5761032
2402000000	0	-1.413716694	-1.994559898	2.20150375	0.067434855	-6.370213107	0.7948259 1.2884726 1.0077939 0.4802743 5.0360891
2402000000	0	-1.361356817	-1.775086476	2.426616927	0.508724023	-5.254118739	0.8151653 1.3223026 1.0603182 0.5461275 5.4459163
2402000000	0	-1.308996939	-1.622298597	2.6008536	0.895897887	-4.331401849	0.8296312 1.3490955 1.1086511 0.6073372 5.7889137
2402000000	0	-1.256637061	-1.53240094	2.725579588	1.226390225	-3.629703004	0.8382623 1.3686077 1.1516473 0.6584379 6.0573401
2402000000	0	-1.204277184	-1.497216067	2.801178885	1.499862272	-3.148411043	0.8416649 1.3805716 1.1884834 0.6959523 6.2492007
2402000000	0	-1.151917306	-1.507280928	2.826883139	1.716807598	-2.87005116	0.8406901 1.3846632 1.2185417 0.7186169 6.3665099
2402000000	0	-1.099557429	-1.554691464	2.800981812	1.877417877	-2.76093785	0.8361139 1.3805403 1.2412832 0.7277012 6.4164347
2402000000	0	-1.047197551	-1.634756886	2.7721483938	1.980910991	-2.768528442	0.8284421 1.3679625 1.2561617 0.7270656 6.4021607
2402000000	0	-0.994837674	-1.74589757	2.587232024	2.025402014	-2.82256603	0.8179093 1.3469814 1.2626125 0.7225563 6.3404866
2402000000	0	-0.942477796	-1.887962644	2.399410086	2.008261948	-2.848316771	0.8046405 1.3181672 1.2601235 0.7204173 6.2421681
2402000000	0	-0.890117919	-2.059731787	2.163371289	1.926802968	-2.794233367	0.7888845 1.2828824 1.2483609 0.7249171 6.1177509
2402000000	0	-0.837758041	-2.256434104	1.890611196	1.779084052	-2.658581163	0.77122 1.2431702 1.2273098 0.7363274 5.9727555
2402000000	0	-0.785398163	-2.467823031	1.600467674	1.564692044	-2.490331183	0.7526774 1.202392 1.1973872 0.7507294 5.8076451
2402000000	0	-0.733038286	-2.677146892	1.320562158	1.285431862	-2.361401297	0.7347552 1.1642014 1.1595022 0.7619561 5.6216106
2402000000	0	-0.680678408	-2.861672868	1.084379468	0.9459778	-2.332245934	0.7193104 1.1329715 1.1150617 0.764518 5.4179106
2402000000	0	-0.628318531	-2.995918434	0.924487448	0.554605697	-2.427171409	0.7082785 1.1123062 1.0659339 0.7562083 5.2079325
2402000000	0	-0.575958653	-3.05836303	0.862154507	0.124171992	-2.618702041	0.7032048 1.1043525 1.0143985 0.7397158 5.0124777
2402000000	0	-0.523598776	-3.040096803	0.808017061	-0.326592674	-2.819855365	0.7046852 1.0899216 0.9630977 0.7227818 4.8594864
2402000000	0	-0.471238898	-2.95081455	1.009884404	-0.771692089	-2.900740963	0.711966 1.123296 0.914988 0.7160823 4.7768041
2402000000	0	-0.41887902	-2.817669764	1.159455136	-1.177247391	-2.752427438	0.7229637 1.1428066 0.8732481 0.7284146 4.7795617
2402000000	0	-0.366519143	-2.677118662	1.303403326	-1.503414578	-2.366329704	0.7347576 1.1619308 0.8410644 0.7615239 4.8588986
2402000000	0	-0.314159265	-2.564500925	1.402744437	-1.710875864	-1.839264213	0.7443462 1.1752688 0.8212137 0.8091644 4.9839505
2402000000	0	-0.261799388	-2.506135639	1.427715909	-1.771950534	-1.297291482	0.7493647 1.1786525 0.8154596 0.8612623 5.1168769
2402000000	0	-0.20943951	-2.515587923	1.358879265	-1.681789451	-0.82382134	0.7485496 1.1693485 0.8239683 0.9090356 5.2274038
2402000000	0	-0.157079633	-2.593303519	1.186329376	-1.462234591	-0.466417307	0.741882 1.146348 0.8450614 0.947718 5.2987386
2402000000	0	-0.104719755	-2.728262148	0.908490647	-1.155039926	-0.206347804	0.7304439 1.102596 0.8754836 0.9765233 5.3263051
2402000000	0	-0.052359878	-2.90083484	0.531243999	-0.809028342	-0.027700306	0.7160746 1.0630708 0.9110634 0.996816 5.3129211
2402000000	0	-4.444-16	-3.086593811	0.067566586	-0.468566146	0.084566146	0.700923 1.0078092 0.9474738 1.0097836 5.2632246
2402000000	0	0.052359878	-3.260935968	-0.462433999	-0.167777408	0.128873527	0.6869944 0.9481527 0.9808693 1.0149477 5.1798393
2402000000	0	0.104719755	-3.403954725	-1.031389309	-0.071998397	0.0889684	0.6757752 0.8880359 1.0083236 1.0102955 5.0629549
2402000000	0	0.157079633	-3.504358334	-1.604819857	0.240569072	-0.054370369	0.6680086 0.8313023 1.0280837 0.9937599 4.9131019
2402000000	0	0.20943951	-3.560975155	-2.142097289	0.337974305	-0.309183244	0.6636686 0.7814391 1.0396777 0.9650301 4.7353171
2402000000	0	0.261799388	-3.581100128	-2.599061149	0.373165982	-0.660989765	0.6621326 0.7413904 1.0438986 0.9267242 5.4526769
2402000000	0	0.314159265	-3.576302465	-2.933400804	0.362926282	-1.066380236	0.6624985 0.7133948 1.0426686 0.8846567 4.3576442
2402000000	0	0.366519143	-3.557398356	-3.113289813	0.330388288	-1.454239877	0.6639419 0.696772 1.03877 0.8458396 4.2099113
2402000000	0	0.41887902	-3.5304227	-3.126969505	0.302371604	-1.739824961	0.6660071 0.6876274 1.0354248 0.8184813 4.1300023
2402000000	0	0.471238898	-3.494791013	-2.987821293	0.304971946	-1.852702186	0.6687448 0.708939 1.0357349 0.8079135 4.1401105
2402000000	0	0.523598776	-3.444061751	-2.730412969	0.357875402	-1.764316599	0.672662 0.7032631 1.0420625 0.8161767 4.2468536
2402000000	0	0.575958653	-3.368963026	-2.399171925	0.469309738	-1.49327999	0.6785031 0.7586499 1.0555176 0.8420464 4.4405797
2402000000	0	0.628318531	-3.261610368	-2.036327999	0.63414105	-1.086242429	0.6869411 0.791013 1.0757393 0.8284067 4.7007162
2402000000	0	0.680678408	-3.119265205	-1.674445143	0.836250065	-0.597763933	0.6982915 0.8246655 1.1010638 0.9334946 5.0023355
2402000000	0	0.733038286	-2.946074178	-1.3346465	1.053882066	-0.05797993	0.7123547 0.8575662 1.1290004 0.9912907 5.3204266
2402000000	0	0.785398163	-2.752217195	-1.028783251	1.265302319	-0.435084408	0.7284322 0.8883024 1.1568182 1.0513667 5.6138461
2402000000	0	0.837758041	-2.551229666	-0.763331368	1.452714545	0.897551003	0.7454843 0.9185692 1.1820497 1.1088621 5.9163218
2402000000	0	0.890117919	-2.356929872	-0.543312171	1.603844533	1.281183452	0.7623484 0.939365 1.2027967 1.1589353 6.1572887</

2402000000	0	3.036872899	-17.7630082	-17.08098953	-14.76028089	-10.91703599	0.1293748	0.13999428	0.1828041	0.2845432	-8.675201
2402000000	0	3.089232776	-20.0590709	-22.57783725	-16.66366773	-13.97413048	0.0993222	0.0743204	0.1468306	0.2001214	-11.69061
2402000000	0	3.141592654	-20.78073494	-20.780728074	-16.50798677	-18.48822255	0.0914036	0.0908105	0.1494861	0.1190115	-12.94263
2402000000	0.052359878	-3.141592654	-20.78073517	-20.83728098	-16.50798663	-18.48822245	0.0914036	0.0908105	0.1494861	0.1190115	-12.94263
2402000000	0.052359878	-3.089232776	-18.91862202	-16.6632106	-14.41330405	-25.46250838	0.113258	0.1468383	0.1902544	0.0533181	-11.9777
2402000000	0.052359878	-3.036872899	-16.45267466	-14.23179929	-12.26323805	-23.26201044	0.150441	0.1942719	0.2436877	0.0686909	-9.668082
2402000000	0.052359878	-2.984513021	-14.68859055	-12.99758528	-10.62237947	-17.59244876	0.1843192	0.2239344	0.2943615	0.1319403	-7.591497
2402000000	0.052359878	-2.932153143	-13.76172184	-12.43907838	-9.492889215	-14.1233481	0.2050756	0.2388065	0.3352398	0.1967128	-6.233076
2402000000	0.052359878	-2.879793266	-13.62184859	-12.07871115	-8.770357819	-11.83624667	0.2084047	0.2489227	0.3643192	0.2559692	-5.371321
2402000000	0.052359878	-2.827433388	-14.21511485	-11.46513613	-8.332188313	-10.31991304	0.1964455	0.2671426	0.3831692	0.3047926	-4.808533
2402000000	0.052359878	-2.775073511	-15.40522094	-10.42962677	-8.048595822	-9.40569829	0.1697223	0.3009668	0.3958861	0.3386219	-4.399438
2402000000	0.052359878	-2.722713633	-16.62190173	-9.181663701	-7.79524493	-8.987858205	0.1475383	0.3474696	0.4076034	0.3553097	-4.027532
2402000000	0.052359878	-2.670353756	-16.57311413	-8.012987518	-7.483315237	-8.944912348	0.1483694	0.3975123	0.4225073	0.3570708	-3.573268
2402000000	0.052359878	-2.617993878	-14.94382226	-7.085811922	-7.08837122	-9.096939848	0.1789818	0.4422923	0.442162	0.3508755	-3.009698
2402000000	0.052359878	-2.565634	-12.97368046	-6.436908952	-6.646768122	-9.215888301	0.2245515	0.4766006	0.4652234	0.3461032	-2.426815
2402000000	0.052359878	-2.513274123	-11.39803232	-6.028878512	-6.220000296	-9.134355308	0.2692145	0.4995237	0.4886523	0.3493673	-1.901592
2402000000	0.052359878	-2.460914245	-10.35320851	-5.782703495	-5.858452328	-8.814750687	0.3036264	0.5138837	0.5094216	0.3601015	-1.478127
2402000000	0.052359878	-2.408554368	-9.800654262	-5.59993825	-5.584551391	-8.594740306	0.3235693	0.5248112	0.5257417	0.3717603	-1.1803
2402000000	0.052359878	-2.35619449	-9.660871866	-5.38943888	-5.14589435	-8.471633532	0.3288186	0.5376852	0.5374844	0.3770668	-1.007053
2402000000	0.052359878	-2.303834613	-9.823790652	-5.096838031	-5.257499062	-8.586402541	0.3227085	0.5561067	0.545915	0.3721173	-0.930375
2402000000	0.052359878	-2.251474735	-10.12321258	-4.717524195	-4.55894385	-8.928034809	0.3117736	0.58093	0.5529747	0.3577653	-0.898548
2402000000	0.052359878	-2.199114858	-10.32333665	-4.281598656	-5.029668832	-9.388809719	0.3046724	0.6108296	0.5604238	0.339281	-0.842078
2402000000	0.052359878	-2.14675498	-10.19082518	-3.825645482	-4.849554351	-9.768481825	0.3093561	0.6437507	0.5692097	0.32477	-0.690855
2402000000	0.052359878	-2.094395102	-9.653570432	-3.373137503	-4.741375638	-9.84931121	0.3290951	0.6781771	0.5793969	0.3217618	-0.407344
2402000000	0.052359878	-2.042035225	-8.846774201	-2.93067219	-4.579194488	-9.562501743	0.3611281	0.7136687	0.5902558	0.3252635	-0.010359
2402000000	0.052359878	-1.989675347	-7.969219247	-2.490265078	-4.415110684	-9.058847107	0.3995205	0.7507351	0.6015122	0.3524176	0.4410805
2402000000	0.052359878	-1.93731547	-7.156304461	-2.043527874	-4.246301225	-8.574554006	0.4387173	0.7903576	0.6133169	0.3726253	0.8886941
2402000000	0.052359878	-1.884955592	-6.4614023	-1.58234817	-4.057537313	-8.292771072	0.4752585	0.8334558	0.6267916	0.384912	1.2907241
2402000000	0.052359878	-1.832595715	-5.882457599	-1.105497722	-3.824805663	-8.314752724	0.5080157	0.8804914	0.643813	0.3839389	1.6422696
2402000000	0.052359878	-1.780235837	-5.388164092	-0.618366125	-3.523750074	-8.677596728	0.5377641	0.91283	0.6665189	0.3682308	1.9513821
2402000000	0.052359878	-1.72787596	-4.936811753	-0.131065699	-3.239534443	-8.356522348	0.5664472	0.9850238	0.6966639	0.3405445	2.2409652
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2402000000	0.104719755	-0.157079633	-3.157905176	1.274819573	-1.361485002	-0.51314561	0.695192	1.1580864	0.8549205	0.9426332	5.2272733
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2402000000	0.104719755	-0.052359878	-3.098021588	0.563722861	-0.778013818	-0.037275898	0.7000014	1.0670534	0.9143223	0.9957176	5.2894965
2402000000	0.104719755	-4.444-16	-3.086594061	0.067566637	-0.468655998	0.084566237	0.700923	1.0078092	0.9474738	1.0097836	5.2632246
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2402000000	0.104719755	0.104719755	-3.001331903	-							

2402000000	0.104719755	2.827433388	-12.36749788	-7.920957763	-9.783283306	-5.790576161	0.2407826	0.4017465	0.324217	0.5134181	-2.614402
2402000000	0.104719755	2.879793266	-13.11231634	-8.754769294	-10.61745299	-6.307985255	0.2209959	0.3649737	0.2945285	0.4837275	-3.322876
2402000000	0.104719755	2.932153143	-14.04496146	-10.28513908	-11.77422299	-7.254056786	0.1984961	0.3600152	0.2578035	0.4338076	-4.465087
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2402000000	0.104719755	3.141592654	-20.78073525	-20.83728063	-16.50798664	-18.48822242	0.0914036	0.0981005	0.1494861	0.1190115	-12.94623
2402000000	0.157079633	-3.141592654	-20.78073513	-20.83728102	-16.50798644	-18.48822254	0.0914036	0.0981005	0.1494861	0.1190115	-12.94263
2402000000	0.157079633	-3.089232776	-19.54810139	-21.74950419	-16.98760453	-13.84895903	0.1077351	0.143978	0.1916015	0.0510969	-12.13883
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2402000000	0.157079633	-2.932153143	-13.73438545	-12.42974116	-9.338666567	-13.97224828	0.205722	0.2390633	0.3412453	0.2001647	-6.141341
2402000000	0.157079633	-2.879793266	-13.38067832	-12.06033586	-8.47521853	-11.90985225	0.2124723	0.2494498	0.3770284	0.2538092	-5.23581
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2402000000	0.157079633	-2.775073511	-14.72225194	-10.44007451	-7.350565905	-9.885125803	0.1836062	0.3006051	0.4290142	0.3204378	-4.196667
2402000000	0.157079633	-2.722713633	-15.77129059	-9.164039264	-6.921236154	-9.667595625	0.162718	0.3481754	0.4507526	0.3285642	-3.807392
2402000000	0.157079633	-2.670353756	-15.59509104	-7.946478702	-6.510175042	-9.83393411	0.1660525	0.4005678	0.4725973	0.3223319	-3.339931
2402000000	0.157079633	-2.617993878	-13.7044606	-6.973421661	-6.104605669	-10.17594288	0.206432	0.4480525	0.4951875	0.3098866	-2.736169
2402000000	0.157079633	-2.565634	-11.3369265	-6.299639985	-5.712299186	-10.38758456	0.2711151	0.4841924	0.5180246	0.3024271	-2.070802
2402000000	0.157079633	-2.513274123	-9.29680849	-5.900280482	-5.350328572	-10.24000556	0.3428938	0.5069743	0.5401117	0.3076095	-1.423948
2402000000	0.157079633	-2.460914245	-7.737716563	-5.702603919	-5.027469361	-9.804897122	0.410312	0.518677	0.5605657	0.3234113	-0.852807
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2402000000	0.20943951	-1.780235837	-4.607754309	-0.547041046	-4.527393729	-8.893466232	0.5883182	0.9389619	0.5937865	0.339192	-1.8693393
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2402000000	0.261799388	-0.523598776	-4.150864634	1.312335592	0.974677297	-1.975885511	0.6200929	1.1630993	1.1187521	0.7965366	5.3398676
2402000000	0.261799388	-0.471238898	-4.624803049	1.452635103	0.374716729	-2.396703224	0.5871646	1.1820389	1.044085	0.7588656	5.3080034
2402000000	0.261799388	-0.41887902	-4.937765794	1.60608767	-0.1901918	-2.638110091	0.566385	1.2023596	0.9783414	0.7380648	4.8238316
2402000000	0.261799388	-0.366519143	-5.041848946	1.719163924	-0.678640417	-2.557898456	0.5596385	1.2188723	0.9248429	0.7449122	4.7314149
2402000000	0.261799388	-0.314159265	-4.944180769	1.77612633	-0.174145136	-2.162813806	0.5659668	1.2689199	0.8864265	0.7757975	4.7580668
2402000000	0.261799388	-0.261799388	-4.700845436	1.748123125	-1.260519846	-1.602339509	0.5820466	1.2229428	0.8649162	0.8315398	4.8643471
2402000000	0.261799388	-0.20943951	-4.382787929	1.620499399							

2402000000	0.261799388	2.513274123	-7.130605589	-10.83140493	-6.229941919	-7.865031707	0.4400173	0.2873623	0.4880934	0.4043416	-1.831294
2402000000	0.261799388	2.565634	-7.519553474	-8.864584406	-7.062610208	-7.67768766	0.4207483	0.3603884	0.4434754	0.4131575	-1.735544
2402000000	0.261799388	2.617993878	-7.963282362	-7.566450501	-8.059550678	-7.074457921	0.3997936	0.1848448	0.3953871	0.4428709	-1.63658
2402000000	0.261799388	2.670353756	-8.458837399	-6.793340431	-9.083425773	-6.380599002	0.3776227	0.4574388	0.3514218	0.4797004	-1.586014
2402000000	0.261799388	2.722713633	-9.012098979	-6.473008084	-9.74631006	-5.853340803	0.3543195	0.4746239	0.37171527	0.5097215	-1.640135
2402000000	0.261799388	2.775073511	-9.639577626	-6.579653173	-10.66135521	-5.622551909	0.3296257	0.4688321	0.2930436	0.5234466	-1.857429
2402000000	0.261799388	2.827433388	-10.37355859	-7.125623645	-11.24528465	-5.742517087	0.3029159	0.4402697	0.2739907	0.5162667	-2.307247
2402000000	0.261799388	2.879793266	-11.27033677	-8.16461279	-11.94620167	-6.2431815	0.2732016	0.3906334	0.2527493	0.4873499	-0.370665
2402000000	0.261799388	2.932153143	-12.4193626	-9.808546489	-12.98418162	-7.164166908	0.2393491	0.3232754	0.2242802	0.4383204	-0.256282
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2402000000	0.261799388	3.036872899	-16.02307225	-15.9063714	-16.32468931	-10.65308616	0.1580689	0.162057	0.1526742	0.2933227	-8.355633
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2402000000	0.314159265	-3.141592654	-20.78073523	-20.83728103	-16.50798651	-18.48822246	0.0914036	0.0908105	0.1494861	0.1190115	-12.94263
2402000000	0.314159265	-3.089232776	-19.86288935	-17.11010288	-14.2895029	-25.53705617	0.1015911	0.1394745	0.1929856	0.0528624	-12.27156
2402000000	0.314159265	-3.036872899	-16.94629986	-14.43198456	-12.19182384	-20.8716262	0.1421298	0.1898457	0.2457021	0.0904521	-9.523385
2402000000	0.314159265	-2.984513021	-14.46518116	-12.87122023	-10.49560354	-15.67804885	0.1891215	0.227216	0.2986894	0.1644741	-7.135872
2402000000	0.314159265	-2.932153143	-12.741084	-11.99971069	-15.58755596	-12.6242288	0.2306459	0.251197	0.3485028	0.2337699	-5.480824
2402000000	0.314159265	-2.879793266	-11.66255777	-11.43217412	-0.805011562	-10.68388485	0.2611392	0.2681583	0.3942298	0.2922845	-4.323273
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2402000000	0.314159265	-2.775073511	-10.9331389	-9.908403846	-6.501583202	-8.732961931	0.2840162	0.3195802	0.473065	0.3658911	-2.837967
2402000000	0.314159265	-2.722713633	-10.95104552	-8.794857717	-9.523295762	-8.430721635	0.2834312	0.3632931	0.5056328	0.3788471	-2.319938
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2402000000	0.314159265	-2.408543688	-4.78038502	-5.437820208	-4.269262228	-9.484122489	0.5767409	0.5346695	0.6116978	0.3355783	0.2513267
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2402000000	0.314159265	-2.042035225	-1.887063334	-3.093823182	-5.04403503	-14.96390109	0.8047238	0.7003399	0.5594976	0.1785685	0.9964882
2402000000	0.314159265	-1.989675347	-2.033716083	-2.557814453	-5.326044037	-12.3520176	0.7912509	0.7449194	0.5416238	0.2412211	1.2854383
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2402000000	0.314159265	-1.884955592	-2.412777513	-1.662978173	-5.253418904	-8.900348072	0.7574625	0.7854568	0.5467115	0.3589076	1.8974421
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2402000000	0.314159265	-0.628318531	-2.879766136	1.280589779	2.34680387	-0.975252773	0.7178136	1.158856	1.3102078	0.8937938	6.1940325
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2402000000	0.314159265	-0.41887902	-5.181519302	1.702436175	-0.044544236	-2.56833594	0.5507114	1.2165272	0.9948848	0.7440176	4.8759874
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2402000000	0.314159265	2.408554368	-6.190084696	-15.50627307	-4.808729681	-6.880077191	0.4903382	0.1677592	0.5748619	0.4528936	-1.484206
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2402000000	0.314159265	2.565634	-6.966366105	-8.105987956	-6.945141241	-7.609870901	0.4484166	0.3932789	0.4495137	0.4163959	-1.372851
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2402000000	0.314159265	3.089232776	-18.3658691	-20.31584155	-17.6180862	-13.65790489	0.1206998	0.0964291	0.1315515	0.2075414	-11.11564
2402000000	0.314159265	3.141592654	-20.78073523	-20.83728103	-16.50798651	-18.48822246	0.0914036	0.0908105	0.1494861	0.1190115	-12.94263
2402000000	0.366519143	-3.141592654	-20.78073492	-20.83728088	-16.50798661	-18.48822249	0.0914036	0.0908105	0.1494861	0.1190115	-12.94263
2402000000	0.366519143	-3.089232776	-19.98228206	-17.20925048	-14.27616866	-25.25401713	0.1002042	0.1378915	0.1932821	0.0546134	-12.28803
2402000000	0.366519143	-3.036872899	-16.86828572	-14.45046266	-12.19775288	-20.18910046	0.1434121	0.1894423	0.2455344	0.0978464	-9.418645
2402000000	0.366519143	-2.984513021	-14.19064003	-12.77913142	-10.49809159	-15.0877634	0.1951947	0.0296378	0.2986039	0.1760402	-6.940803
2402000000	0.366519143	-2.932153143	-12.2739278	-11.79308504	-9.12433117	-12.0533288	0.2433905	0.2572443	0.3497707	0.249651	-5.1923
2402000000	0.366519143	-2.879793266	-10.98422751	-11.13778247	-7.997989487	-10.11074545	0.2823505	0.2774028	0.3981993	0.3122214	-3.943335
2402000000	0.366519143	-2.827433388	-10.19327081	-10.49186831	-7.066487571	-8.860337822	0.309269	0.2988179	0.4432774	0.3605646	-3.023443
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2402000000	0.366519143	-2.670353756	-9.569386624	-7.57809513	-5.241434934	-7.708946181	0.3323003	0.4179237	0.5469256	0.4116733	-1.366659
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2402000000	0.41887902	-0.837758041	-1.12004438	1.529165944	4.155460649	-0.122564986	0.879832	1.1924998	1.6135151	0.9859883	7.3691053
2402000000	0.41887902	-0.785398163	-1.371173562	1.504445567	3.898945153	-0.127331389	0.8539675	1.1891107	1.5665608	0.9854474	7.2252735
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2402000000	0.41887902	-0.680678408	-2.171186236	1.486980644	3.097379408	-0.323150437	0.7788264	1.1867221	1.4284629	0.9634795	6.76413
2402000000	0.41887902	-0.628318531	-2.719241722	1.520430021	2.575580967	-0.569345364	0.7312029	1.191301	1.3451758	0.9365538	6.4531367
2402000000	0.41887902	-0.575958653	-3.363840895	1.590311582	1.996421538	-0.950970896	0.6789034	1.2009242	1.2584069	0.892696	6.0592598
2402000000	0.41887902	-0.523598776	-4.084985166	1.690929855	1.383558122	-1.455358122					

2402000000	0.41887902	2.199114858	-6.250215555	-6.380696589	-4.203443207	-5.413006419	0.4869554	0.479695	0.6163506	0.5362282	0.502959
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2402000000	0.41887902	2.303834613	-5.901350348	-9.751989451	-3.942776742	-5.3253749	0.5069119	0.3253872	0.6351279	0.4839353	-0.213842
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2402000000	0.41887902	2.932153143	-10.81383263	-9.24253083	-13.49556636	-6.909016403	0.2879442	0.3450432	0.2114568	0.44513871	-3.76963
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2402000000	0.41887902	3.036872899	-14.74935206	-15.22372214	-17.13365529	-10.4998831	0.1830343	0.1733061	0.1390968	0.2985423	-8.024414
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2402000000	0.41887902	3.141592654	-20.78073532	-20.83728107	-17.5079867	-18.48822244	0.0914036	0.0908105	0.149486	0.1190115	-12.94263
2402000000	0.417123889	-3.141592654	-20.78073492	-20.83728089	-16.50798643	-18.48822278	0.0914036	0.0908105	0.1494861	0.1190115	-12.94263
2402000000	0.417123889	-3.089232776	-20.1323563	-17.42208397	-14.26000153	-24.53338413	0.0984877	0.1345537	0.1936422	0.0593377	-12.28749
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2402000000	0.417123889	-2.984513021	-13.53113716	-12.57897551	-10.54377519	-13.97358665	0.2105926	0.234991	0.2970392	0.2001339	-6.532607
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2402000000	0.575958653	-1.256637061	-3.122336886	-0.524313168	2.231350187	-2.904003691	0.6980446	0.941422	1.2929077	0.7158134	5.2209434
2402000000	0.575958653	-1.204277184	-2.94048282	-0.209098526	2.62020641	-2.586761713	0.7128134	0.9762141	1.3520767	0.7242409	5.5373784
2402000000	0.575958653	-1.151917306	-2.730594758	0.116248637	2.98367776	-2.020086828	0.7302478	1.0134736	1.4098856	0.7924934	5.9027628
2402000000	0.575958653	-1.099557429	-2.493560275	0.435921764	3.30896328	-1.355028158	0.7504504	1.0514681	1.4631701	0.8555563	6.2877038
2402000000	0.575958653	-1.047197551	-2.242377759	0.73675679	3.570474265	-0.734107808	0.7724691	1.0885236	1.5084719	0.9189558	6.625347
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2402000000	0.575958653	-0.942477796	-1.802171489	1.248342596	3.872186222	0.099546793	0.8162673	1.1545617	1.5617414	1.0115267	7.1213916
2402000000	0.575958653	-0.890117919	-1.673589177	1.451135222	3.88654514	0.297571016	0.8247466	1.1818348	1.5643816	1.0348527	7.2455313
2402000000	0.575958653	-0.837758041	-1.639699065	1.61780962	3.8017885						

2402000000	0.575958653	1.884955592	-2.962076252	-3.216859281	-5.948108996	-2.22024829	0.7110435	0.6904894	0.5041904	0.7744397	2.5426242
2402000000	0.575958653	1.93731547	-3.316087621	-3.126120683	-6.002832786	-2.301042238	0.6826461	0.6977406	0.5010238	0.7672694	2.4399896
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2402000000	0.575958653	2.775073511	-6.930864302	-4.894515486	-9.269105309	-4.841818004	0.4502532	0.5692122	0.3439891	0.5726762	-0.281906
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2402000000	0.733038286	-1.675516082	-5.928648109	-2.372915095	-1.743778582	-1.575783946	0.5053213	0.7609467	0.8181088	0.8340859	3.2824832
2402000000	0.733038286	-1.623156204	-5.44478328	-1.994582622	-1.416431276	-1.256160426	0.5342701	0.7948238	0.8495294	0.8653504	3.6402179
2402000000	0.733038286	-1.570796327	-4.827846825	-1.663165963	-1.104908315	-0.992155992	0.573598	0.8257369	0.8805511	0.8920562	4.0059856
2402000000	0.733038286	-1.518436449	-4.178821332	-1.382374975	-0.795635296	-0.821541095	0.6181003	0.8526309	0.9124692	0.9097518	4.3317132
2402000000	0.733038286	-1.466076572	-3.574978518	-1.144661618	-0.474823867	-0.177249051	0.6625995	0.8753063	0.9468011	0.9149293	4.6117156
2402000000	0.733038286	-1.413716694	-3.061048614	-0.934062251	-0.132381784	-0.850771222	0.7029874	0.8980425	0.9848745	0.9066955	4.8423769
2402000000	0.733038286	-1.361356817	-2.655318722	-0.730405641	0.235130302	-0.137129094	0.736604	0.9193475	1.0274401	0.8880012	5.0361525
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2402000000	0.785398163	2.565634	-5.541547481	-7.374903452	-6.930795745	-9.263115153	0.5283511	0.4278138	0.4502567	0.3442265	-1.156623
2402000000	0.785398163	2.617993878	-5.830410629	-6.028055543	-6.446267644	-7.315515635	0.5110689	0.4995771	0.4760512	0.4307472	-0.366172
2402000000	0.785398163	2.670353756	-6.121171186	-5.235543036	-6.300714576	-7.49748405	0.494244	0.5472967	0.4841325	0.5158371	0.178432
2402000000	0.785398163	2.722713633	-6.41183101	-4.952253353	-6.508106727	-4.75082495	0.4779786	0.5642961	0.4727099	0.5817627	0.0150635
2402000000	0.785398163	2.775073511	-6.731841692	-5.1476521	-7.098073547	-4.219210822	0.4606891	0.5528628	0.4416684	0.6152328	0.3007709
2402000000	0.785398163	2.827433388	-7.152810872	-5.810486739	-8.12030882	-4.297727651	0.4388938	0.5122426	0.392631	0.6096964	-0.204493
2402000000	0.785398163	2.879793266	-7.782767266	-6.951543101	-9.652302286	-4.935489583	0.4081893	0.4491185	0.3291432	0.5665334	-1.144722
2402000000	0.785398163	2.932153143	-8.758177467	-8.612719609	-11.800362	-6.125058302	0.3648305	0.3709916	0.2570289	0.4940229	-2.575118
2402000000	0.785398163	2.984513021	-10.25384388	-10.88914395	-14.63285285	-7.872341379	0.3071198	0.2854584	0.1855057	0.4040015	-4.567623
2402000000	0.785398163	3.036872899	-12.53016165	-13.96377116	-17.64873633	-10.24957359	0.2363153	0.2003694	0.1310881	0.3072708	-7.180005
2402000000	0.785398163	3.089232776	-16.02765961	-17.97461184	-18.46677647	-13.54151051	0.1579854	0.1262611	0.1193057	0.2103413	-10.25874
2402000000	0.785398163	3.141592654	-20.78073498	-20.83728097	-16.50798683	-18.48822248	0.0914036	0.0908105	0.149486	0.1190115	-12.94263
2402000000	0.837758041	3.151592654	-20.78073533	-20.83728097	-16.50798683	-18.48822256	0.0914036	0.0908105	0.1494861	0.1190115	-12.94263
2402000000	0.837758041	3.089232776	-19.80009687	-18.40813318	-14.29257708	-21.84350115	0.1023282	0.1201139	0.1929173	0.080877	-12.10683
2402000000	0.837758041	3.036872899	-14.74745181	-14.8678678	-12.56687267	-16.1225012	0.1830743	0.1805388	0.2353187	0.1562698	-8.45917
2402000000	0.837758041	2.984513021	-11.2540298	-12.27973717	-11.18349028	-11.66287351	0.2737149	0.2432278	0.2759469	0.2611297	-5.563629
2402000000	0.837758041	2.932153143	-8.873451725	-10.48064965	-9.947286249	-8.83716523	0.3600207	0.2992004	0.3181528	0.3651278	-3.485603
2402000000	0.837758041	2.879793266	-7.189769675	-9.24970004	-8.769692581	-7.046198311	0.4370303	0.3447585	0.3643471	0.4443141	-1.9902
2402000000	0.837758041	2.827433388	-5.998677601	-8.430675225	-7.669347573	-5.992128788	0.5012635	0.3788991	0.4135544	0.5016416	-0.937818
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2402000000	0.837758041	2.670353756	-4.723877248	-7.195453494	-5.444171603	-5.891744158	0.5805052	0.4367444	0.5340377	0.5074728	0.2526541
2402000000	0.837758041	2.617993878	-5.072240322	-6.860367376	-5.155996066	-6.323098432	0.5576837	0.4593924	0.5523337	0.4664929	0.1311725
2402000000	0.837758041	2.565634	-5.888510608	-6.504114452	-5.062603762	-7.621610945	0.5076618	0.4729272	0.5583028	0.4158335	-0.198885
2402000000	0.837758041	2.513274123	-7.282967961	-6.161175097	-5.103194234	-8.764175567	0.4323661	0.4919773	0.5556999	0.3645786	-0.702473
2402000000	0.837758041	2.460914245	-9.45403044	-5.873653426	-5.199837767	-9.843290641	0.3367323	0.5083039	0.5495511	0.3219849	-1.32621
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2402000000	0.837758041	2.35619449	-17.51944428	-5.517049489	-5.288378388	-10.746071903	0.133054	0.5298434	0.5439777	0.2901993	-2.515732
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2402000000	0.837758041	2.042035225	-5.799088081	-4.508408993	-4.735488431	-4.773211963	0.5129152	0.5905807	0.5791894	0.5772174	1.0784927
2402000000	0.837758041	1.989675347	-5.298535653	-4.28791747	-4.599101292	-3.991229354	0.5433419	0.6103854	0.5889046	0.6315948	1.4898437
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2402000000	0.837758041	1.884955592	-5.234129502	-3.798620749	-3.798620749	-2.976678771	0.5473858	0.6457568	0.6221596	0.7098491	2.0251482
2402000000	0.837758041	1.832595715	-5.518059936	-3.488807967	-3.798295352	-2.657396735	0.5297818	0.6692057	0.645781	0.7364278	2.2158203
2402000000	0.837758041	1.780235837	-5.859477903	-3.118106882	-3.442324589	-2.382746222	0.5093615	0.6983846	0.6727966	0.7608662	2.4135475
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2402000000	0.837758041	1.675516082	-5.995400628	-2.236891358	-3.751308099	-1.774148183	0.5014527	0.7729572	0.7317026	0.8152533	2.9885881
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2402000000	0.837758041	1.518436449	-3.885459429	-0.950385503	-1.704946104	-0.825277542	0.6393329	0.8963564	0.8217746	0.9093606	4.2619159
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2402000000	0.837758041	1.361356817	1.015375166	-4.655410427	-2.575039274	0.898617736	1.1240063	0.5850992	0.7434436	1.1089983	5.0121747
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2402000000	0.837758041	2.35619449	-4.244175506	-13.42000846	-11.60046844	-9.640748541	0.613467	0.2133043	0.2630126	0.3295813	-2.978717
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2402000000	0.837758041	2.932153143	-8.648334961	-8.634781974	-11.50226112	-6.044068481	0.3694735	0.3700050	0.2660033	0.4986509	-2.474615
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2402000000	0.837758041	3.089232776	-15.83232714	-17.77661122	-18.4818523	-13.55985633	0.1615785	0.1921723	0.1190988	0.2089875	-10.17631
2402000000	0.837758041	3.141592654	-20.78073533	-20.83728094	-16.50798663	-18.48822256	0.0914036	0.0980105	0.1494861	0.1190115	-12.94263
2402000000	0.890117919	3.141592654	-20.78073491	-20.83728095	-16.50798645	-18.48822263	0.0914036	0.0980105	0.1494861	0.1190115	-12.94263
2402000000	0.890117919	3.089232776	-19.67903455	-18.5923749	-14.30510931	-21.51714416	0.1037644	0.1175929	0.1926391	0.0839736	-12.07654
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2402000000	0.890117919	2.984513021	-10.9945316	-12.33938549	-11.3272441	-11.54906975	0.2820158	0.2415632	0.2714175	0.2645736	-5.518007
2402000000	0.890117919	2.932153143	-8.662934076	-10.49736976	-10.16965513	-8.782754043	0.368853	0.2986827	0.3101111	0.3637997	-3.469483
2402000000	0.890117919	2.879793266	-7.045826736	-9.239142132	-9.046214115	-7.049687255	0.4443331	0.3451778	0.3529306	0.4441357	-2.011376
2402000000	0.890117919	2.827433388	-5.924706973	-8.410793113	-7.964875417	-6.061364459	0.5055506	0.3971973	0.3997203	0.4976589	-0.999292
2402000000	0.890117919	2.775073511	-5.194002959	-7.88701151	-6.997619286	-5.654448195	0.5499204	0.4033977	0.446806	0.521528	-0.347457
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2402000000	0.890117919	2.670353756	-4.776474112	-7.270174115	-6.564138872	-6.173391733	0.5770006	0.4330034	0.5215465	0.4912815	0.0985966
2402000000	0.890117919	2.617993878	-5.115949853	-6.973960716	-5.515949031	-6.920869751	0.5548884	0.4480247	0.5422759	0.4507716	-0.017578
2402000000	0.890117919	2.565634	-5.884852873	-6.692889407	-5.166843223	-7.830710309	0.5078756	0.4661231	0.5516427	0.4059425	-0.302329
2402000000	0.890117919	2.513274123	-7.170246097	-6.267594918	-5.149340048	-6.897582105	0.4380137	0.4859821	0.5527554	0.3673846	-0.704742
2402000000	0.890117919	2.460914245	-9.100346784	-5.93792342	-5.189724832	-9.270642056	0.3507379	0.504782	0.5501914	0.3439283	-1.161629
2402000000	0.890117919	2.408545368	-11.79795194	-5.677317312	-5.220109866	-9.38917863	0.2571002	0.5201566	0.54827	0.3392666	-1.593393
2402000000	0.890117919	2.35619449	-14.78800268	-5.490602064	-5.202093068	-9.085069678	0.1822216	0.5314592	0.5494085	0.3513553	-1.860137
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2402000000	0.890117919	2.251474735	-12.34430879	-5.229869975	-5.058448291	-7.710347385	0.2414263	0.5476543	0.5586777	0.4116069	-1.114023
2402000000	0.890117919	2.199114858	-9.622260929	-5.085562779	-4.997579136	-6.814092142	0.3020836	0.5562698	0.5624981	0.4563472	-0.418334
2402000000	0.890117919	2.14675498	-7.634906233	-4.906886677	-4.971626591	-5.874903568	0.4151975	0.5684021	0.5641813	0.5084577	0.2408699
2402000000	0.890117919	2.094395102	-6.271567515	-4.699025398	-4.975834157	-5.879583417	0.4857599	0.5821685	0.5641642	0.563908	0.8120492
2402000000	0.890117919	2.042035225	-5.397018874	-4.475952352	-4.968507787	-4.187865508	0.5372161	0.5973136	0.5643839	0.617457	1.275561
2402000000	0.890117919	1.989675347	-4.919930818	-4.247127474	-4.922410744	-3.552616323	0.5675491	0.6132586	0.5673871	0.66403075	1.628755
2402000000	0.890117919	1.93731547	-4.779055423	-4.009452172	-4.80073868	-3.078530894	0.5768292	0.6302711	0.575391	0.701574	1.88266
2402000000	0.890117919	1.884955592	-4.923218771	-3.747323886	-4.589259592	-2.743694133	0.5673343	0.6495817	0.5895698	0.7291473	2.0611285
2402000000	0.890117919	1.832595715	-5.287347939	-3.439807232	-4.295961128	-2.500977689	0.5440422	0.6729916	0.6098204	0.7498098	2.2005559
2402000000	0.890117919	1.780235837	-5.760056393	-3.071569702	-3.94451183	-2.288186734	0.5152253	0.7021364	0.635001	0.7684059	2.3479737
2402000000	0.890117919	1.72787596	-6.152160746	-2.642080991	-3.564120606	-2.047430892	0.4924838	0.7377275	0.6634283	0.7900025	2.5538918
2402000000	0.890117919	1.675516082	-6.220151192	-2.167746446	-3.180295125	-1.749317804	0.4886439	0.7791349	0.6934022	0.8175782	2.856467
2402000000	0.890117919	1.623156204	-5.807647001	-1.676025516	-2.809645261	-1.406054148	0.5124101	0.8245153	0.723632	0.850545	3.2605495
2402000000	0.890117919	1.570796327	-4.982268438	-1.195856899	-2.458240131	-1.062044373	0.5634905	0.8713791	0.7535082	0.8849073	3.7314572
2402000000	0.890117919	1.518436449	-3.958980424	-0.749704444	-2.122686327	-0.770336755	0.6339441	0.9137301	0.7831874	0.9513108	4.2159165
2402000000	0.890117919	1.466076572	-2.932170667	-0.34974174							

2402000000	0.890117919	1.256637061	1.616470276	-2.947793554	-1.501274215	1.909087795	1.2045463	0.7122137	0.8412717	1.2458174	6.0289542
2402000000	0.890117919	1.308996939	1.35695574	-3.494321462	-1.685524784	1.631330614	1.1690896	0.668781	0.8236141	1.2660689	5.7293395
2402000000	0.890117919	1.361356817	1.064736728	-4.012644008	-1.91732988	1.304348159	1.1304122	0.6300395	0.8019245	1.1620302	5.4005415
2402000000	0.890117919	1.413716694	0.733496014	-4.404109207	-2.186220305	0.928641817	1.088115	0.6022746	0.7774796	1.1128384	5.0587771
2402000000	0.890117919	1.466076572	0.35981622	-4.584115873	-2.474284783	0.507746194	1.0422954	0.5892915	0.7521176	1.0601988	4.7220078
2402000000	0.890117919	1.518436449	-0.054768808	-4.5344615	-2.755607261	0.050791214	0.9937143	0.5933035	0.728148	1.0058647	4.4048574
2402000000	0.890117919	1.570796327	-0.50259934	-4.320375171	-2.998609767	-0.423614558	0.9437784	0.6081087	0.7080592	1.0523997	4.1158465
2402000000	0.890117919	1.623156204	-0.969513222	-4.052034406	-3.173025141	-0.882261511	0.8943847	0.6271888	0.6939829	0.9034142	3.8596255
2402000000	0.890117919	1.675516082	-1.43507815	-3.83384702	-3.260922089	-1.273455468	0.8477076	0.6431432	0.6869955	0.863629	3.641085
2402000000	0.890117919	1.72787596	-1.873571569	-3.740056256	-3.267026835	-1.532639062	0.8059747	0.6501255	0.6865128	0.8382394	3.4662095
2402000000	0.890117919	1.780235837	-2.256617892	-3.81405401	-3.221886749	-1.60836665	0.7712037	0.6446104	0.6900899	0.830963	3.3370855
2402000000	0.890117919	1.832595715	-2.558809298	-4.075043846	-3.178555631	-1.502217603	0.7448341	0.6255295	0.6937567	0.8411804	3.2342218
2402000000	0.890117919	1.884955592	-2.766206402	-4.522473962	-3.188598407	-1.287522128	0.72726	0.5941229	0.6927397	0.8622315	3.1562471
2402000000	0.890117919	1.93731547	-2.884141177	-5.136119419	-3.205422997	-1.084078984	0.7174521	0.5535974	0.682296	0.8826653	3.0353579
2402000000	0.890117919	1.989675347	-2.93863605	-5.874442527	-3.629207141	-1.014926795	0.712965	0.5084847	0.6584755	0.8897206	2.8278848
2402000000	0.890117919	2.042035225	-2.96907915	-6.678705152	-4.169560511	-1.180485409	0.7104705	0.463516	0.6187596	0.8792926	2.4955326
2402000000	0.890117919	2.094395102	-3.015949016	-7.493256266	-4.995656344	-1.65538058	0.706647	0.422024	0.5626226	0.8264774	1.9997249
2402000000	0.890117919	2.14675498	-3.109883563	-8.302319666	-6.158337134	-2.495842641	0.6990461	0.3844891	0.4921337	0.7502532	1.3113036
2402000000	0.890117919	2.199114858	-3.265917552	-9.157623141	-7.683462144	-3.747932995	0.6866005	0.3484326	0.4128829	0.6495766	0.6134088
2402000000	0.890117919	2.251474735	-3.483619509	-10.16056929	-9.47745511	-5.446665151	0.6696055	0.3104356	0.335836	0.5341543	-0.677018
2402000000	0.890117919	2.303834613	-3.752360559	-11.37678701	-11.05160884	-7.606455483	0.6492052	0.2698738	0.2801687	0.4156597	-1.852809
2402000000	0.890117919	2.35619449	-4.059897459	-12.62762893	-11.40058483	-10.13527859	0.6266213	0.2336784	0.2691354	0.3113408	-2.848672
2402000000	0.890117919	2.408554368	-4.400383218	-13.16553951	-10.28939831	-12.50254404	0.602533	0.2196459	0.3058652	0.2370679	-3.317234
2402000000	0.890117919	2.460914245	-4.776428893	-12.21270789	-8.694184542	-13.22634223	0.5770036	0.2455112	0.3675283	0.2181137	-3.050042
2402000000	0.890117919	2.513274123	-5.191980548	-10.33694056	-7.302375307	-11.64042239	0.5500485	0.3041956	0.4314011	0.2618056	-2.228263
2402000000	0.890117919	2.565634	-5.638665889	-8.491116993	-6.304753414	-9.254349311	0.5224764	0.376222	0.4839075	0.344574	-1.273848
2402000000	0.890117919	2.617993878	-6.084809743	-7.06472688	-5.719192103	-7.104830847	0.4963174	0.4433673	0.517655	0.4413249	-0.451635
2402000000	0.890117919	2.670353756	-6.480935038	-6.133425428	-5.532417333	-5.472308724	0.4741909	0.4935472	0.5289068	0.5352796	0.1260025
2402000000	0.890117919	2.722713633	-6.791387082	-5.689874006	-5.739578507	-4.65530056	0.4575417	0.422024	0.5626226	0.6014852	0.4025564
2402000000	0.890117919	2.775073511	-7.037621229	-5.71771815	-6.355542449	-3.942890033	0.4447531	0.5177428	0.4810862	0.6351196	0.3352432
2402000000	0.890117919	2.827433388	-7.315142532	-6.211519038	-6.472098622	-4.051005679	0.4307674	0.4891297	0.42555	0.6272631	-0.119334
2402000000	0.890117919	2.879793266	-7.771081826	-7.184811398	-9.009628309	-4.732747591	0.4087388	0.4372798	0.3544203	0.5799127	-1.010484
2402000000	0.890117919	2.932153143	-8.576630858	-8.68051335	-11.23284779	-5.979978713	0.3725362	0.3681072	0.2743833	0.5023438	-2.398767
2402000000	0.890117919	2.984513021	-9.931649788	-10.79228341	-14.18685254	-7.794960659	0.318726	0.2886595	0.1952798	0.4701617	-4.362868
2402000000	0.890117919	3.036872899	-12.12175023	-13.69967024	-17.44006679	-10.24084743	0.2476923	0.2065459	0.1342755	0.3075924	-6.973412
2402000000	0.890117919	3.089232776	-15.65116586	-17.58922214	-18.47956936	-13.85539958	0.164984	0.1319894	0.1191301	0.2092811	-10.09766
2402000000	0.890117919	3.141592654	-20.78073491	-20.83728095	-16.50798645	-18.48822263	0.0914036	0.0908105	0.1494861	0.1190115	-12.94263
2402000000	0.890117919	3.141592654	-20.78073491	-20.83728123	-16.5079867	-18.48822238	0.0914036	0.0908105	0.149486	0.1190115	-12.94263
2402000000	0.890117919	3.089232776	-19.55007649	-18.79055245	-14.31872803	-21.20849081	0.1053164	0.1194903	0.1923733	0.0870113	-12.04806
2402000000	0.890117919	3.036872899	-14.22565489	-15.13246324	-12.69863111	-15.7451961	0.1944094	0.1751366	0.231776	0.1632075	-8.352715
2402000000	0.890117919	2.984513021	-10.7524067	-12.43230388	-11.47776929	-11.48480551	0.2899878	0.2389927	0.2667544	0.2665384	-5.495876
2402000000	0.890117919	2.932153143	-8.478223524	-10.55764572	-10.41232700	-8.787774827	0.3767809	0.2965635	0.3015671	0.3635894	-3.488227
2402000000	0.890117919	2.879793266	-6.940416213	-9.279759043	-9.358063461	-7.121808946	0.4497583	0.3481595	0.3404841	0.4404631	-2.078999
2402000000	0.890117919	2.827433388	-5.907053161	-8.445701105	-8.304972479	-6.107790026	0.5065792	0.3739643	0.3843717	0.4893679	-1.176088
2402000000	0.890117919	2.775073511	-5.259091829	-7.933885035	-7.327524356	-5.87948781	0.5458149	0.401149	0.4301538	0.5081894	-0.512957
2402000000	0.890117919	2.722713633	-4.941820188	-7.623027771	-6.018346581	-6.018346581	0.5661206	0.4157657	0.4726953	0.5001297	-0.198947
2402000000	0.890117919	2.670353756	-4.942933933	-7.387321271	-5.895973223	-6.509650954	0.5660481	0.4272026	0.5072258	0.4726258	-0.117608
2402000000	0.890117919	2.617993878	-5.280607213	-7.121315573	-5.49735772	-7.209434979	0.5444646	0.4424088	0.531046	0.4360419	-0.210823
2402000000	0.890117919	2.565634	-5.996540777	-6.778430572	-5.284369964	-7.911252192	0.5013869	0.4582247	0.5442288	0.4021957	-0.417978
2402000000	0.890117919	2.513274123	-7.150553804	-6.382623047	-5.202778175	-8.364048654	0.4390079	0.4795886	0.5493651	0.3817663	-0.678443
2402000000	0.890117919	2.460914245	-8.801967232	-5.995810238	-5.185460122	-8.400476415	0.3629958	0.501429	0.5504616	0.3801685	-0.939045
2402000000	0.890117919	2.408554368	-10.90327675	-5.672582485	-5.17240146	-8.061025456	0.2849943	0.5204402	0.5512898	0.3953199	-1.149699
2402000000	0.890117919	2.35619449	-12.83940509	-5.435138968	-5.131886722	-7.514144061	0.2280498	0.5348366	0.5538672	0.4211004	-1.220649
2402000000	0.890117919	2.303834613	-12.97476386	-5.271648677	-5.068778477	-6.890774306	0.2245235	0.5042624	0.5579061	0.4523361	-1.013214
2402000000	0.890117919	2.251474735	-11.15345814	-5.148115628	-5.012452708	-6.233559025	0.2769026	0.5528333	0.5615357	0.4878901	-0.543136
2402000000	0.890117919	2.199114858	-9.021804329	-5.025784755	-4.993873053	-5.542377514	0.3539238	0.5606744	0.5627381	0.5283006	0.0244668
2402000000	0.890117919	2.14675498	-7.294127216	-4.877294138	-5.02672714	-4.829371216	0.4318109	0.5703419	0.5606136	0.5734973	0.5724977
2402000000	0.890117919	2.094395102	-6.044231468	-4.694271459	-5.099283024	-4.136796487	0.4986415	0.5824873	0.5559501	0.6210981	1.0545596
2402000000	0.890117919	2.042035225	-5.220419377	-4.483152599	-5.176382137	-3.519513984	0.5482505	0.5968186	0.5510372	0.6668441	1.4484921
2402000000	0.890117919	1.989675347	-4.769359023	-4.253741799	-5.209914737	-3.01995172	0.5774735	0.6127918	0.548914	0.7063215	1.7467559
2402000000	0.890117919	1.93731547	-4.651852532	-4.008609699	-5.155544444	-2.653642184	0.5853389	0.6303222	0.5523607	0.7367462	1.9547849
2402000000	0.890117919	1.884955592	-4.835144115	-3.738778934	-4.989570945	-2.40540465	0.5731163	0.6032211	0.5630169	0.7581057	2.0913129
2402000000	0.890117919	1.832595715	-5.274295224	-3.426933286	-4.716740028	-2.232047509	0.5448604	0.6739898	0.5809824	0.7773383	2.1889414
2402000000	0.890117919	1.780235837	-5.877569516	-3.056354045	-4.364783023	-2.072568726	0.5083017	0.7033675	0.6500076	0.7877194	2.2935412
2402000000	0.890117919	1.72787596	-6.454237396	-2.621102922	-3.979060322	-1.869004497	0.4756507	0.7395114	0.6330704	0.8063986	2.5494834
2402000000	0.890117919	1.675516082	-6.697380926	-2.131526773	-3.569339328	-1.592578366	0.4625205	0.7823907	0.6630298	0.8324748	2.735729
2402000000	0.890117919	1.623156204	-6.340618676	-1.611725317	-3.183370955	-1.257648743	0.4819135	0.8306417	0.6931567	0.8652021	3.1398038
2402000000	0.890117919	1.570796327	-5.417953054	-							

2402000000	0.942477796	1.151917306	2.036528359	-1.327590394	-0.938583295	2.605077838	1.2642309	0.8582632	0.8975752	1.3497517	6.7886731
2402000000	0.942477796	1.204277184	1.847409013	-1.631153449	-1.009879387	2.433837871	1.2370001	0.8287858	0.8902378	1.3234023	6.6071148
2402000000	0.942477796	1.256637061	1.639298982	-2.048285691	-1.234780916	2.217067279	1.2077164	0.7899247	0.8775279	1.2907834	6.3736862
2402000000	0.942477796	1.308996939	1.407626287	-2.55060764	-1.313035104	1.954107401	1.1759296	0.7451556	0.8597026	1.2522913	6.0921349
2402000000	0.942477796	1.363556817	1.145051508	-3.101260498	-1.539766648	1.643537296	1.1409131	0.6997404	0.8375518	1.2083058	5.7790885
2402000000	0.942477796	1.413716694	0.843734643	-3.605754282	-1.053598458	1.283665183	1.102013	0.6602559	0.8124938	1.1592664	5.4229543
2402000000	0.942477796	1.467605752	0.9787775	-3.970672056	-2.084968638	1.373783104	1.0589949	0.6330914	0.7865957	1.105832	5.0680058
2402000000	0.942477796	1.518436449	0.105806476	-4.123807774	-2.355851676	0.416973374	1.0122559	0.6202275	0.7624431	1.0491768	4.7254618
2402000000	0.942477796	1.570796327	-0.328734636	-4.06549409	-2.582845489	-0.075009104	0.9628603	0.6262176	0.7427758	0.9914014	4.4106737
2402000000	0.942477796	1.623156204	-0.795913286	-3.872142633	-2.735275561	-0.574778979	0.91244	0.6403138	0.7298544	0.9359681	4.1326764
2402000000	0.942477796	1.675516082	-1.27939243	-3.652625021	-2.797069166	-1.03246469	0.8630389	0.6567026	0.7246804	0.887926	3.8968001
2402000000	0.942477796	1.72787596	-1.756047867	-3.503619075	-2.776706796	-1.377343188	0.816954	0.6680655	0.7263813	0.8533611	3.7073349
2402000000	0.942477796	1.780235837	-2.196609922	-3.491611364	-2.708707817	-1.542030298	0.7765501	0.6689897	0.7320902	0.8373335	3.5650416
2402000000	0.942477796	1.832595715	-2.569166958	-3.653810163	-2.645847774	-1.508882905	0.7439464	0.656613	0.7374076	0.8405351	3.4593584
2402000000	0.942477796	1.884955592	-2.847231636	-4.003259654	-2.64800013	-1.341152566	0.7205074	0.6307206	0.7372249	0.8569241	3.3622179
2402000000	0.942477796	1.93731547	-3.020691825	-4.530997467	-2.773997885	-1.16242616	0.7062613	0.5935402	0.7266079	0.8747394	3.2308001
2402000000	0.942477796	1.989675347	-3.103119742	-5.204963036	-3.078668974	-1.106872369	0.6995907	0.549227	0.7015628	0.8803521	3.0173767
2402000000	0.942477796	2.042035225	-3.128985302	-5.970661287	-3.613626714	-1.285885278	0.6975105	0.5028829	0.6965677	0.862394	2.678583
2402000000	0.942477796	2.094395102	-3.14164843	-6.763302872	-4.428849626	-1.78227258	0.6964943	0.4590234	0.6005615	0.8144898	2.1799856
2402000000	0.942477796	2.14675498	-3.179674585	-7.538111031	-5.569943752	-2.658405261	0.6934518	0.4198503	0.5266266	0.7363423	1.4973193
2402000000	0.942477796	2.199114858	-3.26831839	-8.304580483	-7.056512896	-3.965344701	0.6864097	0.384389	0.4437868	0.6343798	0.6203496
2402000000	0.942477796	2.251474735	-3.418336643	-9.128736782	-8.943681754	-5.746078208	0.6746572	0.3495933	0.3633135	0.5160551	-0.428998
2402000000	0.942477796	2.303834613	-3.630492238	-10.07901675	-10.33292765	-8.018716725	0.6583781	0.313364	0.3043362	0.3972502	-1.548975
2402000000	0.942477796	2.35619449	-3.903287351	-11.10709494	-10.75834453	-10.67494938	0.638022	0.2783846	0.2897896	0.2925853	-2.505833
2402000000	0.942477796	2.408554368	-4.239314686	-12.86357422	-9.794667922	-13.04514107	0.6138104	0.2551651	0.3237924	0.2227117	-3.002528
2402000000	0.942477796	2.460914245	-4.645865379	-11.734315	-8.30266593	-13.41816104	0.5857426	0.2589907	0.3844738	0.2133497	-2.837942
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2402000000	0.942477796	2.565634	-5.667972676	-9.068251477	-5.997284955	-9.040122149	0.5207165	0.3520363	0.5013439	0.3531782	-1.27337
2402000000	0.942477796	2.617993878	-6.221123675	-7.700258033	-5.430186138	-6.902093596	0.4885828	0.4120653	0.5351687	0.451747	-0.502475
2402000000	0.942477796	2.670353756	-6.708119082	-6.717939688	-5.256613476	-5.298340267	0.461949	0.4614241	0.5459707	0.5433541	-0.0594724
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2402000000	0.942477796	3.036872899	-11.95104566	-13.58115345	-17.30066864	-10.25131783	0.2526084	0.2093834	0.1364478	0.3072091	-6.881404
2402000000	0.942477796	3.089232776	-15.48406093	-17.41201016	-18.46044195	-13.61841287	0.1681888	0.1347099	0.1193927	0.2084872	-10.02306
2402000000	0.942477796	3.141592654	-20.78073489	-20.83728123	-16.5079867	-18.48822238	0.0914036	0.0980105	0.149486	0.1190115	-12.94263
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2402000000	0.942477796	3.036872899	-13.98000002	-15.30046761	-12.76389154	-15.61207858	0.1999862	0.1717816	0.2300411	0.1657281	-8.318614
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2402000000	0.942477796	2.303834613	-11.52067056	-5.15620225	-5.034138561	-6.254787945	0.2654401	0.5523189	0.5601355	0.5231257	-0.440866
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2402000000	0.994837674	2.984513021	-9.721117606	-10.73969779	-13.771274041	-7.77744341	0.3265458	0.2904124	0.2048502	0.4084396	-4.220746
2402000000	0.994837674	3.036872899	-11.80102679	-13.47023444	-17.1455061	-10.27353089	0.2570092	0.2120744	0.1389072	0.3064245	-6.797731
2402000000	0.994837674	3.089232776	-15.33082776	-17.24457	-18.42525363	-13.65916805	0.1711882	0.1373319	0.1198774	0.2075112	-9.952786
2402000000	0.994837674	3.141592654	-20.78073523	-20.83728094	-16.50798655	-18.48822244	0.0914036	0.0980105	0.1494861	0.1190151	-12.94263
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2402000000	0.994837674	2.9325153143	-8.167285497	-10.81579205	-10.93807497	-9.868893105	0.3905132	0.2878793	0.2838548	0.3560864	-3.620093
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2402000000	0.994837674	2.670353756	-5.613924142	-7.778428426	-6.47137153	-7.287723162	0.5239668	0.4084	0.4747133	0.4321294	-0.727975
2402000000	0.994837674	2.617993878	-5.975557669	-7.556593332	-5.931704993	-7.663417451	0.525996	0.4189579	0.5051435	0.4138368	-0.721705
2402000000	0.994837674	2.565634	-6.560200859	-7.19190937	-5.677444053	-7.685999077	0.4698832	0.4369226	0.5261721	0.4127623	-0.691187
2402000000	0.994837674	2.513274123	-7.37127941	-6.694723058	-5.357037582	-7.286641902	0.4279924	0.462262	0.5390737	0.4321832	-0.62142
2402000000	0.994837674	2.460914245	-8.382180784	-6.152004364	-5.246370069	-6.625407045	0.3809702	0.4924297	0.5466149	0.466369	-0.507709
2402000000	0.994837674	2.408554368	-9.46449725	-5.65994694	-5.166469111	-5.910758076	0.3363374	0.521195	0.5516647	0.5063632	-0.374684
2402000000	0.994837674	2.35619449	-10.28877766	-5.278727424	-5.099646976	-5.265183126	0.3058871	0.5445824	0.5559269	0.5454323	-0.211766
2402000000	0.994837674	2.303834613	-10.39522948	-5.023439363	-5.045119847	-4.715544855	0.3021611	0.5608259	0.5594278	0.5810624	0.0150876
2402000000	0.994837674	2.251474735	-9.66006169	-4.874240001	-5.020852551	-4.23162163	0.3288493	0.5705425	0.5609929	0.6143543	0.3186696
2402000000	0.994837674	2.199114858	-8.471048816	-4.790353407	-5.046516393	-3.76978279	0.3770922	0.5760794	0.5593349	0.6479043	0.6701269
2402000000	0.994837674	2.14675498	-7.25671248	-4.725129312	-5.128308281	-3.308507041	0.433675	0.5804216	0.5540955	0.6832421	1.0285851
2402000000	0.994837674	2.094395102	-6.237840858	-4.640021311	-5.250020367	-2.862161944	0.4876497	0.5861367	0.5463739	0.7192699	1.3616023
2402000000	0.994837674	2.042035225	-5.493388272	-4.513439411	-5.374564472	-2.468509293	0.5312887	0.5947142	0.5386067	0.7526179	1.6458478
2402000000	0.994837674	1.989675347	-5.046011504	-4.340529651	-5.450907239	-2.163931247	0.5593703	0.6066993	0.5338935	0.7794772	1.8664736
2402000000	0.994837674	1.93731547	-4.901949036	-4.124818447	-4.5325991	-1.963276312	0.5687253	0.6219552	0.53502	0.7976937	2.0191022
2402000000	0.994837674	1.884955592	-5.062496526	-3.86778898	-5.295010636	-1.85011833	0.5583097	0.6406348	0.5435625	0.8081539	2.1124547
2402000000	0.994837674	1.832595715	-5.518092738	-3.562942282	-5.044409926	-1.777082911	0.5297798	0.6635183	0.5594735	0.8149779	2.170453
2402000000	0.994837674	1.780235837	-6.220280094	-3.197518339							

2402000000	1.047197551	0.942477796	2.393564882	-0.812724621	-0.770112975	3.153246059	1.3172804	0.9106757	0.9151544	1.4376802	7.1982092
2402000000	1.047197551	0.994836764	2.333101541	-0.491979641	-0.713780026	3.205684859	1.3081426	0.944933	0.9211089	1.4463861	7.2733123
2402000000	1.047197551	1.047197551	2.249732479	-0.264803491	-0.68772041	3.196432125	1.2956468	0.9699734	0.9238766	1.4448462	7.2991635
2402000000	1.047197551	1.099557429	2.144175516	-0.139027966	-0.69976033	3.130363932	1.2799965	0.9841212	0.9225969	1.4338978	7.2733909
2402000000	1.047197551	1.151917306	2.019700799	-0.124774578	-0.757997584	3.013063076	1.2617841	0.9857375	0.9164317	1.4146635	7.194086
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2402000000	1.047197551	1.256637061	1.72300367	-0.46794451	-1.040045855	2.640814272	1.2194112	0.9475514	0.8871513	1.3553165	6.8670498
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2402000000	1.047197551	1.361356817	1.344908374	-1.30486877	-1.555048113	2.088902236	1.1674692	0.8605113	0.8360795	1.271877	6.3108783
2402000000	1.047197551	1.413716694	1.106878219	-1.851447851	-1.881267464	1.735760775	1.13591	0.8080302	0.8052609	1.2121035	5.9560954
2402000000	1.047197551	1.466076572	0.824508022	-2.403232147	-2.224288463	1.320510131	1.0995764	0.7582953	0.7740795	1.1641944	5.5662574
2402000000	1.047197551	1.518436449	0.491329552	-2.869559059	-2.548293177	0.836359726	1.0581969	0.7186576	0.7457364	1.1010777	5.1623697
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2402000000	1.047197551	1.623156204	-0.335104081	-3.256379523	-2.973770763	-0.313294446	0.9621545	0.6873549	0.7100868	0.9645734	4.4130635
2402000000	1.047197551	1.675516082	-0.820692877	-3.184656171	-3.021161741	-0.909536086	0.9098407	0.6930542	0.7062231	0.9050819	4.1086885
2402000000	1.047197551	1.72787596	-1.339470869	-3.043844014	-2.96898517	-1.421118386	0.8570901	0.7043813	0.7104782	0.8490711	3.8653329
2402000000	1.047197551	1.780235837	-1.869717402	-2.933831047	-2.863746841	-1.753393879	0.8063324	0.7133595	0.7191387	0.8172037	3.6825646
2402000000	1.047197551	1.832595715	-2.379177151	-2.930468362	-2.76871221	-1.856476386	0.7603983	0.7136357	0.7270494	0.8075626	3.546822
2402000000	1.047197551	1.884955592	-2.826898955	-3.077520835	-2.749247557	-1.778212328	0.722196	0.7106555	0.7286813	0.814872	3.4269359
2402000000	1.047197551	1.93731547	-3.172273459	-3.388611936	-2.864362584	-1.651657111	0.6940429	0.67697	0.7190877	0.8268317	3.2797272
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2402000000	1.047197551	2.251474735	-3.436852403	-6.92775309	-8.458243965	-6.633719502	0.6732206	0.4504415	0.3776485	0.4659229	-0.143601
2402000000	1.047197551	2.303834613	-3.513452673	-7.62478206	-9.822605666	-8.973448473	0.6673906	0.4156817	0.3302704	0.3558997	-1.065251
2402000000	1.047197551	2.35619449	-3.679072317	-8.450467807	-9.792507334	-11.4772605	0.6547061	0.3739868	0.3238729	0.2669082	-1.811693
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2402000000	1.047197551	2.513274123	-4.942487467	-10.5332797	-6.488410991	-10.49179478	0.5660772	0.2973966	0.473783	0.2988204	-1.744524
2402000000	1.047197551	2.565634	-5.658151008	-10.0857425	-5.634057041	-8.262204449	0.5213057	0.3131215	0.5227537	0.3862689	-1.192411
2402000000	1.047197551	2.617993878	-6.45755542	-9.122971527	-5.131028414	-6.350676852	0.475469	0.3498255	0.553922	0.4813557	-0.627669
2402000000	1.047197551	2.670353756	-7.202851475	-8.1173367	-4.987331449	-4.912312727	0.4363726	0.3927655	0.5631621	0.5680471	-0.17394
2402000000	1.047197551	2.722713633	-7.717682923	-7.375576157	-5.211081429	-4.001712172	0.4112594	0.4277807	0.5488402	0.630833	0.0808931
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2402000000	1.047197551	2.827433388	-7.956746466	-7.144875469	-6.487899502	-3.838101081	0.4000946	0.439295	0.4531636	0.6428282	-0.285269
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2402000000	1.099557429	1.518436449	0.680645613	-2.315277659	-2.891087151	0.875456623	1.0815143	0.766013	0.7168786	1.1060451	5.2737888
2402000000	1.099557429	1.570796327	0.323324662	-2.762646239	-3.196534082	0.276922427	1.0379256	0.7275581	0.6921071	1.0323955	4.8358747
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2402000000	1.099557429	1.675516082	-0.561608251	-3.090446532	-3.469975899	-1.060236866	0.9373884	0.7006122	0.6706581	0.8850915	4.065419
2402000000	1.099557429	1.72787596	-1.078940831	-3.023751196	-3.346427492	-1.654484563	0.8831876	0.7060126	0.6732535	0.8265626	3.7758041
2402000000	1.099557429	1.780235837	-1.627586927	-2.92362634	-3.459909441	-2.058267117	0.8291262	0.7141981	0.6803	0.7890175	3.55835
2402000000	1.099557429	1.832595715	-2.180402474	-2.882339379	-3.266613048	-2.208450908	0.7780005	0.717601	0.6865455	0.7754922	3.3983042
2402000000	1.099557429	1.884955592	-2.697735329	-2.962064527	-3.266641948	-2.152619304	0.730156	0.7110445	0.6865407	0.780493	3.2605242
2402000000	1.099557429	1.93731547	-3.132137062	-3.19091157	-3.406082777	-2.035065829	0.6927574	0.6925552	0.6756097	0.7911279	3.0962375
2402000000	1.099557429	1.989675347	-3.442135429	-3.565827427	-3.734796607	-2.022862863	0.6728112	0.6632979	0.6505193	0.7922402	2.8567602
2402000000	1.099557429	2.042035225	-3.610506838	-4.056754205	-4.294373516	-2.25338873	0.6598947	0.6268481	0.6099319	0.7715793	2.5039433
2402000000	1.099557429	2.094395102	-3.654041247	-4.614315208	-5.114776127	-2.521971647	0.6565956	0.587874	0.5547875	0.7227934	2.0144753
2402000000	1.099557429	2.14675498	-3.616101461	-5.186689423	-6.215752931	-3.790756561	0.6594698	0.5503837	0.4887914	0.6463417	1.3822072
2402000000	1.099557429	2.199114858	-3.549049435	-5.74569964	-5.505951696	-5.208625723	0.6645804	0.5160778	0.4192474	0.5859954	0.6237283
2402000000	1.099557429	2.251474735	-3.500619639	-6.308061209	-8.914891307	-7.080793888	0.6682962	0.4837232	0.3583071	0.4425479	-0.207113
2402000000	1.099557429	2.303834613	-3.510558139	-6.932693309	-9.82774793	-9.306085555	0.667532	0.4501584	0.3227473	0.3425277	-0.997742
2402000000	1.099557429	2.35619449	-3.61429155	-7.690261692	-9.741585795	-11.442214	0.6596073	0.4125596	0.3257772	0.2678516	-1.588165
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2402000000	1.099557429	2.513274123	-4.835136331	-10.38648911	-6.456017842	-9.767776456	0.5731169	0.3024653	0.4755532	0.3247964	-1.535473
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2402000000	1.151917306	3.141592654	-20.7807352	-20.83728102	-16.50798661	-18.48822239	0.0914036	0.0908105	0.1494861	0.1190151	-12.94263
2402000000	1.151917306	3.141592654	-20.7807352	-20.83728102	-16.50798661	-18.48822239	0.0914036	0.0908105	0.1494861	0.1190151	-12.94263
2402000000	1.151917306	3.141592654	-20.7807352	-20.83728102	-16.50798661	-18.48822239	0.0914036	0.0908105	0.1494861	0.1190151	-12.94263
2402000000	1.151917306	3.141592654	-20.7807352	-20.83728102	-16.50798661	-18.48822239	0.0914036	0.0908105	0.1494861	0.1190151	-12.94263
2402000000	1.151917306	3.141592654	-20.7807352	-20.83728102	-16.50798661	-18.48822239	0.0914036	0.0908105	0.1494861	0.1190151	-12.94263
2402000000	1.151917306	3.141592654	-20.7807352	-20.83728102	-16.50798661	-18.48822239	0.0914036	0.0908105	0.1494861	0.1190151	-12.94263
2402000000	1.151917306	3.141592654	-20.7807352	-20.83728102	-16.50798661	-18.48822239	0.0914036	0.0908105	0.1494861	0.1190151	-12.94263
2402000000	1.151917306	3.141592654	-20.7807352	-20.83728102	-16.50798661	-18.48822239	0.0914036	0.0908105	0.1494861	0.1190151	-12.94263
2402000000	1.151917306	3.141592654	-20.7807352	-20.83728102	-16.50798661	-18.48822239	0.0914036	0.0908105	0.1494861	0.1190151	-12.94263
2402000000	1.151917306	3.141592654	-20.7807352	-20.83728102	-16.50798661	-18.48822239	0.0914036	0.0908105	0.1494861	0.1190151	-12.94263
2402000000	1.151917306	3.141592654	-20.7807352	-20.83728102	-16.50798661	-18.48822239	0.0914036	0.0908105	0.1494861	0.1190151	-12.94263
2402000000	1.151917306	3.141592654	-20.7807352	-20.83728102	-16.50798661	-18.48822239	0.0914036	0.0908105	0.1494861	0.1190151	-12.94263
2402000000	1.151917306	3.141592654	-20.7807352	-20.83728102	-16.50798661	-18.48822239	0.0914036	0.0908105	0.1494861	0.1190151	-12.94263
2402000000	1.151917306	3.141592654	-20.7807352	-20.83728102	-16.50798661	-18.48822239	0.0914036	0.0908105	0.1494861	0.1190151	-12.94263
2402000000	1.151917306	3.141592654	-20.7807352	-20.83728102	-16.50798661	-18.48822239	0.0914036	0.0908105	0.1494861	0.1190151	-12.94263
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2402000000	1.151917306	3.141592654	-20.7807352	-20.83728102	-16.50798661	-18.48822239	0.0914036	0.0908105	0.1494861	0.1190151	-12.94263
2402000000	1.151917306	3.141592654	-20.7807352	-20.83728102	-16.50798661						

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2402000000	1.204277184	0.680678408	2.255246903	-3.806790246	-1.011825345	2.146390231	1.2964696	0.6451497	0.8900384	1.2803229	6.2604212
2402000000	1.204277184	0.733088286	2.130880192	-3.086211003	-0.996390546	2.420107811	1.2780387	0.7009539	0.8916214	1.321312	6.4276723
2402000000	1.204277184	0.785398163	2.060203266	-2.405040001	-1.011234199	2.697116597	1.2676815	0.7581375	0.890099	1.3641302	6.6083734
2402000000	1.204277184	0.847575804	2.033501138	-1.781672401	-1.044824318	2.949697645	1.2637904	0.8145474	0.8866634	1.4404308	6.7878005
2402000000	1.204277184	0.890117919	2.032578748	-1.221774043	-1.084977387	3.154106964	1.2635652	0.8668783	0.882574	1.4378227	6.9521339
2402000000	1.204277184	0.942477796	2.038544856	-0.726898023	-1.122413613	3.294517676	1.2645245	0.9197189	0.8787783	1.4612546	7.0903823
2402000000	1.204277184	0.994837674	2.037133247	-0.299141853	-1.153788287	3.363872255	1.264319	0.9661463	0.8756097	1.472969	7.1948696
2402000000	1.204277184	1.047719551	2.020558681	0.056673771	-1.183250346	3.362528692	1.2619087	1.0054661	0.8726448	1.4727142	7.2606522
2402000000	1.204277184	1.099557429	1.986636521	0.332275045	-1.212922297	3.2956557	1.25699	1.0389957	0.8687681	1.461446	7.283888
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2402000000	1.204277184	1.308996939	1.694022719	0.38278119	-1.783694312	2.489578744	1.2153494	1.0450548	0.8143578	1.3319224	6.8616391
2402000000	1.204277184	1.361356817	1.572131618	0.073152013	-2.083391846	2.154532245	1.1984132	1.0084575	0.7867385	1.2815236	6.5983923
2402000000	1.204277184	1.413716694	1.417825621	-0.372334074	-2.445677467	1.746515524	1.1773112	0.9580392	0.7545988	1.2227165	6.2618685
2402000000	1.204277184	1.466076572	1.222155486	-0.936538571	-2.851165479	1.246702547	1.151086	0.8977865	0.7201811	1.1543437	5.8526458
2402000000	1.204277184	1.518436449	0.976847153	-1.579758376	-3.267663688	0.08352132	1.1190316	0.8337004	0.6864625	1.076261	5.3796507
2402000000	1.204277184	1.570796327	0.675269156	-2.23610582	-3.563694993	-0.08285124	1.0808451	0.7732492	0.6566217	0.9905067	4.8637949
2402000000	1.204277184	1.623156204	0.312968808	-2.806255745	-3.968979834	-0.893808826	1.0366889	0.7239144	0.6332147	0.902214	4.3392825
2402000000	1.204277184	1.675516082	-0.111925027	-3.211812655	-4.190646453	-1.72537654	0.9871968	0.6908907	0.6172594	0.8198457	3.8490981
2402000000	1.204277184	1.72787596	-0.597898485	-3.417466861	-4.326839564	-2.452069932	0.9334801	0.6747248	0.6076563	0.7540437	3.434251
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2402000000	1.204277184	1.832595715	-1.717915823	-3.45800574	-4.523555021	-3.071661421	0.8205484	0.671583	0.594049	0.702129	2.8862195
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2402000000	1.204277184	2.460914245	-4.051252072	-9.140599856	-9.696612108	-9.696612108	0.6272453	0.3941162	0.3985175	0.3274684	-1.399636
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2402000000	1.256637061	1.413716694	1.458179966	-0.205698764	-2.434275256	1.596925751	1.1827937	0.9765362	0.7555901	1.201839	6.2706356
2402000000	1.256637061	1.46076572	1.284351188	-0.730478907	-1.057832412	1.597832412	1.159358	0.9193398	0.7228023	1.129514	5.869492
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2402000000	1.256637061	1.623156204	0.438733293	-2.73060854	-0.280860109	-1.250732209	1.0518085	0.7302466	0.6288644	0.8658913	4.2884275
2402000000	1.256637061	1.675516082	0.034309434	-3.287926888	-3.448803347	-2.125866104	1.0039578	0.6848629	0.6061217	0.7829007	3.7443298
2402000000	1.256637061	1.72787596	-0.433075694	-3.657807921	-4.611640022	-2.858255886	0.9513629	0.6563109	0.5880551	0.7195935	3.2731316
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2402000000	1.256637061	1.832595715	-1.53483143	-3.898906812	-5.098226056	-3.361706686	0.8380278	0.6383438	0.5560178	0.6790702	2.6434629
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2402000000	1.308969639	3.036872899	-11.26525884	-12.91187024	-16.05996655	-10.68010007	0.2736313	0.2261552	0.1567532	0.2924119	-6.478191
2402000000	1.308969639	3.089232776	-16.4261835	-17.94212517	-14.08063648	-12.34372231	0.1843316	0.1509006	0.1267342	0.1976825	-9.634344
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2402000000	1.361356817	-3.141592654	-20.78073503	-20.83728111	-16.50798667	-18.48822271	0.0914036	0.0908105	0.1494861	0.1190115	-12.94263
2402000000	1.361356817	-3.089232776	-18.56933043	-21.00963692	-14.43527278	-19.22010046	0.1179053	0.0890263	0.1897748	0.1093944	-11.93586
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2402000000	1.361356817	-2.670353756	-9.348967143	-10.52453953	-8.56559751	-9.64344494	0.3408409	0.297696	0.3730097	0.329479	-3.471859
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2402000000	1.361356817	-2.408554368	-5.866068967								

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2402000000	1.361356817	0.366519143	2.910126868	-0.410430878	-1.635291576	0.638623996	1.3979973	0.6293989	0.8283911	1.0762947	5.8730443
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2402000000	1.361356817	0.471238889	2.770162573	-4.736601896	-1.441595282	1.006482594	1.3756506	0.5796554	0.8470718	1.1228562	5.8567111
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2402000000	1.413716694	1.047197551	1.327050287	-0.500356555	-1.968702562	2.75211027	1.1650713	0.9440222	0.7971956	1.3727944	6.6064154
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2402000000	1.413716694	1.151917306	1.397487354	-0.104235501	-1.845895777	2.528670592	1.1745577	0.9807014	0.8085469	1.3379304	6.6671145
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2402000000	1.413716694	1.256637061	1.444137491	0.074153886	-1.899631408	2.607985712	1.180883	1.0085738	0.8035602	1.2688179	6.5713326
2402000000	1.413716694	1.308996939	1.440708603	0.056876548	-2.058501426	1.738998715	1.1804169	1.0056696	0.7889962	1.2215687	6.439507
2402000000	1.413716694	1.361356817	1.40520799	-0.053835896	-2.32605099	1.330003758	1.1756022	0.9938211	0.7650634	1.1654676	6.2349804
2402000000	1.413716694	1.413716694	1.326712195	-0.275818171	-2.708945401	0.827855476	1.1656206	0.9687441	0.7320702	1.1000002	5.9461051
2402000000	1.413716694	1.466076572	1.195908251	-0.622887517	-3.206783023	2.24606314	1.1476129	0.9307984	0.6912909	1.026196	5.5656912
2402000000	1.413716694	1.518436449	1.005897362	-1.099558916	-3.811095529	-0.471406221	1.1227805	0.8810909	0.64483	0.9471738	5.0954923
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2402000000	1.413716694	2.042035225	-4.152415037	-4.95088616	-8.339277977	-2.807021068	0.6199822	0.5655301	0.3828566	0.7238506	1.1845241
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2402000000	1.466076572	2.879793266	-9.983985041	-8.498604836	-7.26477156	-5.700432065	0.3168114	0.3738978	0.3661647	0.5187742	-2.060398
2402000000	1.466076572	2.932153143	-9.337649503	-9.121542988	-10.28814546	-6.939651429	0.3412853	0.349883	0.3059093	0.4497979	-2.811977
2402000000	1.466076572	2.984513021	-9.650518327	-10.4495108	-12.61824422	-8.764196566	0.3292108	0.3002786	0.2339299	0.368375	-4.209835
2402000000	1.466076572	3.036872899	-11.17993349	-12.67492115	-15.57630709	-11.07279669	0.2760599	0.2324095	0.166412	0.2794861	-6.426287
2402000000	1.466076572	3.089232776	-14.53154019	-16.12556116	-17.5835397	-14.415615	0.1876822	0.1562147	0.1320481	0.1902038	-9.549175
2402000000	1.466076572	3.141592654	-20.78073512	-20.83728115	-16.50798674	-18.48822234	0.0914036	0.0908105	0.149486	0.1190115	-12.94263
2402000000	1.518436449	-3.141592654	-20.78073504	-20.83728104	-16.50798656	-18.48822258	0.0914036	0.0908105	0.1494861	0.1190115	-12.94263
2402000000	1.518436449	-3.089232776	-18.34922881	-22.20822537	-14.47276563	-18.59798553	0.1209313	0.0775512	0.1889564	0.117517	-11.95553
2402000000	1.518436449	-3.036872899	-12.25553589	-18.4926115	-13.0071287	-15.28347197	0.2439064	0.1189514	0.2236885	0.172118	-8.419607
2402000000	1.518436449	-2.984513021	-8.853659189	-15.77191305	-12.25932996	-12.86515349	0.360842	0.1627063	0.2437999	0.2273748	-6.066557
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2402000000	1.518436449	-2.722713633	-8.04646791	-12.39158006	-10.27						

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2402000000	1.518436449	0.104719755	0.042743544	-0.791815464	-1.053104715	0.134150178	1.0049332	0.128706	0.8858185	1.0155645	5.6188181
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2402000000	1.518436449	0.680678408	1.275263271	-2.694040634	-1.756078908	1.367635418	1.1581456	0.7333275	0.8169511	1.1705279	5.7536884
2402000000	1.518436449	0.733038286	1.0460424	-2.258910518	-1.814666861	1.60682887	1.1279819	0.7710002	0.8114591	1.20321	5.8310425
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2402000000	1.518436449	0.837758041	0.831023872	-1.386676571	-1.937314957	2.001115386	1.1004016	0.8524466	0.8000815	1.2590871	6.0466506
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2402000000	1.518436449	3.141592654	-20.78073494	-20.83728074	-16.50798677	-18.48822255	0.0914036	0.0908105	0.149486	0.1190115	-12.94263
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2402000000	1.623156204	2.460914245	-4.93662738	-8.852126353	-14.14395608	-5.89790076	0.5664592	0.3690957	0.1962466	0.5071133	-1.772987
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2402000000	1.623156204	2.565634	-6.19358814	-9.012724687	-15.7888434	-5.043038558	0.4901405	0.354294	0.1623895	0.5959518	-0.122625
2402000000	1.623156204	2.617993878	-7.740708139	-8.629062233	-12.71456327	-4.984523273	0.4101707	0.3702942	0.2313512	0.5633442	-0.274105
2402000000	1.623156204	2.670353756	-10.02332326	-8.182705489	-10.37109063	-5.105042545	0.3153798	0.3898205	0.303002	0.5555816	-0.137065
2402000000	1.623156204	2.722713633	-12.70967171	-7.79687301	-8.292152768	-5.349355112	0.2314816	0.407527	0.3577193	0.5401722	-0.287687
2402000000	1.623156204	2.775073511	-13.8516186	-7.56629293	-8.24836127	-5.689717031	0.202964	0.4184741	0.386885	0.5194146	-0.339624
2402000000	1.623156204	2.827433388	-12.32866335	-7.585338542	-8.24323307	-6.151161609	0.2418616	0.4175736	0.3871095	0.4925405	-0.275347
2402000000	1.623156204	2.879793266	-10.52508478	-7.953219199	-8.895219047	-6.817680477	0.2976773	0.4002571	0.3591195	0.5451587	-0.24226
2402000000	1.623156204	2.923153143	-9.600576162	-8.783017422	-10.2402013	-7.821134967	0.3311092	0.3637886	0.3076026	0.4063902	-0.304305
2402000000	1.623156204	2.984513021	-9.754753852	-10.21689569	-12.3399588	-9.335018143	0.3252837	0.308429	0.2415472	0.3413887	-0.317297
2402000000	1.623156204	3.036872899	-11.18358944	-12.46694156	-15.07821232	-11.58876533	0.2759437	0.2380461	0.1762339	0.2633672	-0.433398
2402000000	1.623156204	3.089232776	-14.47605493	-15.89213941	-17.1955271	-14.84112073	0.1888849	0.1604697	0.1381095	0.1811106	-0.5176
2402000000	1.623156204	3.141592654	-20.78073517	-20.83728098	-16.50798663	-18.48822245	0.0914036	0.0908105	0.1494861	0.1190115	-12.94263
2402000000	1.623156204	3.141592654	-20.78073525	-20.83728064	-16.50798664	-18.48822242	0.0914036	0.0908105	0.1494861	0.1190115	-12.94263
2402000000	1.623156204	3.089232776	-18.25586738	-23.65482223	-14.50921472	-17.99752653	0.1222381	0.0656357	0.1881652	0.1259284	-12.00678
2402000000	1.623156204	3.036872899	-12.04213392	-19.84638031							

2402000000	1.675516082	-0.314159265	-10.27261173	0.490598202	0.554640808	-1.700621337	0.3064569	1.0581078	1.0659382	0.8221838	4.2242449
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2402000000	1.675516082	-0.20943951	-10.94040648	0.674548551	0.460773256	-1.170139226	0.2837786	1.0807554	1.0544808	0.8739663	4.3311762
2402000000	1.675516082	-0.157079633	-9.516072105	0.648659557	0.316603308	-0.770634692	0.3343462	1.0775399	1.0371228	0.9150994	4.5100988
2402000000	1.675516082	-0.104719755	-7.400601614	0.534793634	0.107258608	-0.391196355	0.42655	1.0635054	1.0124252	0.955961	4.5757068
2402000000	1.675516082	-0.052359878	-5.148397137	0.33712287	-0.159232549	-0.094079843	0.5528154	1.0395578	0.9818344	0.9892271	5.01682
2402000000	1.675516082	-4.444-16	-3.086594061	0.067566637	-0.468655298	0.084566237	0.700923	1.0078092	0.9474738	1.0097836	5.2632246
2402000000	1.675516082	0.052359878	-1.340439504	-0.255990525	-0.802079014	0.133292131	0.8569945	0.9709581	0.9117926	1.0154642	5.472083
2402000000	1.675516082	0.104719755	-0.065041111	-0.611989178	-1.138527249	0.062017807	1.0075162	0.931967	0.8771495	1.01071656	5.6292998
2402000000	1.675516082	0.157079633	1.144217792	-0.977593317	-1.4583245	-0.101120826	1.1408036	0.893553	0.8454419	0.9884255	5.7296326
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2402000000	1.675516082	0.366519143	2.785632657	-2.105945942	-2.333316503	-0.716880119	1.3781029	0.7846983	0.7644238	0.9207802	5.684113
2402000000	1.675516082	0.41887902	2.685333995	-2.203254159	-2.423609548	-0.646415857	1.362281	0.7759564	0.7565184	0.9282805	5.6275684
2402000000	1.675516082	0.471238898	2.448778559	-2.191027036	-2.457697582	-0.46973941	1.3256807	0.7770494	0.7535553	0.9473556	5.5833905
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2402000000	1.675516082	0.575958653	1.734241415	-1.82049713	-2.367246722	0.066904431	1.2209899	0.8109146	0.7614435	1.0077324	5.5775412
2402000000	1.675516082	0.628318531	1.351149564	-1.485759642	-2.257078808	0.367617545	1.1683083	0.8427757	0.7711628	1.0420316	5.6303901
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2402000000	1.675516082	0.730382826	0.752334174	-0.657657319	-1.954410159	0.875634333	1.0904775	0.9270798	0.7985084	1.060677	5.8498474
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2402000000	1.675516082	1.466076572	0.580879082	-0.776737367	-3.227181339	-1.194323055	1.0691631	0.9144557	0.674317	0.871533	4.9359303
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2402000000	1.675516082	1.623156204	-0.184398838	-2.910139083	-7.16794508	-1.287613381	0.9789941	0.7153079	0.4381298	0.8622225	3.5063337
2402000000	1.675516082	1.675516082	-0.622093599	-3.848493965	-9.083500416	-1.202787752	0.9308835	0.6420595	0.3514188	0.8706841	2.907179
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2402000000	1.675516082	2.670353756	-10.40646634	-7.481690572	-10.2540676	-5.30603151	0.3017704	0.4225864	0.3071119	0.5290173	-2.155403
2402000000	1.675516082	2.722713633	-13.14041069	-7.185557395	-8.898746595	-5.912258804	0.2202822	0.4372423	0.3589737	0.5062757	-2.367891
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2402000000	1.72787596	0.471238898	2.434752059	-1.779989592	-2.704099215	-0.794893465	1.3235416	0.8147053	0.7324788	0.9125472	5.5367353
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2402000000	1.72787596	0.680678408	1.014097337	-0.556385369	-2.202283365	0.314392282	1.123841	0.9379523	0.7760431	1.0368588	5.7441508
2402000000	1.72787596	0.733038286	0.754189771	-0.122973352	-1.952682565	0.561738217	1.0907105	0.9859419	0.7986672	1.067473	5.8954789
2402000000	1.72787596	0.785398163	0.581358242	0.300079363	-1.693254062	0.780600017	1.0692221	1.0355116	0.8228842	1.0940319	6.0667076
2402000000	1.72787596	0.837758041	0.486363154	0.68609139	-1.240370292	0.946197952	1.057592	1.0821926	0.8471913	1.1150899	6.2394527
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2402000000	1.72787596	0.942477796	0.435928379	1.270809718	-1.005941158	1.097726759	1.0514689	1.1575519	0.8906415	1.1347138	6.5151888
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2402000000	1.72787596	1.099557429	0.442853317	1.545801101	-0.699609051	0.780894486	1.0523075	1.1947858	0.922613	1.094069	6.5752863
2402000000	1.72787596	1.151917306	0.45562812	1.47252701	-0.732338234	0.530787152	1.0538563	1.184749	0.919143	1.0630149	6.4872199
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2402000000	1.780235837	2.251474735	-7.062260555	-3.868760566	-7.522446558	-10.39306602	0.4434932	0.6405632	0.4206081	0.3763004	-0.532986
2402000000	1.780235837	2.303834613	-6.564033507	-5.424536986	-7.923886259	-7.153447288	0.469676	0.5939818	0.4016111	0.4388617	-0.426666
2402000000	1.780235837	2.35619449	-6.0913096	-5.418582704	-6.868133881	-6.052440645	0.4959461	0.5358841	0.3686322	0.4980577	-0.452296
2402000000	1.780235837	2.408554368	-5.810703049	-6.373135057	-6.984002719	-5.313059507	0.5122298	0.4801128	0.3279441	0.5424342	-0.617644
2402000000	1.780235837	2.460914245	-5.844307569	-7.098981284	-6.945032578	-6.07689775	0.5102519	0.4416222	0.2908407	0.5659113	-0.873624
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2402000000	1.780235837	2.565634	-7.26306966	-7.116808694	-10.96959295	-5.275983732	0.4333577	0.4047168	0.2828267	0.5447545	-1.403167
2402000000	1.780235837	2.617993878	-8.868285554	-6.689912645	-9.999685353	-5.893133813	0.3602348	0.4629183	0.3162392	0.5073916	-1.687867
2402000000	1.780235837	2.670353756	-11.1644658	-6.313839793	-8.953510577	-6.661214113	0.2765519	0.4834015	0.3567179	0.4644503	-2.041294
2402000000	1.780235837	2.722713633	-13.62859508	-6.130747574	-8.197126701	-7.364001368	0.2082429	0.4936994	0.3894159	0.4283511	-2.385389
2402000000	1.780235837	2.775073511	-14.14015141	-6.203685116	-7.862297593	-7.807308912	0.1963326	0.4895711	0.4044689	0.4070376	-2.513784
2402000000	1.780235837	2.827433388	-12.3444593	-6.567816344	-8.027643149	-8.019865959	0.2412421	0.4694714	0.3968422	0.3971977	-2.470254
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2402000000	1.780235837	2.932151343	-9.68495169	-8.361533355	-10.04729209	-8.875483237	0.3279083	0.3818769	0.3145107	0.3599365	-3.19642
2402000000	1.780235837	2.984513021	-9.849684808	-9							

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2402000000	1.832595715	-0.575958653	-1.47346235	-0.693848361	0.599607088	0.226488026	0.8439698	0.9232251	1.0714708	1.0264183	5.7225788
2402000000	1.832595715	-0.523598776	-3.044700188	-0.775202051	0.616550272	-0.253446088	0.7043118	0.9146183	1.0735629	0.9712425	5.2578827
2402000000	1.832595715	-0.471238898	-4.886956599	-0.713131466	0.666089322	-0.726095297	0.5697078	0.9211777	1.0797034	0.9198039	4.8368662
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2402000000	1.832595715	-0.261799388	-11.36438697	0.181392275	0.750313333	-1.391404731	0.2702593	1.0221031	1.0902238	0.8519807	4.1730373
2402000000	1.832595715	-0.20943951	-10.95179743	0.309359813	0.63963577	-1.108039784	0.2834067	1.0388384	1.0763863	0.8802337	4.2938713
2402000000	1.832595715	-0.157079633	-9.455824799	0.393929569	0.45429473	-0.738278964	0.3366734	1.046397	1.0536946	0.9185146	4.4939741
2402000000	1.832595715	-0.104719755	-7.342777308	0.365448635	0.19884899	-0.372215924	0.4293991	1.0429715	1.0231574	0.9580523	4.7447911
2402000000	1.832595715	-0.052359878	-5.119339546	0.251667276	-1.01493318	-0.08272789	0.5546679	1.0293981	0.986855	0.9095208	5.0119171
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2402000000	1.832595715	0.104719755	0.026487968	-0.42238483	-1.214615463	-0.001608183	1.0030542	0.9525346	0.8694993	0.9998149	5.6318085
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2402000000	1.832595715	0.20943951	1.869758078	-0.906908901	-1.925494403	-0.543975952	1.2401891	0.9008543	0.8011711	0.9392933	5.7594092
2402000000	1.832595715	0.261799388	2.38134237	-1.089688557	-2.260765363	-0.890352237	1.3154281	0.8820954	0.7708355	0.9025731	5.7357114
2402000000	1.832595715	0.314159265	2.661953583	-1.207992686	-2.75927144	-1.210655474	1.358619	0.8701625	0.7430254	0.8698958	5.669875
2402000000	1.832595715	0.366519143	2.744334585	-1.246538	-2.867817811	-1.441726503	1.3715661	0.8663095	0.7188017	0.8470705	5.5638082
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2402000000	1.884955592	0.107579633	1.063434436	-0.578331097	-1.614306066	-0.265958006	1.1302427	0.9355584	0.8303949	0.9698445	5.7247889
2402000000	1.884955592	0.20943951	1.837206626	-0.770909623	-1.983973277	-0.602097504	1.23555	0.9150704	0.7957952	0.933029	5.7547913
2402000000	1.884955592	0.261799388	2.352083545	-0.915471268	-2.350470047	-0.983416894	1.3110045	0.8996667	0.7629156	0.8929541	5.7265262
2402000000	1.884955592	0.314159265	2.640214986	-0.994917524	-2.711380455	-2.711380455	1.355223	0.8917726	0.731865	0.855768	5.653866
2402000000	1.884955592	0.366519143	2.734725014	-0.99511995	-3.047470632	-1.646676821	1.3700495	0.8917518	0.7040872	0.827306	5.5595203
2402000000	1.884955592	0.41887902	2.670214295	-0.905584906	-3.317523204	-1.810548054	1.3599117	0.9009916	0.6825333	0.811844	5.4772481
2402000000	1.884955592	0.471238898	2.483487087	-0.721826331	-3.465272523	-1.822193933	1.3309887	0.9202561	0.6710249	0.8107562	5.42062
2402000000	1.884955592	0.523598776	2.213871373	-0.448402593	-3.441691956	-1.700644465	1.2903085	0.9496856	0.6728456	0.8221816	5.425262
2402000000	1.884955592	0.575958653	1.902370508	-0.100332978	-2.336162412	-1.491113542	1.2448543	0.9885152	0.6891589	0.8422564	5.4494203
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2402000000	1.884955592	0.680678408	1.307323901	0.720770043	-2.428734936	-0.975194861	1.1624284	1.086522	0.7560722	0.8937998	5.798069
2402000000	1.884955592	0.730383286	1.079943348	1.138642593	-1.964225724	-0.019590262	1.132393	1.1400716	0.7976066	0.9512023	6.0012396
2402000000	1.884955592	0.785398163	0.913494359	1.529225495	-1.534117718	-0.466389282	1.1108994	1.1925079	0.8380967	0.9477211	6.2122204
2402000000	1.884955592	0.837758041	0.799820173	1.87500503	-1.179135098	-0.240845948	1.0964555	1.2409385	0.8737823	0.9726525	6.4108781
2402000000	1.884955592	0.890117919	0.721043512	2.163839208	-0.894647026	-0.051631538	1.0865562	1.2828975	0.9021269	0.9940733	6.5791124
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2402000000	1.884955592	0.994836764	0.592078774	2.542510684	-0.610472845	0.164746511	1.0705426	1.340064	0.9321297	1.0191482	6.7728832
2402000000	1.884955592	1.047197551	0.518852351	2.624916769	-0.598220752	0.181307994	1.0615553	1.3528381	0.9334455	1.0210932	6.7869061
2402000000	1.884955592	1.099557429	0.438814298	2.633683994	-0.666044669	0.149500464	1.0518183	1.3542043	0.926185	1.0173609	6.7483236
2402000000	1.884955592	1.151917306	0.359412824	2.568170843	-0.809609351	0.097131711	1.042247	1.3440287	0.9110024	1.0112455	6.6659965
2402000000	1.884955592	1.204277184	0.288923412	2.428309207	-0.092692297	0.062760387	1.033823	1.3225602	0.8885909	1.0072517	6.5517266
2402000000	1.884955592	1.256637061	0.230856759	2.214390303	-1.313449732	0.083360503	1.0269347	1.2903856	0.8596616	1.0096434	6.4166821
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2402000000	1.884955592	1.413716694	0.04214306	1.125016545	-2.589615172	0.492046554	1.0048637	1.1382845	0.7421971	1.0582842	5.8973223
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2402000000	1.884955592	1.570796327	-0.550027572	-0.747366968	-4.416397294	0.516695195	0.9386391	0.9717554	0.6014231	1.0612917	4.9075581
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2402000000	1.884955592	2.251474735	-6.730301355	-4.04517367	-8.20281935	-5.706879512	0.4607708	0.6276844	0.3889189	0.5183893	-0.018419
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2402000000	1.93731547	0.785398163	1.113539144	1.781048563	-1.537817242	-1.038710475	1.1367814	1.2275874	0.8377398	0.8872877	6.2125841
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2402000000	1.93731547	0.942477796	0.81492769	2.56801392	-0.729220059	-0.359527813	1.0983642	1.3440004	0.919473	0.9594528	6.6916773
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2402000000	1.93731547	1.204277184	0.294852542	2.580610356	-1.254970675	-0.201782212	1.0345289	1.3495949	0.8654689	1.023503	6.5868503
2402000000	1.93731547	1.256637061	0.194213903	2.378058632	-1.583109034	0.378159297	1.0226116	1.3149309	0.8333828	1.0449888	6.4672256
2402000000	1.93731547	1.308996939	0.09852066	2.106479664	-1.97554113	0.603416137	1.0114072	1.2744535	0.7965682	1.0719408	6.3495028
2402000000	1.93731547	1.361356817	-0.003160062	1.765389535	-2.428055045	0.842226958	0.9996363	1.2253763	0.7561314	1.0108218	6.1989147
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2402000000	1.93731547	1.675516082	-1.647381995	-2.07978545	-5.835291903	-0.103634906	0.8273288	0.7870652	0.5109406	0.9881395	3.8440452
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2402000000	1.93731547	1.832595715	-3.429768472	-5.500682602	-7.593383221	-2.822776805	0.6737699	0.5308427	0.4171871	0.7252388	1.3798062
2402000000	1.93731547	1.884955592	-4.102658287	-6.459305293	-8.157278362	-3.89464875	0.623544	0.4753732	0.3909634	0.6386556	0.5410211
2402000000	1.93731547	1.93731547	-4.773511023	-6.858901655	-8.65173877	-4.896281834	0.5771975	0.453999	0.3693287	0.5696055	-0.132943
2402000000	1.93731547	1.989675347	-5.405862769	-6.5759548	-9.005465719	-5.669965045	0.5366694	0.4690318	0.3545902	0.5205971	-0.533339
2402000000	1.93731547	2.042053225	-5.951623376	-5.867862575	-9.150221161	-6.058258784	0.539864	0.50887	0.3487297	0.4978369	-0.633036
2402000000	1.93731547	2.0943951	-6.357437761	-5.105737923	-9.064797901	-6.005613198	0.4809812	0.5553731	0.3521763	0.5008634	-0.493395
2402000000	1.93731547	2.14675498	-6.586077607	-4.534574458	-8.797818648	-5.612915524	0.4684855	0.5932958	0.3631692	0.5240277	-0.22446
2402000000	1.93731547	2.199114858	-6.642718996	-4.267721007	-8.44280904	-5.067161041	0.4654404	0.6118063	0.3783202	0.55801	0.0587643
2402000000	1.93731547	2.251474735	-6.582474193	-4.341105596	-8.091080399	-4.539701995	0.4686799	0.6065591	0.3939544	0.5929457	0.2661802
2402000000	1.93731547	2.303834613	-6.491621556	-4.377666422	-7.800059152	-4.145936224	0.4736079	0.5795844	0.4073775	0.6204449	0.3449028
2402000000	1.93731547	2.35619449	-6.462153373	-5.374160182	-7.584710802	-3.953909818	0.4752174	0.5386318	0.4176038	0.6343143	0.2810282
2402000000	1.93731547	2.408554368	-6.578875022	-6.063273601	-7.423294654	-4.006152079	0.4688741	0.4975495	0.425437	0.6305106	0.0966177
2402000000	1.93731547	2.460914245	-6.919906472	-6.515949279	-7.273029304	-4.33895034	0.4508216	0.4722832	0.4328611	0.6068097	-0.163187
2402000000	1.93731547	2.513274123	-7.561156491	-6.507667627	-7.095314794	-4.993520372	0.4187378	0.4727338	0.4418087	0.562761	-0.463644
2402000000	1.93731547	2.565634	-8.572551036	-6.102361339	-6.883003366	-6.011698183	0.3727112	0.4953155	0.452741	0.5005127	-0.813064
2402000000	1.93731547	2.617993878	-9.979554462	-5.577858134	-6.673039049	-7.396214522	0.316973	0.526147	0.4638185	0.4267655	-1.241101
2402000000	1.93731547	2.670353756	-11.60935372	-5.184197319	-8.986734132	-8.986734132	0.2627437				

2402000000	1.989675347	-0.942477796	3.230191785	1.712516185	1.188962921	2.737163198	1.4504728	1.2179398	1.1466956	1.3704341	8.2752837
2402000000	1.989675347	-0.890117919	3.068272128	1.53760228	1.223716092	2.543066575	1.423684	1.1936586	1.1512928	1.3401497	8.1457529
2402000000	1.989675347	-0.837758041	2.744433351	1.251481832	1.209307222	2.316925696	1.3715817	1.154979	1.1493846	1.3057087	7.9268711
2402000000	1.989675347	-0.785398163	2.244888811	0.860494014	1.159303693	2.051051265	1.2949244	1.1041414	1.1427867	1.2663465	7.6190488
2402000000	1.989675347	-0.733038286	1.552592617	0.386044219	1.090474235	1.735682297	1.1957204	1.0544475	1.1337667	1.2211925	7.2272406
2402000000	1.989675347	-0.680678408	0.647987243	-0.130579311	1.021033938	1.363314163	1.0774555	0.9850789	1.1247389	1.1699457	6.763588
2402000000	1.989675347	-0.628318531	-0.489610333	-0.626205356	0.967833674	0.932394832	0.9451908	0.9304429	1.117871	1.1133193	6.2495219
2402000000	1.989675347	-0.575958653	-1.878490078	-1.02293827	0.94685676	0.40509522	0.8055185	0.8889004	1.1146391	1.0532459	5.7163287
2402000000	1.989675347	-0.523598776	-3.525625098	-1.250290237	0.948814973	-0.061528063	0.6663751	0.8659354	1.115426	0.9929414	5.2030449
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2402000000	1.989675347	-0.261799388	-11.29079878	-0.246481839	0.944581023	-1.338518943	0.2725587	0.9720216	1.1148824	0.857184	4.1274672
2402000000	1.989675347	-0.20943951	-10.73030905	-0.016214079	0.975364688	-1.068581054	0.2907265	0.998135	1.0958932	0.8842416	4.2676886
2402000000	1.989675347	-0.157079633	-9.211341332	0.1301853	0.569523746	-0.706961441	0.3462844	1.015101	1.0677662	0.9218323	4.2848247
2402000000	1.989675347	-0.104719755	-7.165697756	0.186991365	0.27285497	-0.347642512	0.4382431	1.0217616	1.0319122	0.9607666	4.7425354
2402000000	1.989675347	-0.052359878	-5.036252442	0.160850975	0.10798013	-0.067674653	0.5599992	1.0186912	0.9908342	0.9922389	5.0120177
2402000000	1.989675347	-4.444-16	-3.086594267	0.06756683	-0.468656309	-0.064565969	0.700923	1.0078093	0.9474737	1.0097836	5.2632245
2402000000	1.989675347	0.052359878	-1.424003111	-0.07091657	-0.872773273	0.089002261	0.8487892	0.9918667	0.9044016	1.0102994	5.4724292
2402000000	1.989675347	0.104719755	-0.073292014	-0.229624593	-1.078497159	-0.051798225	0.9915974	0.9739099	0.8631279	0.9940543	5.6267805
2402000000	1.989675347	0.157079633	0.976176671	-0.383603628	-1.6830241757	-0.319427176	1.1189452	0.956799	0.8238512	0.9638926	5.718987
2402000000	1.989675347	0.20943951	1.748862659	-0.510294521	-0.392391186	-0.685158276	1.223047	0.9429426	0.7858333	0.9241492	5.747013
2402000000	1.989675347	0.261799388	2.27446002	-0.590642265	-2.184434327	-1.112207504	1.2993406	0.9342603	0.7483036	0.8798115	5.7150066
2402000000	1.989675347	0.314159265	2.58498203	-0.609042695	-2.955491364	-1.554659649	1.3466235	0.9322832	0.7115459	0.8631169	5.6356128
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2402000000	1.989675347	0.471238898	2.570971053	-0.193493488	-3.917596355	-2.444813077	1.3444621	0.9779695	0.6369718	0.7546739	5.3764188
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2402000000	1.989675347	0.628318531	1.900465378	0.844545617	-3.136820729	-2.312524243	1.2445813	1.021159	0.6968815	0.7662558	5.5975225
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2402000000	1.989675347	0.785398163	1.342000442	1.951013121	-1.569161761	-1.678778478	1.1670784	1.2518453	0.8347221	0.824254	6.188131
2402000000	1.989675347	0.837758041	1.218695401	2.240478049	-1.194901467	-1.404688516	1.1506274	1.2942671	0.871475	0.8506787	6.3759706
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2402000000	1.989675347	2.042035225	-5.890957016	-6.140371433	-7.93970681	-4.974428443	0.5075188	0.4931527	0.4008802	0.5639993	-0.150913
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2402000000	2.042035225	-0.104719755	-7.080998074	0.126292064	0.293011475	-0.33809804	0.4425375	1.0146461	1.0343096	0.9618229	4.7441269
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2402000000	2.042035225	-4.44E-16	-3.086594089	0.067566964	-0.46865607	0.084566254	0.700923	1.0078093	0.9474738	1.0097836	5.2632247
2402000000	2.042035225	0.052359878	-1.452781935	-0.038950626	-0.881346116	0.082168356	0.8459816	0.9955257	0.9035094	1.0095409	5.4704921
2402000000	2.042035225	0.104719755	-0.120339586	-0.165668211	-0.05519605	-0.05519605	0.9862409	0.9811075	0.8613398	0.9925221	5.623419
2402000000	2.042035225	0.157079633	0.920191908	-0.288668862	-1.7137499	-0.338455378	1.1117563	0.967312	0.8209421	0.9617833	5.7151813
2402000000	2.042035225	0.20943951	1.692124468	-0.386451645	-2.142498136	-0.709995864	1.2150838	0.9564834	0.781403	0.9215103	5.7436697
2402000000	2.042035225	0.261799388	2.2244009286	-0.44087707	-2.593027517	-1.146990569	1.2918749	0.9505087	0.7419056	0.8762953	5.7124613
2402000000	2.042035225	0.314159265	2.54877468	-0.437070018	-3.06253488	-1.610424775	1.3410307	0.9509255	0.7028672	0.8307661	5.6333674
2402000000	2.042035225	0.366519143	2.698952858	-0.36338685	-3.520173628	-2.05344108	1.3644186	0.9590266	0.6667934	0.789456	5.5285346
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2402000000	2.042035225	0.837758041	1.464550393	2.296197326	-1.252246459	-2.033497712	1.1836615	1.3025964	0.8657404	0.7912708	6.3262627
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2402000000	2.042035225	1.099557429	0.816264401	2.72161742	-2.711814595	-0.25375163	1.0985333	1.3679835	0.8792102	0.9212084	6.682911
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2402000000	2.094395102	0.837758041	1.720040821	2.276431048	-1.324814118	-2.57616565	1.2189953	1.2996355	0.8585375	0.7433472	6.2784312
2402000000	2.094395102	0.890117919	1.603876564	2.433337445	-1.098505435	-2.159504831	1.2028011	1.3233261	0.8812005	0.7798746	6.4178789
2402000000	2.094395102	0.942477796	1.482363928	2.535202679	-0.995885019	-1.703584643	1.1860915	1.338937	0.8916733	0.8219034	6.5238593
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2402000000	2.094395102	1.047197551	1.200410661	2.584812523	-1.098581356	-0.77378756	1.1482079	1.3466063	0.8811928	0.9147673	6.6301133
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2402000000	2.094395102	1.308996939	0.157451553	1.88945248	-2.64454207	1.142855224	1.0182926	1.2430043	0.7616883	1.1406247	6.3688006
2402000000	2.094395102	1.361356817	-0.119778982	1.607415793	-2.709302636	1.308175647	0.9863046	1.2032913	0.7320401	1.1625423	6.2014941
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2402000000	2.094395102	1.72787596	-2.995067231	-2.102810887	-4.377512529	-2.570014443	0.7083479	0.7849816	0.5999464	0.7438738	3.0370452
2402000000	2.094395102	1.780235837	-3.514697654	-2.981119789	-4.51392418	-3.498152945	0.6672139	0.7094863	0.594708	0.6684861	2.4111309
2402000000	2.094395102	1.832595715	-4.038474428	-3.943130975	-4.156673429	-4.156673429	0.6281687	0.635102	0.5880084	0.6196784	1.8367051
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2402000000	2.094395102	1.93731547	-5.046617391	-5.760714573	-4.995236919	-4.353671154	0.5593313	0.5151863	0.5626498	0.6057821	0.9957889
2402000000	2.094395102	1.989675347	-5.49227785	-6.282293509	-5.307049336	-4.064714809	0.5313566	0.4851064	0.5428096	0.6262738	0.7708155
2402000000	2.094395102	2.042035225	-5.863894412	-6.381330614	-5.686366187	-3.711762963	0.5091026	0.47696	0.519615	0.6522466	0.6709847
2402000000	2.094395102	2.094395102	-6.140657896	-6.15908293	-6.094595373	-3.395984579	0.4931365	0.4920911	0.4957586	0.6739356	0.6579401
2402000000	2.094395102	2.14675498	-6.325524832	-5.84471836	-6.69174885	-3.174183287	0.4827516	0.510227	0.4748334	0.6938903	0.6753179
2402000000	2.094395102	2.199114858	-6.453837074	-5.643045882	-6.733648094	-3.077742847	0.4756726	0.522213	0.4605933	0.7016376	0.6689437
2402000000	2.094395102	2.251474735	-6.583448743	-5.668706924	-6.822446736	-3.126892942	0.4686273	0.5206275	0.4559085	0.6976785	0.5993846
2402000000	2.094395102	2.303834613	-6.773270877	-5.942348609	-6.711399147	-3.336291828	0.458497	0.5045249	0.4617746	0.6810601	0.4479754
2402000000	2.094395102	2.356194									

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2402000000	2.14675498	-0.837758041	2.181452684	0.998451859	1.29564655	1.657064508	1.2855016	1.1218185	1.1613904	1.2101891	7.5659582
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2402000000	2.14675498	-0.471238898	-6.079199079	-1.741933904	1.285520437	-0.875531793	0.4966381	0.8182826	1.1595141	0.9041144	4.55540051
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2402000000	2.14675498	0.83758041	1.973025538	2.19110807	-1.394835368	-2.901671262	1.2550218	1.2869314	0.8516443	0.7160056	6.2553978
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2402000000	2.199114858	-0.157079633	-8.606890715	-0.22161585	0.676211046	-0.663545214	0.3712406	0.9748803	1.0809623	0.9264516	4.4892699
2402000000	2.199114858	-0.104719755	-6.754628976	-0.057195758	0.33830171	-0.30474741	0.4594821	0.9934367	1.0397169	0.965523	4.7562984
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2402000000	2.199114858	-4.44E-16	-3.08659409	0.067566897	-0.468656123	0.084566123	0.700923	1.0078093	0.9474738	1.0097836	5.2632246
2402000000	2.199114858	0.052359878	-1.56399386	0.057039472	-0.900947675	0.062944376	0.8352189	1.0065885	0.9014728	1.0072731	5.4613068
2402000000	2.199114858	0.104719755	-0.303605358	0.022844638	-1.390044136	-0.095940136	0.96565	1.0026335	0.8571361	0.9890153	5.6800841
2402000000	2.199114858	0.157079633	0.699626916	-0.016183384	-1.787095974	-0.368026386	1.0838804	0.9981386	0.814039	0.9585145	5.6989242
2402000000	2.199114858	0.20943951	1.464456234	-0.043060698	-2.257563073	-0.726300105	1.1836487	0.9950547	0.7711198	0.9197822	5.7327336
2402000000	2.199114858	0.261799388	2.016391524	-0.042966793	-2.760073193	-1.147554187	1.2613034	0.9950655	0.7277737	0.8762384	5.7120035
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2402000000	2.199114858	0.366519143	2.602806117	0.087285782	-3.794049314	-2.099047823	1.3493988	1.0100998	0.6460967	0.7553217	5.5542856
2402000000	2.199114858	0.41887902	2.703916348	0.234311997	-4.198385909	-2.580600269	1.3651985	1.0273433	0.6167096	0.7429678	5.4651642
2402000000	2.199114858	0.471238898	2.72217602	0.437416679	-4.38986052	-3.025429069	1.3680751	1.0516491	0.6032634	0.7058762	5.4109221
2402000000	2.199114858	0.523598776	2.688157069	0.687004178	-4.29080071	-3.403496784	1.3627238	1.0823064	0.6101828	0.6758109	5.4159606
2402000000	2.199114858	0.575958653	2.626074891	0.965130584	-3.914594982	-3.687704456	1.3530185	1.1175232	0.6371919	0.6540558	5.4872895
2402000000	2.199114858	0.628318531	2.551800872	1.248933801	-3.361477949	-3.84971607	1.341498	1.1546402	0.6790881	0.6419692	5.6142883
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2402000000	2.199114858	0.785398163	2.304756176	1.926348447	-1.75222114	-3.369541476	1.3038806	1.2482956	0.817314	0.6784579	6.1240877
2402000000	2.199114858	0.837758041	2.211091421	2.052080009	-3.473603841	-2.911845694	1.2898956	1.2664965	0.8474612	0.7151674	6.2752796
2402000000	2.199114858	0.890117919	2.107673316	2.122426634	-1.260646656	-2.376233096	1.2746286	1.2767955	0.8649035	0.7065616	6.3966557
2402000000	2.199114858	0.942477796	1.991390131	2.141236522	-1.210109358	-1.813946731	1.2577563	1.2795634	0.8699505	0.8115264	6.483172
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2402000000	2.199114858	1.099557429	1.534513152	1.948112447	-1.583249693	-0.32336126	1.1932341	1.2514273	0.8333693	0.9634589	6.5297683
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2402000000	2.199114858	1.256637061	0.804628891	1.4566563067	-2.32999905	0.437529417	1.0970627	1.1838131	0.7726807	1.0516627	6.2461271
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2402000000	2.251474735	-0.052359878	-4.785932106	0.003519649	-0.045537868	-0.034520235	0.5763727	1.0004053	0.994771	0.9960335	5.0268807
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2402000000	2.251474735	0.314519265	2.305483182	0.116533023	-3.32258689	-1.571282772	1.3039897	1.0135068	0.6821355	0.8345183	5.6527827
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2402000000	2.251474735	0.628318531	2.663747456	1.236131187	-3.293818773	-3.806346491	1.3589996	1.1525939	0.6843985	0.6451826	5.6692368
2402000000	2.251474735	0.680678408	2.617599765	1.463175747	-2.691742744	-3.757781316	1.351699	1.1834742	0.7335216	0.6488001	5.8395688
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2402000000	2.251474735	1.099557429	1.782576218	1.58779207	-1.253802927	-0.269442872	1.2278033	1.2005759	0.8188604	0.9694554	6.4788844
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2402000000	2.251474735	1.518436449	-1.154273123	-0.410692249	-3.627833191	-3.242944248	0.8755609	0.9538177	0.6585797	0.6884189	4.0180415
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2402000000	2.251474735	1.623156204	-2.192654971	-1.317088272	-3.992254116	-5.822622147	0.7769038	0.8593015	0.6315203	0.5115274	2.8579618
2402000000	2.251474735	1.675516082	-2.703180193	-1.862625537	-4.107831656	-6.78211967	0.7325563	0.8069911	0.6231727	0.4580263	2.3748998
2402000000	2.251474735	1.72787596	-3.203788304	-2.480345758	-4.182279568	-7.082081607	0.6915293	0.751593	0.6178542	0.4424823	1.9502092
2402000000	2.251474735	1.780235837	-3.697923723	-3.173922936	-4.236436237	-6.752989735	0.6538267	0.6939111	0.6140139	0.4595688	1.6585083
2402000000	2.251474735	1.832595715	-4.191025343	-3.933754096	-4.301766106	-6.129289002	0.6173234	0.635788	0.609413	0.4937823	1.4237009
2402000000	2.251474735	1.884955592	-4.685156775	-4.723907485	-4.412780961	-5.498540363	0.5830988	0.5805302	0.6016736	0.5309737	1.1997808
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2402000000	2.251474735	2.042035225</									

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2402000000	2.303834613	-1.518436449	-4.650448073	-2.907619013	-2.481712223	1.36633544	0.5854335	0.7155155	0.7514747	1.1703527	4.1440039
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2402000000	2.303834613	-1.047197551	1.685828189	0.685798243	0.89298195	0.108095258	1.2142033	1.0821561	1.108279	1.0125227	6.8822648
2402000000	2.303834613	-0.994837674	1.779311932	0.820466137	1.184156245	0.074625793	1.227342	1.0990648	1.1460612	1.0086286	7.0070863
2402000000	2.303834613	-0.942477796	1.727218157	0.83713289	1.410450576	0.053013086	1.220003	1.1011758	1.176312	1.006122	7.050621
2402000000	2.303834613	-0.890117919	1.517943758	0.727176351	1.57463204	0.016585803	1.19096	1.0873236	1.1987582	1.0019113	7.0029306
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2402000000	2.303834613	0.20943951	1.257841047	0.162478347	-2.30107993	-0.702584235	1.1558249	1.0188821	0.7672661	0.922297	5.7207495
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2402000000	2.303834613	0.523598776	2.735303319	0.770859753	-4.155802716	-3.281593106	1.3701407	1.0928058	0.6197405	0.6853625	5.501732
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240854368	2.408554368	1.204277184	1.857545736	0.138376428	-1.504088036	-0.1050488036	1.2384466	1.0160588	0.7864031	0.8860854	5.8606046
2402000000	2.408554368	1.256637061	1.554579794	-0.090416704	-2.528561334	-1.695470498	1.195994	0.9896444	0.7474324	0.8262715	5.4733158
240854368	2.408554368	1.308996939	1.192747068	-0.330385058	-2.976999517	-2.504613911	1.1471953	0.9626773	0.7098229	0.749496	5.030791
2402000000	2.408554368	1.361356817	0.772634008	-0.585200493	-3.429238055	-3.420337877	1.093029	0.9348458	0.673811	0.6450518	4.5479315
240854368	2.408554368	1.413716694	0.299821373	-0.860162152	-3.89046658	-3.410796223	1.0351209	0.9057157	0.6389644	0.6807797	4.0513484
2402000000	2.408554368	1.466076572	-0.215553519	-1.161278363	-4.37030614	-4.959041964	0.9758489	0.874855	0.604623	0.5649993	3.5794418
240854368	2.408554368	1.518436449	-0.760541655	-1.49459658	-4.876941666	-5.156057211	0.9161634	0.8419213	0.5703651	0.5523281	3.1695955
2402000000	2.408554368	1.570796327	-1.322096728	-1.865972195	-5.410628208	-4.883807268	0.8588062	0.8068062	0.5363751	0.5699144	2.8435622
240854368	2.408554368	1.623156204	-1.889855672	-2.281733071	-5.957930371	-4.344844109	0.8044651	0.768977	0.5036206	0.606398	2.553305
2402000000	2.408554368	1.675516082	-2.457747645	-2.748498048	-6.488565019	-3.789113838	0.7535509	0.7287442	0.4737746	0.6464639	2.2873271
240854368	2.408554368	1.72787596	-3.023459809								

2402000000	2.460914245	-1.884955592	-7.523658413	-4.071918757	-2.308015177	-1.751684111	0.4205495	0.6257546	0.7666537	0.8173645	2.3795795
2402000000	2.460914245	-1.832595715	-7.354400255	-3.793128342	-2.038933655	-1.163429653	0.4288249	0.6461652	0.7907757	0.8746384	2.7356925
2402000000	2.460914245	-1.780235837	-7.045670943	-3.585640946	-1.819843677	-0.705088545	0.4443411	0.6504176	0.8109757	0.9230311	3.0431191
2402000000	2.460914245	-1.72787596	-6.566666049	-3.42485249	-1.634805409	-0.414006468	0.4695336	0.6741513	0.8284375	0.9534538	3.3036285
2402000000	2.460914245	-1.675516082	-5.922413099	-3.285350413	-1.634805409	-0.299426299	0.5056842	0.6850661	0.8444024	0.9661147	3.5254939
2402000000	2.460914245	-1.623156204	-5.156278931	-3.142235278	-1.308350192	-0.353641327	0.552314	0.6964473	0.8601664	0.9601032	3.7194254
2402000000	2.460914245	-1.570796327	-4.329714207	-2.973205774	-1.138616071	-0.556634308	0.6074552	0.710133	0.8771406	0.9379254	3.8976493
2402000000	2.460914245	-1.518436449	-3.498938159	-2.760744997	-0.945409633	-0.874913417	0.6684256	0.7277114	0.89687	0.9401788	4.0747741
2402000000	2.460914245	-1.466076572	-2.703509521	-2.494005044	-0.715680394	-1.258099034	0.7325285	0.7524179	0.9209074	0.9651572	4.2677121
2402000000	2.460914245	-1.413716694	-1.966474835	-2.170236512	-0.440943801	-1.640059874	0.7974	0.7789116	0.9505015	0.8279365	4.4926023
2402000000	2.460914245	-1.361356817	-1.299589391	-1.795531115	-0.120843901	-1.952311579	0.8610345	0.8132488	0.9861847	0.7970104	4.7588365
2402000000	2.460914245	-1.308996939	-0.708834903	-1.384502291	-0.235205578	-2.149010023	0.9216335	0.852658	1.027449	0.7808174	5.0632646
2402000000	2.460914245	-1.256637061	-0.19839703	-0.958661379	-0.609529031	-2.226750757	0.9774176	0.8955028	1.0726955	0.7738601	5.3890352
2402000000	2.460914245	-1.204277184	0.227010342	-0.54378861	0.980584445	-2.220518486	1.0264801	0.9393135	1.1195132	0.7744156	5.7105214
2402000000	2.460914245	-1.151917306	0.561049603	-0.167000636	1.372826691	-2.180125061	1.066725	0.9880957	1.1651755	0.7780253	6.0007796
2402000000	2.460914245	-1.099557429	0.795440427	0.145849165	1.63523499	-2.148241343	1.0959028	1.0169333	1.2071514	0.7808865	6.2369286
2402000000	2.460914245	-1.047197551	0.920133881	0.372172057	1.892629014	-2.151824688	1.1117489	1.0437791	1.2434589	0.7805644	6.4019934
2402000000	2.460914245	-0.994837674	0.923825922	0.494123035	2.095073801	-2.20367331	1.1122215	1.0585373	1.272781	0.7759189	6.4845439
2402000000	2.460914245	-0.942477796	0.794707636	0.499814329	2.214273475	-2.306460851	1.0958103	1.0592311	1.2943857	0.7667909	6.4778613
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2402000000	2.460914245	-0.837758041	0.093741141	0.152091056	2.368890919	-2.63403972	1.0108508	1.0592311	1.3135438	0.7383883	6.1935554
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2402000000	2.460914245	-0.733038286	-1.250191647	-0.596031526	2.297238645	-2.91264616	0.8659452	0.9336808	1.3027526	0.7086581	5.6002627
2402000000	2.460914245	-0.680678408	-2.16713543	-1.046894535	2.204061246	-3.113909082	0.7791897	0.8864521	1.288852	0.6987222	5.2329073
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2402000000	2.460914245	-0.104719755	-6.000748426	-0.359303352	0.357730721	-0.229760504	0.5011441	0.9564776	1.0420451	0.9738946	4.8023982
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2402000000	2.460914245	0.994837674	2.630572011	0.721647001	-0.095624384	-0.150183589	1.3537192	1.0866316	0.9777296	0.9828581	6.8503063
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2402000000	2.460914245	1.099557429	2.359331699	0.338340838	-0.646582588	-0.505514954	1.3120989	1.0397215	0.9282626	0.9434617	6.4929421
2402000000	2.460914245	1.151917306	2.162043419	0.120776528	-0.996076049	-0.931308405	1.2862323	1.014002	0.8916537	0.8983273	6.2066675
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2402000000	2.460914245	1.256637061	1.613309306	-0.34553158	-1.839182562	-2.229271531	1.2041081	0.9610001	0.809172	0.7673656	5.4551965
2402000000	2.460914245	1.308996939	1.25321988	-0.591444136	-2.29906901	-2.996584948	1.1552101	0.934174	0.7674437	0.7082242	5.0207177
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2402000000	2.460914245	1.413716694	0.366263261	-1.118163249	-3.261763747	-4.093124687	1.0430693	0.8792084	0.6869289	0.6422287	4.1726839
2402000000	2.460914245	1.466076572	-0.146115972	-1.408375314	-3.77434506	-4.102912764	0.9833185	0.8503177	0.6475641	0.6235257	3.8198656
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2402000000	2.460914245	1.570796327	-1.253328648	-2.074072552	-4.911688592	-3.191378783	0.8656325	0.7875831	0.5680879	0.692518	3.268659
2402000000	2.460914245	1.6									

2402000000	2.513274123	-1.989675347	-6.719278759	-4.833248684	-2.99942172	-2.834022346	0.4613559	0.5732414	0.7079929	0.7216039	1.8128985
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2402000000	2.513274123	-1.466076572	-2.153489655	-2.678754346	-0.194991407	-2.328910545	0.7804148	0.7346193	0.9778009	0.7648116	4.2374795
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2402000000	2.513274123	-1.361356817	-0.985234759	-1.978514152	0.42433323	-2.759631493	0.8927673	0.7962956	1.0500662	0.7278107	4.7783258
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2402000000	2.513274123	-1.047197551	0.779788176	0.268277313	2.270208318	-2.527848174	1.0939327	1.0313685	1.2987047	0.7474938	6.3852382
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2402000000	2.513274123	-0.733038286	-1.538545622	-0.654817903	2.471956651	-3.984059569	0.8376695	0.9273829	1.329223	0.6321163	5.4051703
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2402000000	2.513274123	-0.628318531	-3.468470377	-1.50214505	2.199292641	-4.029157241	0.6707744	0.8411874	1.2881446	0.6288429	4.6826213
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2402000000	2.513274123	-0.523598776	-5.784377163	-2.105996192	1.910453854	-3.60039396	0.5137847	0.7846937	1.2460133	0.6584124	4.0902791
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2402000000	2.565634	-0.314159265	-8.8730957	-1.820828908	1.412206125	-2.060387893	0.3600354	0.8108837	1.1765498	0.7888249	3.9077347
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2402000000	2.565634	-4.44E-16	-3.086594321	0.067566639	-0.468656334	0.084566065	0.700923	1.0078092	0.9474737	1.0097836	5.3262244
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2402000000	2.565634	0.41887902	1.916322971	0.64875838	-3.547745178	-2.042733843	1.2468556	1.0775512	0.6646802	0.7904298	5.5281256
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2402000000	2.565634	0.680678408	2.427004683	0.850600921	-0.750716445	-1.225227145	1.3223616	1.1028845	0.8697724	0.8230856	6.2733466
2402000000	2.565634	0.730382826	2.499599854	0.880763192	-0.575071645	-1.225227145	1.33346	1.106721	0.9359366	0.8684376	6.3650439
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2402000000	2.565634	0.994837674	2.496348661	0.548873213	1.028094801	-0.57223953	1.332961	1.0652307	1.1256535	0.9411049	6.9757322
2402000000	2.565634	1.047197551	2.386177034	0.385068474	1.003597485	-0.87363689	1.3161605	1.04533	1.1224833	0.9043117	6.8252976
2402000000	2.565634	1.099557429	2.231767224	0.195979728	0.880647787	-1.37821319	1.2929697	1.0228195	1.1067063	0.8532756	6.5996892
2402000000	2.565634	1.151917306	2.029868737	-0.013721333	0.671864411	-2.004364547	1.263262	0.9984215	1.0804215	0.7939292	6.3110826
2402000000	2.565634	1.204277184	1.777240392	-0.23889149	0.391033901	-2.672561731	1.2270493	0.9728714	1.0460482	0.7351431	5.9794881
2402000000	2.565634	1.256637061	1.471530751	-0.474416388	0.052130236	-3.244960586	1.1846131	0.9468456	1.0606198	0.6882591	5.6330737
2402000000	2.565634	1.308996939	1.112389217	-0.716110547	-0.332083135	-3.548588754	1.1366309	0.9208618	0.9624974	0.6646156	5.3072208
2402000000	2.565634	1.361356817	0.702356712	-0.961802884	-0.751268465	-3.469272107	1.0842211	0.8951789	0.917142	0.6707125	5.2608191
2402000000	2.565634	1.413716694	0.247114855	-1.212236743	-1.199726154	-3.045426042	1.0288587	0.8697374	0.870991	0.704253	4.795568
2402000000	2.565634	1.466076572	-0.245068864	-1.471535587							

2402000000	2.617993878	-2.199114858	-4.544113024	-9.845228742	-5.27739482	-4.255181567	0.5926446	0.321913	0.544666	0.6126902	0.3068339
2402000000	2.617993878	-2.14675498	-4.790903801	-8.36941197	-4.853494833	-4.120641436	0.5760429	0.3815306	0.5719068	0.6222543	0.6351743
2402000000	2.617993878	-2.094395102	-5.040772164	-7.135805169	-4.368515323	-3.736821339	0.5597078	0.4397539	0.605089	0.6503677	1.0420167
2402000000	2.617993878	-2.042035225	-5.244318732	-6.147224219	-3.851050896	-3.182220239	0.546744	0.4927638	0.6418706	0.6932486	1.491308
2402000000	2.617993878	-1.989675347	-5.360419177	-5.378119402	-3.345313869	-3.184273603	0.5394846	0.5383863	0.680353	0.7414693	1.9371345
2402000000	2.617993878	-1.93731547	-5.358087079	-4.799714004	-2.862484111	-2.114455199	0.5396295	0.5754589	0.7192432	0.7839299	2.3396605
2402000000	2.617993878	-1.884955592	-5.21704851	-4.384612129	-2.40892513	-1.814202401	0.5484633	0.6304628	0.7577985	0.8115025	2.6752233
2402000000	2.617993878	-1.832595715	-4.930642521	-4.105893229	-1.985215125	-1.732646057	0.5668496	0.6233118	0.7956815	0.819158	2.9380603
2402000000	2.617993878	-1.780235837	-4.510402952	-3.935115804	-1.588858611	-1.865616592	0.5949492	0.6356883	0.8328314	0.8067132	3.1375889
2402000000	2.617993878	-1.72787596	-3.986758663	-3.840656724	-1.21593616	-2.174589722	0.63192	0.6426391	0.8694014	0.7785213	3.2944634
2402000000	2.617993878	-1.675516082	-3.402250925	-3.787059898	-0.859761707	-2.587679839	0.6759078	0.6466168	0.9057574	0.7324625	3.4634139
2402000000	2.617993878	-1.623156204	-2.80046016	-3.735941359	-0.514484799	-3.002508692	0.7243976	0.6504335	0.9424878	0.7077413	3.5940809
2402000000	2.617993878	-1.570796327	-2.216877016	-3.648961117	-0.177254028	-3.302575053	0.7747403	0.6569797	0.9803639	0.6837089	3.7948378
2402000000	2.617993878	-1.518436449	-1.67498259	-3.49298165	0.173751388	-3.396152468	0.8246143	0.6688842	1.0202053	0.6763825	4.0554487
2402000000	2.617993878	-1.466076572	-1.186924542	-3.246444942	0.527811472	-3.261643738	0.8722757	0.6881415	1.0626508	0.6869384	4.3759768
2402000000	2.617993878	-1.4137116694	-0.756668739	-2.904566084	0.889932182	-2.958166196	0.916572	0.715767	1.1078899	0.7113637	4.7397906
2402000000	2.617993878	-1.361356817	-0.383836898	-2.480617927	1.255039455	-2.588405553	0.9567713	0.7515694	1.1554522	0.7423004	5.1201395
2402000000	2.617993878	-1.308996939	-0.06716128	-2.002364203	1.613609266	-2.250754911	0.9922976	0.7941121	1.2041496	0.7717244	5.488431
2402000000	2.617993878	-1.256637061	0.192973755	-1.505445671	1.953546033	-2.014000123	1.0224656	0.8408678	1.2522104	0.7930489	5.8198084
2402000000	2.617993878	-1.204277184	0.393105223	-1.026708168	2.262575539	-1.914750872	1.0462977	0.8885146	1.297564	0.8021627	6.0952784
2402000000	2.617993878	-1.151917306	0.526346162	-0.599458617	2.530265326	-1.964872179	1.0624715	0.9333125	1.3381761	0.7975472	6.3015706
2402000000	2.617993878	-1.099557429	0.582909333	-0.250953299	2.749111554	-2.160267491	1.069413	0.9715213	1.3723206	0.7798061	6.4300237
2402000000	2.617993878	-1.047197551	0.551193196	-0.001408396	2.914570309	-2.487670221	1.0655152	0.9998379	1.3987127	0.7509595	6.4754037
2402000000	2.617993878	-0.994837674	0.41911683	0.136295345	3.024347152	-2.928234473	1.0494357	1.0158154	1.4165025	0.7138193	6.4352255
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2402000000	2.617993878	-0.837758041	-0.67961946	-0.137012854	3.014053407	-4.616836717	0.9247387	0.9843496	1.4148248	0.5877033	5.8265253
2402000000	2.617993878	-0.785398163	-1.298267965	-0.422936973	2.901552495	-5.113927311	0.8611655	0.952474	1.396618	0.5550136	5.4953251
2402000000	2.617993878	-0.733038286	-2.040505202	-0.769961791	2.743335611	-5.438713661	0.7906326	0.951703	1.3714083	0.5346435	5.1340057
2402000000	2.617993878	-0.680678408	-2.894877417	-1.146338671	2.551755291	-5.522624104	0.7165659	0.8763661	1.341491	0.5295035	4.7707066
2402000000	2.617993878	-0.628318531	-3.840962309	-1.516175402	2.344171091	-5.355212956	0.6426165	0.8398297	1.3098108	0.539808	4.4336695
2402000000	2.617993878	-0.575958653	-4.847260044	-1.842157306	2.140121697	-4.984575969	0.5723175	0.808895	1.2793992	0.5633408	4.1471727
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2402000000	2.617993878	-0.471238898	-6.842549964	-2.227368316	1.798862824	-3.9098265	0.4548545	0.7738051	1.2301077	0.5735418	3.7962863
2402000000	2.617993878	-0.41887902	-7.683954925	-2.240083237	1.663414802	-3.306068039	0.4128595	0.7726732	1.2110742	0.683434	3.7505296
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2402000000	2.617993878	0.20943951	0.312421789	0.684394698	-2.249436146	-0.61435431	1.0366236	1.0891813	0.7718392	0.9317133	5.6255713
2402000000	2.617993878	0.261799388	0.815981569	0.71815068	-2.671701596	-0.917538959	1.0984975	1.0861524	0.7352662	0.8997525	5.6199138
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2402000000	2.617993878	0.680678408	2.168408293	0.788473075	-0.951615867	-1.610489368	1.2835725	1.095024	0.8662294	0.8307599	6.246903
2402000000	2.617993878	0.733038286	2.251463663	0.82268869	-0.299402076	-1.18633413	1.2959051	1.0993461	0.9661174	0.872335	6.5138089
2402000000	2.617993878	0.785398163	2.32249418	0.837544304	0.279830253	-0.836336013	1.30546	1.1012279	1.0327412	0.9082036	6.7466264
2402000000	2.617993878	0.837758041	2.371440753	0.825779067	0.76215102	-0.615798026	1.3139294	1.0997373	1.0917107	0.9135584	6.921063
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2402000000	2.617993878	0.994837674	2.304598517	0.599994173	1.546353016	-0.967127859	1.3038569	1.0715186	1.1948617	0.8946303	6.9755716
2402000000	2.617993878	1.047197551	2.194353531	0.461234827	1.589645851	-1.435322104	1.2874124	1.0545368	1.2008321	0.8476838	6.8296107
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2402000000	2.617993878	1.151917306	1.82681674	0.104199758	1.387242791	-2.737871787	1.234073	1.0120687	1.1737132	0.7296363	6.3381665
2402000000	2.617993878	1.204277184	1.567063443	-0.104271642	1.160449697	-3.76665414	1.1977141	0.9880671	1.1429375	0.6779017	6.034964
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2402000000	2.670353756	-2.303834613	-3.92371628	-13.5021015	-5.386480316	-4.744479186	0.6365231	0.2112978	0.5378683	0.57913	-0.154148
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2402000000	2.670353756	-1.623156204	-2.402986314	-3.902994204	-0.589748681	-3.556269797	0.7583168	0.6380435	0.9343564	0.6640282	3.5065968
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2402000000	2.670353756	-1.413716694	-0.545181628	-3.054438937	1.08326123	-2.232816841	0.9391629	0.7035226	1.1328256	0.7733198	4.9811063
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2402000000	2.722713633	0.575958653	1.275627433	0.655384141	-1.838391994	-2.349437784	1.1581942	1.0783735	0.8092457	0.7630063	5.5952082
2402000000	2.722713633	0.628318531	1.34436424	0.688971404	-1.219175702	-2.075935218	1.167396	1.0825515	0.8690429	0.7874142	5.8149446
2402000000	2.722713633	0.680678408	1.42653056	0.746744583	-0.566739001	-1.737899284	1.1784917	1.089776	0.9368349	0.8186628	6.0720529
2402000000	2.722713633	0.730382826	1.517936598	0.816282946	-0.071192917	-1.436138536	1.1909591	1.0985356	1.0082301	0.8476041	6.33058
2402000000	2.722713633	0.785398163	1.606843479	0.884044298	0.659371635	-1.245998294	1.2032121	1.1071392	1.0788687	0.8663634	6.5585819
2402000000	2.722713633	0.837758041	1.677793969	0.937793327	1.171448978	-1.213713783	1.2131059	1.1140115	1.1447416	0.8695895	6.732093
2402000000	2.722713633	0.890117919	1.716360715	0.967866047	1.600897675	-1.363128709	1.218479	1.1178752	1.2023887	0.8547588	6.8356158
2402000000	2.722713633	0.942477796	1.709967135	0.967586795	1.93135224	-1.702125463	1.2175824	1.1178392	1.2490149	0.8220451	6.8612321
2402000000	2.722713633	0.994837674	1.650876201	0.932379814	2.161489886	-2.223419572	1.2093272	1.1134327	1.2825506	0.774157	6.8078621
2402000000	2.722713633	1.047197551	1.535394693	0.864138216	2.290044418	-2.896110732	1.1933552	1.1046048	1.301674	0.7164641	6.8812262
2402000000	2.722713633	1.099557429	1.3								

2402000000	2.775073511	-2.513274123	-4.860023132	-8.710757537	-4.555870322	-5.221096347	0.5714771	0.3668277	0.591843	0.5482078	0.3337969
2402000000	2.775073511	-2.460914245	-4.401999789	-10.25914399	-4.669685511	-5.769639018	0.6024209	0.3069324	0.5841384	0.5146572	0.0353182
2402000000	2.775073511	-2.408554368	-4.136012869	-12.02650406	-4.759449694	-6.250781541	0.6211541	0.5204233	0.5781327	0.4869237	-0.27965
2402000000	2.775073511	-2.35619449	-4.074013711	-13.81605974	-4.802360519	-6.540717242	0.6256037	0.2037966	0.5752836	0.4709384	-0.557692
2402000000	2.775073511	-2.30384613	-4.203553392	-15.08563072	-4.797960148	-6.506578914	0.6163428	0.1760834	0.5755751	0.472793	-0.720495
2402000000	2.775073511	-2.251474735	-4.491934849	-15.04287851	-4.763238616	-6.092997192	0.5962155	0.1769522	0.5778805	0.4958498	-0.691741
2402000000	2.775073511	-2.199114858	-4.887813349	-13.68886009	-4.720657484	-5.386802214	0.5696516	0.2608801	0.5807204	0.5737484	-0.468308
2402000000	2.775073511	-2.14675498	-5.322318055	-11.83899209	-4.685160637	-4.567735861	0.5418563	0.2558883	0.5830986	0.591035	-0.122999
2402000000	2.775073511	-2.094395102	-5.713072156	-10.0543406	-4.655207197	-3.809819372	0.5180198	0.3142556	0.5851128	0.6449247	0.2664915
2402000000	2.775073511	-2.042035225	-5.974754538	-8.517636335	-4.610122947	-3.232338571	0.502646	0.3705701	0.5881578	0.68926	0.6489054
2402000000	2.775073511	-1.989675347	-6.037343416	-7.256447218	-4.514695306	-2.899303137	0.4990371	0.4336882	0.5946552	0.7162009	0.9982368
2402000000	2.775073511	-1.93731547	-5.866633108	-6.252620322	-4.330916108	-2.829348086	0.5089421	0.4686206	0.6073712	0.7219923	1.3083309
2402000000	2.775073511	-1.884955592	-5.475146745	-5.476279286	-4.033140155	-2.995745816	0.5324057	0.5323362	0.6285546	0.7802926	1.5893741
2402000000	2.775073511	-1.832595715	-4.914804281	-4.894609795	-3.61855607	-3.312699187	0.5678842	0.5692061	0.6592835	0.6892125	1.8659334
2402000000	2.775073511	-1.780235837	-4.256001459	-4.473294212	-3.106330554	-3.620629291	0.6126324	0.5974964	0.6993321	0.6591261	2.1732857
2402000000	2.775073511	-1.72787596	-3.566447219	-4.176047099	-2.52735313	-3.714389095	0.6632506	0.6182977	0.7475364	0.6520495	2.545771
2402000000	2.775073511	-1.675516082	-2.898790039	-3.964105756	-1.912777372	-3.455871479	0.7162432	0.6335702	0.802345	0.6717481	2.9964059
2402000000	2.775073511	-1.623156204	-2.287406126	-3.796649707	-1.287457826	-2.881361279	0.7684749	0.6459033	0.8622379	0.7176818	3.5053003
2402000000	2.775073511	-1.570796327	-1.750553797	-3.632977521	-0.66885181	-2.154502546	0.8174709	0.6581898	0.9258858	0.7803238	4.0330497
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2402000000	2.775073511	-1.466076572	-0.917441698	-3.182728427	0.503354644	-0.338165944	0.8997626	0.6932088	1.0596629	0.9085351	5.0112507
2402000000	2.775073511	-1.413716694	-0.613680761	-2.860560945	1.040240734	-0.386226514	0.9317855	0.7194025	1.1272827	0.9565081	5.4520375
2402000000	2.775073511	-1.361356817	-0.376074183	-2.47805905	1.534480579	-0.107177359	0.9576268	0.7517909	1.1932296	0.9873279	5.7783368
2402000000	2.775073511	-1.30899639	-0.198613711	-2.057344735	1.979369647	-0.002273836	0.9773932	0.7891013	1.2559388	0.9997382	6.0686119
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2402000000	2.775073511	-1.099557429	-0.075664715	-0.588604025	3.171701895	-0.837312578	0.9913266	0.9344795	1.4407383	0.9801105	6.597403
2402000000	2.775073511	-1.047197551	-0.215069676	-0.394887703	3.311025163	-1.238890191	0.9755432	0.9355504	1.4640343	0.8670727	6.5720868
2402000000	2.775073511	-0.994837674	-0.437562821	-0.295148195	3.38501659	-1.683137519	0.9508716	0.9665907	1.4765591	0.8238405	6.4812469
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2402000000	2.775073511	-0.837758041	-1.650861625	-0.526539362	3.215065752	-3.251103785	0.8269075	0.9411807	1.4479491	0.6877725	5.8091731
2402000000	2.775073511	-0.785398163	-2.233828138	-0.743066168	3.035881864	-3.811548417	0.7732298	0.9180085	1.4183849	0.6447964	5.4702561
2402000000	2.775073511	-0.733038286	-2.891755537	-1.002825478	2.808995583	-4.316975373	0.7168235	0.8909611	1.3818146	0.6083468	5.1004928
2402000000	2.775073511	-0.680678408	-3.607380025	-1.288430723	2.551145485	-4.687980745	0.6601323	0.8621413	1.3413969	0.5829093	4.7271669
2402000000	2.775073511	-0.628318531	-4.357167105	-1.581833679	2.284296769	-4.848629471	0.6055383	0.8335052	1.3008129	0.5722722	4.3814261
2402000000	2.775073511	-0.575958653	-5.110723885	-1.86259175	2.031873725	-4.760188253	0.5552183	0.8069942	1.2635536	0.5780835	4.0928428
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2402000000	2.775073511	0.366519143	0.545903987	0.54860152	-2.799599553	-1.741799031	1.0648666	1.1034255	0.7243933	0.8182953	5.3692815
2402000000	2.775073511	0.41887902	0.67183369	0.774936889	-2.745801961	-2.140564928	1.0804177	1.0933189	0.7289704	0.781577	5.3064619
2402000000	2.775073511	0.471238898	0.742530923	0.71840677	-2.521537296	-2.437122812	1.0892474	1.0841566	0.7480371	0.7558552	5.2899727
2402000000	2.775073511	0.523598776	0.784151273	0.656317204	-2.139971451	-2.535170281	1.0944793	1.0784893	0.7816304	0.7468639	5.3468683
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2402000000	2.775073511	0.837758041	1.20318765	1.056565179	1.231962835	-1.64030578	1.1485751	1.1293492	1.1523864	0.827913	6.5639696
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2402000000	2.827433388	-2.617993878	-6.505713514	-6.988275544	-4.550933587	-4.712130796	0.4728401	0.4472869	0.5921794	0.5812908	0.3972632
2402000000	2.827433388	-2.565634	-5.766347882	-7.943175126	-4.546309893	-5.326779075	0.5148522	0.4007202	0.5924947	0.541578	0.212974
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2402000000	2.827433388	-2.094395102	-6.642928184	-11.34075483	-4.529841973	-8.37307962	0.4654292	0.2709956	0.5936191	0.6402447	-1.300033
2402000000	2.827433388	-2.042035225	-6.886157038	-9.571352314	-4.609426869	-3.377312005	0.4525767	0.3322251	0.5882049	0.6778512	0.2181114
2402000000	2.827433388	-1.989675347	-6.862300192	-8.03065074	-4.681916079	-3.157730508	0.4538214	0.3943181	0.5833164	0.6952059	0.5333691
2402000000	2.827433388	-1.93731547	-6.556447164	-6.879796643	-4.685530997	-3.191519999	0.4700864	0.4529082	0.5830737	0.6925067	0.8222257
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2402000000	2.827433388	-1.72787596	-3.818895988	-4.263874508	-3.201240019	-3.388925464	0.6442511	0.6120773	0.6917322	0.6769455	2.3620067
2402000000	2.827433388	-1.677516082	-3.118291225	-3.964629783	-2.521937117	-2.757337231	0.6983698	0.6353319	0.7480027	0.7280209	2.9470555
2402000000	2.827433388	-1.623156204	-2.494644288	-3.725427152	-1.806944473	-1.954368738	0.7503567	0.6512214	0.8121809	0.7985122	3.5572816
2402000000	2.827433388	-1.570796329	-1.959342876	-3.506132106	-1.091949203	-1.156051694	0.7980551	0.6678272	0.8818659	0.8753363	4.144955
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2402000000	2.827433388	-1.413716694	-0.870132762	-2.676862213	0.848793466	0.373701092	0.9046766	0.7347791	1.1026551	1.0439629	5.5431816
2402000000	2.827433388	-1.361356817	-0.656783849	-2.312485962	1.390549952	0.537241134	0.9271731	0.71662592	1.17362	1.0638051	5.8691457
2402000000	2.827433388	-1.308996939	-0.506564748	-1.924430506	1.869568165	0.547854195	0.9433476	0.8012692	1.240162	1.0651057	6.1282529
2402000000	2.827433388	-1.256637061	-0.415475433	-1.538412555	2.82751436	0.431936559	0.9532926	0.8376824	1.3005815	1.0509858	6.324739
2402000000	2.827433388	-1.832595715	-5.325569766	-5.208058103	-4.26208303	-3.635736783	0.5416534	0.5490313	0.6122036	0.6579807	1.4408379
2402000000	2.827433388	-1.780235837	-4.570103515	-4.664719317	-3.797965819	-3.685830116	0.5908739	0.5844724	0.6458055	0.6541969	1.8521279
2402000000	2.827433388	-1.72787596	-3.818895988	-4.263874508	-3.201240019	-3.388925464	0.6442511	0.6120773	0.6917322	0.6769455	2.3620067
2402000000	2.827433388	-1.677516082	-3.118291225	-3.964629783	-2.521937117	-2.757337231	0.6983698	0.6353319	0.7480027	0.7280209	2.9470555
2402000000	2.827433388	-1.623156204	-2.494644288	-3.725427152	-1.806944473	-1.954368738	0.7503567	0.6512214	0.8121809	0.7985122	3.5572816
2402000000	2.827433388	-1.570796329	-1.959342876	-3.506132106	-1.091949203	-1.156051694	0.7980551	0.6678272	0.8818659	0.8753363	4.144955
2402000000	2.827433388	-1.518436449	-1.5137272	-3.271993769	-0.401279317	-0.475858999	0.8400664	0.6861204	0.9548519	0.9447181	4.6796004
2402000000	2.827433388	-1.466076572	-1.153149111	-2.998752863	0.249140264	0.038575945	0.8756742	0.7080474	1.0209987	1.0064511	5.1470219
2402000000	2.827433388	-1.413716694	-0.870132762	-2.676862213	0.848793466	0.373701092	0.9046766	0.7347791	1.1026551	1.0439629	5.5431816
2402000000	2.827433388	-1.361356817	-0.656783849	-2.312485962	1.390549952	0.537241134	0.9271731	0.71662592	1.17362	1.0638051	5.8691457
2402000000	2.827433388	-1.308996939	-0.506564748	-1.924430506	1.869568165	0.547854195	0.9433476	0.8012692	1.240162	1.0651057	6.1282529
2402000000	2.827433388	-1.256637061	-0.415475433	-1.538412555	2.82751436	0.431936559	0.9532926	0.8376824	1.3005815	1.0509858	6.324739
2402000000	2.827433388	-1.832595715	-5.325569766	-5.208058103	-4.26208303	-3.635736783	0.5416534	0.5490313	0.6122036	0.6579807	1.4408379
2402000000	2.827433388	-1.780235837	-4.570103515	-4.664719317	-3.797965819	-3.685830116	0.5908739	0.5844724	0.6458055	0.6541969	1.8521279
2402000000	2.827433388	-1.72787596	-3.818895988	-4.263874508	-3.201240019	-3.388925464	0.6442511	0.6120773	0.6917322	0.6769455	2.3620067
2402000000	2.827433388	-1.677516082	-3.118291225	-3.964629783	-2.521937117	-2.757337231	0.6983698	0.6353319	0.7480027	0.7280209	2.9470555
2402000000	2.827433388	-1.623156204	-2.494644288	-3.725427152	-1.806944473	-1.954368738	0.7503567	0.6512214	0.8121809	0.7985122	3.5572816
2402000000	2.827433388	-1.570796329	-1.959342876	-3.506132106	-1.091949203	-1.156051694	0.7980551	0.6678272	0.8818659	0.8753363	4.144955
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2402000000	2.827433388	-1.466076572	-1.153149111	-2.998752863	0.249140264	0.038575945	0.8756742	0.7080474	1.0209987	1.0064511	5.1470219
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2402000000	2.827433388	-1.361356817	-0.656783849	-2.312485962	1.390549952	0.537241134	0.9271731	0.71662592	1.17362	1.0638051	5.8691457
2402000000	2.827433388	-1.308996939	-0.506564748	-1.924430506	1.869568165	0.547854195	0.9433476	0.8012692	1.240162	1.0651057	6.1282529
2402000000	2.827433388	-1.256637061	-0.415475433	-1.538412555	2.82751436	0.431936559	0.9532926	0.8376824	1.3005815	1.0509858	6.324739
2402000000	2.827433388	-1.832595715	-5.325569766	-5.208058103	-4.26208303	-3.635736783	0.5416534	0.5490313	0.6122036	0.6579807	1.4408379
2402000000	2.827433388	-1.780235837	-4.570103515	-4.664719317	-3.797965819	-3.685830116	0.5908739	0.5844724	0.6458055	0.6541969	1.8521279
2402000000	2.827433388	-1.72787596	-3.818895988	-4.263874508	-3.201240019	-3.388925464	0.6442511	0.6120773	0.6917322	0.6769455	2.3620067
2402000000	2.827433388	-1.677516082	-3.118291225	-3.964629783	-2.521937117	-2.757337231	0.6983698	0.6353319	0.7480027	0.7280209	2.9470555
2402000000	2.827433388	-1.623156204	-2.494644288	-3.725427152	-1.806944473	-1.954368738	0.7503567	0.6512214	0.8121809	0.7985122	3.5572816
2402000000	2.827433388	-1.570796329	-1.959342876	-3.506132106	-1.091949203	-1.156051694	0.7980551	0.6678272	0.8818659	0.8753363	4.144955
2402000000	2.827433388	-1.518436449	-1.5137272	-3.271993769	-0.401279317	-0.475858999	0.8400664	0.6861204	0.9548519	0.9447181	4.6796004
2402000000	2.827433388	-1.466076572	-1.153149111	-2.998752863	0.249140264	0.038575945	0.8756742	0.7080474	1.0209987	1.0064511	5.1470219
2402000000	2.827433388	-1.413716694	-0.870132762	-2.676862213	0.848793466	0.373701092	0.9046766	0.7347791	1.1026551	1.0439629	5.5431816
2402000000	2.827433388	-1.361356817	-0.656783849	-2.312485962	1.390549952	0.537241134	0.9271731	0.71662592	1.17362	1.0638051	5.8691457
2402000000	2.827433388	-1.308996939	-0.506564748	-1.924430506	1.869568165	0.547854195	0.9433476	0.8012692	1.240162	1.0651057	6.1282529
2402000000	2.827433388	-1.256637061	-0.415475433	-1.538412555	2.82751436	0.431936559	0.9532926	0.8376824	1.3005815	1.0509858	6.324739
2402000000	2.827433388	-1.832595715	-5.325569766	-5.208058103	-4.26208303	-3.635736783	0.5416534	0.5490313	0.6122036	0.6579807	1.4408379
2402000000	2.827433388	-1.780235837	-4.570103515	-4.664719317	-3.797965819	-3.685830116	0.5908739	0.5844724	0.6458055	0.6541969	1.8521279
2402000000	2.827433388	-1.72787596	-3.818895988	-4.263874508	-3.201240019	-3.388925464	0.6442511	0.6120773	0.6917322	0.6769455	2.3620067
2402000000	2.827433388	-1.677516082	-3.118291225	-3.964629783	-2.521937117	-2.757337231	0.6983698	0.6353319	0.7480027	0.7280209	2.9470555
2402000000	2.827433										

2402000000	2.879793266	-2.722713633	-8.672170506	-6.518608433	-5.20625163	-4.387079949	0.368461	0.4721387	0.5491455	0.6034565	-0.029575
2402000000	2.879793266	-2.670353756	-7.837430393	-6.863890666	-4.897213513	-4.659369932	0.4056285	0.4537383	0.5690355	0.5848325	0.0572887
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2402000000	2.879793266	-2.408554368	-5.160796035	-12.20624203	-4.806438279	-8.611063135	0.5520268	0.2452945	0.5750136	0.3710623	-1.192673
2402000000	2.879793266	-2.35619449	-5.289784184	-13.45070401	-4.763568697	-8.607488543	0.5438896	0.2125518	0.5796576	0.371215	-1.374331
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2402000000	2.879793266	-2.199114858	-6.751882991	-15.7310208	-4.330867819	-5.597975109	0.4596273	0.1634741	0.6073746	0.5249298	-1.133049
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2402000000	2.879793266	-1.832595715	-5.750470358	-5.712129342	-4.626580453	-3.614908883	0.5157942	0.5180761	0.5870404	0.6595604	1.1399068
2402000000	2.879793266	-1.780235837	-4.92755631	-5.044120355	-4.278026274	-3.165131177	0.5670511	0.5594921	0.6110809	0.6826127	1.6565571
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2402000000	2.879793266	-1.675516082	-3.426792381	-4.146204744	-3.428689742	-2.815042934	0.6740008	0.6204257	0.7047449	0.808125	2.9443297
2402000000	2.879793266	-1.623156204	-2.802196875	-3.827062446	-2.800213274	-0.997087054	0.7242528	0.6436457	0.7691116	0.8915499	3.6041234
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2402000000	2.879793266	-1.518436449	-1.838526671	-3.247309657	-0.745171968	0.333712377	0.8092332	0.688073	0.9177859	1.0391677	4.7464999
2402000000	2.879793266	-1.466076572	-1.491942208	-2.930806284	-0.037464504	0.732915179	0.8421761	0.713608	0.9956691	1.0880894	5.2004004
2402000000	2.879793266	-1.413716694	-1.225954609	-2.582015323	0.607928945	0.956286621	0.8683649	0.7428468	1.0724979	1.1163859	5.5752902
2402000000	2.879793266	-1.361356817	-1.032934665	-2.208308526	0.183633554	1.02205256	0.8878779	0.7750409	1.1459922	1.1248905	5.8766737
2402000000	2.879793266	-1.308996939	-0.906446812	-1.827740625	1.686409971	0.959319798	0.9090092	0.8102387	1.2142846	1.1167758	6.1117589
2402000000	2.879793266	-1.256637061	-0.842016001	-1.46333311	1.115479155	0.802334682	0.9076098	0.8484857	1.2757746	1.0967173	6.2881149
2402000000	2.879793266	-1.204277184	-0.837485976	-1.137748547	2.471429112	0.588654983	0.9080833	0.8772282	1.3291422	1.0701207	6.4124259
2402000000	2.879793266	-1.151917306	-0.892945778	-0.869631204	2.755427902	0.351519991	0.9023036	0.9047289	1.3733189	1.0413003	6.4890481
2402000000	2.879793266	-1.099557429	-1.010198692	-0.671752827	2.968600536	0.111366604	0.8902051	0.9255766	1.4074404	1.012904	6.5187778
2402000000	2.879793266	-1.047197551	-1.191813143	-0.550468737	3.111608367	-0.130150332	0.8717849	0.9385914	1.4308049	0.9851276	6.4986246
2402000000	2.879793266	-0.994837674	-1.439904866	-0.506017612	3.184547401	-0.389115945	0.8472367	0.9434071	1.4428706	0.95619	6.4230676
2402000000	2.879793266	-0.942477796	-1.754855545	-0.533432434	3.187322266	-0.691054165	0.8170662	0.9404341	1.4433316	0.9235221	6.2685187
2402000000	2.879793266	-0.890117919	-2.134204889	-0.624011621	3.120604261	-0.1059237151	0.7821495	0.9306779	1.4322875	0.8851933	6.086165
2402000000	2.879793266	-0.837758041	-2.571883103	-0.760726704	2.987332373	-1.503877291	0.7437138	0.9154459	1.410479	0.8410196	5.8244176
2402000000	2.879793266	-0.785398163	-3.057887836	-0.952897132	2.794517968	-2.014304402	0.7032433	0.8960972	1.3795133	0.7930212	5.510546
2402000000	2.879793266	-0.733038286	-3.578393586	-1.172128179	2.554862764	-2.554782711	0.662339	0.8737629	1.341971	0.7451794	5.1613717
2402000000	2.879793266	-0.680678408	-4.116135878	-1.417321903	2.287356467	-3.065113049	0.6225772	0.8494423	1.3012712	0.7026586	4.8008688
2402000000	2.879793266	-0.628318531	-4.65079112	-1.679651578	2.015836558	-3.46859177	0.5854104	0.8241712	1.2612228	0.670765	4.5484099
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2402000000	2.879793266	-0.471238898	-5.984874	-2.3872865	1.387259249	-3.431291826	0.502608	0.7596887	1.1731754	0.6736517	3.8306317
2402000000	2.879793266	-0.41887902	-6.238335397	-2.495145518	1.260652111	-2.989951126	0.4876219	0.7503134	1.1561991	0.7086653	3.8147549
2402000000	2.879793266	-0.366519143	-6.342189522	-2.483799639	1.154754146	-2.425358932	0.4818263	0.7512942	1.1421883	0.7576631	3.8949335
2402000000	2.879793266	-0.314159265	-6.273332624	-2.338382182	1.046228724	-1.814322054	0.4856612	0.7639781	1.1280061	0.8114914	4.0528626
2402000000	2.879793266	-0.261799388	-6.025865507	-2.066079994	0.913070914	-1.225621444	0.499697	0.7882602	1.1108452	0.8684341	4.2630116
2402000000	2.879793266	-0.20943951	-5.614847137	-1.695344505	0.73864653	-0.712421856	0.5239112	0.8226835	1.0887652	0.921253	4.4974251
2402000000	2.879793266	-0.157079633	-5.072946426	-1.261203194	0.513377358	-0.313838006	0.5576384	0.8648481	1.0608864	0.964513	4.7304578
2402000000	2.879793266	-0.104719755	-4.442374905	-0.801567964	0.234173316	-0.049845554	0.5996271	0.9158462	1.0273269	0.9942778	4.9244646
2402000000	2.879793266	-0.052359878	-3.766869544	-0.349553129	0.095958879	0.077857992	0.6481216	0.9605552	0.9890131	1.009004	5.1215861
2402000000	2.879793266	-4.444616	-3.086594278	0.0675699	-0.468656012	0.0045658	0.700923	1.0078093	0.9474738	1.0097835	5.2632246
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2402000000	2.879793266	0.157079633	-1.328654507	0.92345285	-1.674338801	-0.37978459	0.858158	1.1217378	0.8246754	0.9572178	5.4651776
2402000000	2.879793266	0.20943951	-0.908001303	1.044172832	-2.019497237	-0.65893227	0.900741	1.1277391	0.7925472	0.9269438	5.4553247
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2402000000	2.879793266	0.314159265	-0.369683156	1.050296181	-2.430159939	-1.435372404	0.9583317	1.1285344	0.7559481	0.8467789	5.3102881
2402000000	2.879793266	0.366519143	-0.243951855	0.96658116	-2.442530333	-1.898880701	0.9723047	1.1177098	0.7548723	0.8036297	5.2217264
2402000000	2.879793266	0.41887902	-0.195039975	0.858110001	-2.312646365	-2.329082232	0.9777954	1.1038384	0.766245	0.7647965	5.1359789
2402000000	2.879793266	0.471238898	-0.199442721	0.755577919	-2.058444682	-2.631205434	0.9772999	1.098848	0.789692	0.7386517	5.0970703
2402000000	2.879793266	0.523598776	-0.228662685	0.688415246	-1.680848855	-2.738042141	0.9740177	1.0824222	0.8240576	0.729622	5.1299759
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2402000000	2.879793266	0.733038286	-0.139703566	1.002928069	0.260019914	-2.220403073	0.9840447	1.1223968	1.0303885	0.7744259	5.8257245
2402000000	2.879793266	0.785398163	-0.049338963	1.178							

2402000000	2.932153143	-2.827433388	-11.00477089	-7.422212504	-6.81972963	-5.021051475	0.2816835	0.42549	0.4560511	0.5609801	-1.288823
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2402000000	2.932153143	-2.722713633	-9.38197389	-6.978726807	-5.518821527	-4.679352169	0.3395481	0.4477789	0.5297353	0.5834886	-0.443009
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2402000000	2.932153143	-2.199114858	-7.929829794	-15.68066446	-4.274973037	-5.496684403	0.4013364	0.1644426	0.6112957	0.5310871	-1.370111
2402000000	2.932153143	-2.14675498	-8.480558009	-15.60330498	-4.119935089	-4.577469768	0.3766796	0.1658956	0.6223049	0.590373	-1.133805
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2402000000	2.932153143	-1.93731547	-7.691304139	-8.821957619	-4.429753495	-3.569620201	0.4125103	0.3621614	0.6004991	0.6630083	0.1642468
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2402000000	3.036872899	-0.157079633	-4.123098791	-1.472338013	0.360581696	-0.163396877	0.6207083	0.844079	1.0423872	0.9813641	4.8356812
2402000000	3.036872899	-0.104719755	-3.816629642	-0.945105497	0.143235772	0.032607022	0.6444193	0.8969014	1.0166273	1.0037611	5.0125691
2402000000	3.036872899	-0.052359878	-3.464232499	-0.420788067	0.108870676	0.08870654	0.6711018	0.9527097	0.9844563	1.0126131	5.1556849
2402000000	3.036872899	-4.44E-16	-3.086594186	0.06756686	-0.466865637	0.084566036	0.700923	1.0078893	0.9474737	1.0097836	5.3622245
2402000000	3.036872899	0.052359878	-2.709103712	0.493623891	-0.836433297	-0.01815092	0.7320569	1.0584764	0.9081934	0.9979125	5.3355413
2402000000	3.036872899	0.104719755	-2.358475304	0.837918482	-1.211104308	-0.18680382	0.7622128	1.1012754	0.8698509	0.9787322	5.371705
2402000000	3.036872899	0.157079633	-2.059327657	1.087913305	-1.554988932	-0.425480659	0.7889212	1.1334325	0.8360852	0.9521952	5.3683627
2402000000	3.036872899	0.20943951	-1.831250921	1.238230641	-1.82527939	-0.749836291	0.8099113	1.1532183	0.8104683	0.9172932	5.3202048
2402000000	3.036872899	0.261799388	-1.686512343	1.291185819	-1.982518591	-1.17050342	0.8235204	1.1602706	0.7959221	0.8739263	5.2339139
2402000000	3.036872899	0.314159265	-1.628344471	1.25764932	-2.001756043	-1.671345753	0.8290539	1.1557994	0.7941677	0.8249597	5.1150491
2402000000	3.036872899	0.366519143	-1.649765114	1.157948804	-1.97503892	-2.191962524	0.8270119	1.1426084	0.8054244	0.7769567	4.9888848
2402000000	3.036872899	0.41887902	-1.733190245	1.022029901	-1.634155204	-2.630150965	0.8191067	1.1248678	0.8284995	0.7387414	4.8885497
2402000000	3.036872899	0.471238898	-1.8515270								

2402000000	3.089232776	-3.141592654	-20.78073504	-20.83728104	-16.50798656	-18.48822258	0.0914036	0.0908105	0.1494861	0.1190115	-12.94263
2402000000	3.089232776	-3.089232776	-20.27317377	-23.02277138	-16.50455578	-14.04427742	0.0969039	0.0706692	0.1495451	0.1985117	-11.77485
2402000000	3.089232776	-3.036872899	-17.88476618	-17.30364863	-14.46525843	-10.97297663	0.1275739	0.1364001	0.1891198	0.2827165	-8.685272
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2402000000	3.089232776	-2.932153143	-14.48453433	-10.45634934	-10.44821983	-7.181723845	0.1887006	0.3000243	0.3003233	0.4374353	-4.247238
2402000000	3.089232776	-2.879793266	-13.5803685	-8.866288282	-9.109901878	-6.118782816	0.2094024	0.3603177	0.3503522	0.49438	-3.008834
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2402000000	3.089232776	-2.565634	-8.924329202	-11.17906066	-6.178225385	-8.201166752	0.357918	0.2760876	0.4910082	0.3889929	-2.418044
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2402000000	3.089232776	-2.408554368	-8.533221906	-12.72815381	-6.440468077	-9.509297532	0.3744026	0.2309895	0.4764053	0.3346071	-2.996854
2402000000	3.089232776	-2.35619449	-8.766325565	-12.62507128	-6.418690541	-8.208217174	0.3644884	0.2337472	0.4776013	0.3886773	-2.706728
2402000000	3.089232776	-2.303834613	-9.027662143	-12.67876203	-6.198964933	-6.795298875	0.3536852	0.2323068	0.4898372	0.4573356	-2.394823
2402000000	3.089232776	-2.251474735	-9.196411127	-13.01569983	-5.781814903	-5.606828144	0.3468801	0.2234678	0.5139363	0.5243951	-1.89121
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2402000000	3.089232776	-1.570796327	-3.398239777	-5.290141783	-1.327522214	-1.574332106	0.67622	0.5438673	0.8582699	1.1987168	4.2891251
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2402000000	3.089232776	-0.157079633	-3.811429968	-1.539540808	0.302131008	-0.109439475	0.6448052	0.8375736	1.0353962	0.9874794	4.8737905
2402000000	3.089232776	-0.104719755	-3.609364193	-0.989283738	0.108555751	-0.06078607	0.6599815	0.8923512	1.0125764	1.0070228	5.0374635
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2402000000	3.089232776	3.089232776	-18.44223443	-16.50018732	-14.49075673	-24.71104734	0.1196433	0.1496203	0.1885655	0.0581363	-11.76819
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2403000000	0	-3.141592654	-16.53959327	-19.21329925	-17.12079942	-17.73412119	0.1489431	0.1094801	0.1393029	0.1298058	-11.57563
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2403000000	0	-2.199114858	-7.596492713	-4.019780237	-6.500744628	-8.192311572	0.4170377	0.6295221	0.4731107	0.3893986	-0.404167
2403000000	0	-2.14675498	-6.668193254	-3.545816037	-6.310535199	-8.130072929	0.4640773	0.6648278	0.4835855	0.3921899	0.0203033
2403000000	0	-2.094395102	-5.951432617	-3.140903375	-6.00763403	-8.277816881	0.5039975	0.6965541	0.5007469	0.3855753	0.3693236
2403000000	0	-2.042035225	-5.409225319	-2.778667591	-5.616874265	-8.594225413	0.5364617	0.7262174	0.5327889	0.3717823	0.6614362
2403000000	0	-1.989675347	-4.995137399	-2.41976118	-5.176148055	-8.994562642	0.5625652	0.7568537	0.551052	0.3550356	0.9283327
2403000000	0	-1.93731547	-4.657054412	-2.025293606	-4.717441466	-9.364074602	0.5849884	0.7920185	0.5809355	0.3402485	1.2071224
2403000000	0	-1.884955592	-4.343629757	-1.570757062	-4.258224929	-9.593640829	0.6064828	0.8345688	0.6124755	0.3313736	1.5288066
2403000000	0	-1.832595715	-4.014116779	-1.054096196	-3.802243654	-9.629044973	0.6299327	0.8857174	0.6454875	0.3300257	1.907444
2403000000	0	-1.780235837	-3.647905891	-0.943782233	-3.344872654	-9.495005595	0.6570595	0.4977369	0.6803876	0.3353492	2.337244
2403000000	0	-1.72787596	-3.247926449	0.080598798	-2.879147576	-9.235732668	0.6880241	1.0093225	0.7178647	0.3453133	2.7992328
2403000000	0	-1.675516082	-2.835272105	0.638662894	-2.400342018	-8.912459511	0.7215001	1.0762995	0.7585477	0.3584074	3.2714405
2403000000	0	-1.623156204	-2.438269091	1.155806875	-1.908299786	-8.527196563	0.7552427	1.1423267	0.8027587	0.3746625	3.7362759
2403000000	0	-1.570796327	-2.081850997	1.615498499	-1.407628171	-8.053641924	0.7868781	1.2044116	0.8503908	0.3956561	4.1831572
2403000000	0	-1.518436449	-1.780999085	2.0088808	-0.906449235	-7.460204707	0.8146106	1.2602132	0.909002	0.423633	4.6073402
2403000000	0	-1.466076572	-1.538963726	2.333301584	-0.414549203	-6.741986563	0.8376292	1.3081727	0.9533943	0.4601513	5.0068079
2403000000	0	-1.4137116694	-1.349416958	2.590674092	0.058339729	-5.93496781	0.8561092	1.3475153	1.0067392	0.5049538	5.3793186
2403000000	0	-1.361356817	-1.201213941	2.785962003	0.503709697	-5.103720347	0.8708419	1.3781551	1.0597062	0.5556662	5.7209728
2403000000	0	-1.308996939	-1.083994434	2.925811575	0.914714016	-4.316809587	0.8826739	1.4005241	1.1110554	0.6083584	6.0262694
2403000000	0	-1.256637061	-0.992453166	3.017284927	1.285928414	-3.628297748	0.8920256	1.4153513	1.1595685	0.6585445	6.2889108
2403000000	0	-1.204277184	-0.92757915	3.06671033	1.612689753	-3.070606717	0.898713	1.423428	1.2040222	0.7022143	6.5028753
2403000000	0	-1.151917306	-0.894777013	3.078711021	1.890369375	-2.654397917	0.9021134	1.4253961	1.2431355	0.7366821	6.6635571
2403000000	0	-1.099557429	-0.900341495	3.055521218	2.113937258	-2.37067675	0.9015357	1.4215956	1.2755482	0.7611428	6.7687758
2403000000	0	-1.047197551	-0.948032115	2.996725298	2.278024394	-2.193445515	0.8965993	1.4120051	1.2998739	0.7768331	6.8194088
2403000000	0	-0.994837674	-1.036610328	2.899478958	2.377478188	-2.083948736	0.8875023	1.3962846	1.314843	0.7866881	6.8194219
2403000000	0	-0.942477796	-1.158232254	2.759279471	2.408189624	-1.998610173	0.8751619	1.3739228	1.3195003	0.7944553	6.7751949
2403000000	0	-0.890119719	-1.297517562	2.571298256	2.367904848	-1.901031284	0.8612399	1.3445127	1.3133946	0.8034307	6.6942568
2403000000	0	-0.837758041	-1.431825007	2.3232315427	2.256755959	-1.773945278	0.8480252	1.3080242	1.2966949	0.8152724	6.5839222
2403000000	0	-0.785398163	-1.534027238	2.04327788	2.077374889	-1.623955422	0.8381054	1.2652137	1.2701902	0.829473	6.4505512
2403000000	0	-0.733038286	-1.578623176	1.712445826	1.834631236	-1.475450322	0.8381331	1.2179299	1.2351837	0.8437766	6.2998807
2403000000	0	-0.680678408	-1.549719794	1.358720896	1.535213205	-1.357772065	0.8365926	1.1693272	1.1933303	0.8552861	6.1382235
2403000000	0	-0.628318531	-1.446752578	1.013847813	1.187442261	-1.292851698	0.846569	1.1238807	1.1464949	0.8617026	5.9739515
2403000000	0	-0.575958653	-1.284229425	0.702798944	0.80175181	-1.287430114	0.8625584	1.0865256	1.0966994	0.8622407	5.8185446
2403000000	0	-0.523598776	-1.085897302	0.5205051	0.392168986	-1.330088711	0.8824805	1.0623131	1.0461849	0.8580164	5.6863469
2403000000	0	-0.471238898	-0.87749435	0.458662499	-0.021297084	-1.392433794	0.9039102	1.0562245	0.9975511	0.8518798	5.592348
2403000000	0	-0.41887902	-0.681917102	0.524619989	-0.41023079	-1.43493775	0.9244941	1.0622604	0.9538684	0.8477213	5.4583888
2403000000	0	-0.366519143	-0.517696286	0.6092924676	-0.737374174	-1.41815475	0.9421394	1.0830403	0.9186103	0.8933609	5.5594117
2403000000	0	-0.314159265	-0.399384867	0.911477372	-0.961072478	-1.317023532	0.9550602	1.110676	0.8952542	0.8593079	5.6213457
2403000000	0	-0.261799388	-0.338059203	1.124733741	-1.046228016	-1.131338595	0.9618272	1.1382475	0.8865201	0.8778758	5.7212001
2403000000	0	-0.20943951	-0.340916817	1.28390855	-0.978429137	-0.885658562	0.9615108	1.1592899	0.8934671	0.903061	5.8392204
2403000000	0	-0.157079633	-0.409951209	1.354925165	-0.772488233	-0.619297067	0.9538991	1.1688163	0.9149041	0.9311832	5.9525904
2403000000	0	-0.104719755	-0.540375507	1.371102253	-0.468595292	-0.373791221	0.9396827	1.1637377	0.9474804	0.9578785	6.0396331
2403000000	0	-0.052359878	-0.719743287	1.161527648	-0.118905071	-0.184383843	0.9204768	1.1430794	0.9864038	0.9789958	6.08325
2403000000	0	-4.44E-16	-0.928698185	0.88917068	0.226407824	-0.076933047	0.8985973	1.1077928	1.0264089	0.9911819	6.0727518
2403000000	0	0.052359878	-1.143859258	0.509676786	0.52758364	-0.068246241	0.8766112	1.0604345	1.0626229	0.9921736	6.0028676
2403000000	0	0.104719755	-1.342444205	0.040838076	0.758031496	-0.167285433	0.8567967	1.0407127	1.091193	0.9809248	5.8752642
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2403000000	0	0.20943951	-1.628574062	-1.05378499	0.963335136	-0.683568371	0.829032	0.8857492	1.1172922	0.9243184	5.4748175
2403000000	0	0.261799388	-1.705867126	-1.604950606	0.944821864	-0.76787544	0.8216874	0.8312898	1.1149133	0.8843335	5.2305483
2403000000	0	0.314159265	-1.743064112	-2.098725037	0.867567901	-1.479030683	0.8181761	0.7853059	1.105041	0.8434289	4.9888516
2403000000	0	0.366519143	-1.745958571	-2.487712615	0.760368488	-1.388055006	0.8179035	0.7950558	1.0914866	0.9014866	4.7850459
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2443000000	0	2.984513021	-17.13352935	-12.44513952	-10.90191847	-10.53775106	0.1390988	0.2386399	0.2850389	0.2972436	-6.374984
2443000000	0	3.036872899	-17.4817683	-16.2665652	-13.08490856	-12.24317186	0.1336323	0.1536992	0.2216943	0.2442538	-8.481474
2443000000	0	3.089232776	-17.52881093	-20.57521217	-15.71892968	-14.47807872	0.1329105	0.300592	0.1637018	0.1888409	-10.76635
2443000000	0	3.141592654	-16.53959327	-19.21329925	-17.12079942	-17.73412119	0.1489431	0.1094801	0.1393029	0.1298058	-11.57563
2443000000	0.052359878	-3.141592654	-16.53959299	-19.21329885	-17.12079967	-17.73412116	0.1489431	0.1094801	0.1393029	0.1298058	-11.57563
2443000000	0.052359878	-3.089232776	-14.82833904	-15.76960249	-15.52315016	-23.37878509	0.1813773	0.1627496	0.1674336	0.0677356	-10.76202
2443000000	0.052359878	-3.036872899	-12.99430604	-13.54693176	-13.19365503	-29.69959292	0.2240189	0.21021	0.218936	0.0327356	-9.295377
2443000000	0.052359878	-2.984513021	-11.51055794	-12.37799253	-11.38339894	-21.05023973	0.2657493	0.2404919	0.2696684	0.086111	-7.285093
2443000000	0.052359878	-2.932153143	-10.49627664	-11.90927108	-10.17869789	-16.0117134	0.2986663	0.2538262	0.3097884	0.1582757	-5.843858
2443000000	0.052359878	-2.879793266	-9.930966522	-11.81646019	-9.044758739	-12.96625502	0.3187511	0.2565529	0.3371802	0.2247436	-4.903651
2443000000	0.052359878	-2.827433388	-9.75343971	-11.74110215	-9.412458557	-10.98358056	0.3253329	0.2587885	0.3542233	0.2823716	-4.288306
2443000000	0.052359878	-2.775073511	-9.894877015	-11.37109796	-8.732188257	-9.713592837	0.3200782	0.2700506	0.3659237	0.3268288	-3.85687
2443000000	0.052359878	-2.722713633	-10.29358335	-10.64594775	-8.454591292	-8.991710804	0.3057179	0.2935639	0.3778074	0.3551522	-3.528942
2443000000	0.052359878	-2.670353756	-10.90487085	-9.7579897	-8.09903008	-8.722196966	0.284942	0.3251625	0.393594	0.3663449	-3.285913
2443000000	0.052359878	-2.617993878	-11.7012536	-8.922456738	-7.66461238	-8.826518083	0.2599784	0.3579952	0.4137799	0.3619713	-3.13706
2443000000	0.052359878	-2.565634	-12.6485646	-8.240704541	-7.208856007	-9.203644957	0.2331158	0.3872262	0.436071	0.3465914	-3.079419
2443000000	0.052359878	-2.513274123	-13.64017029	-7.704258829	-6.799209494	-6.689741365	0.2079656	0.4118955	0.4571298	0.3277275	-3.068814
2443000000	0.052359878	-2.460914245	-14.39511503	-7.237850887	-6.479021763	-10.47070635	0.1906533	0.4346177	0.4742954	0.314519	-3.011087
2443000000	0.052359878	-2.408554368	-14.47784033	-6.747592411	-6.258063361	-10.05988543	0.1888461	0.4598544	0.4865157	0.3140505	-2.797607
2443000000	0.052359878	-2.35619449	-13.6945442	-6.11716364	-6.11727789	-9.709155694	0.2066678	0.4913808	0.4944656	0.3269958	-2.386528
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2443000000	0.052359878	-2.251474758	-10.91045875	-4.816038047	-5.921080095	-8.718850353	0.2847587	0.5743784	0.5057618	0.3664861	-1.252727
2443000000	0.052359878	-2.199114858	-9.588111112	-4.149435866	-5.788909378	-8.458483254	0.3315847	0.6201949	0.5135167	0.3776468	-1.0710362
2443000000	0.052359878	-2.14675498	-8.480218652	-3.553218121	-5.606760424	-8.471154764	0.3766943	0.6642615	0.5243991	0.3770876	-0.253636
2443000000	0.052359878	-2.094395102	-7.597259415	-3.039674427	-5.37719734	-8.765897818	0.4170009	0.7047195	0.5384435	0.3645064	0.1064862
2443000000	0.052359878	-2.042035225	-6.915761842	-2.594805323	-5.11299274	-9.303811228	0.4510367	0.7417537	0.5550733	0.3426174	0.3843254
2443000000	0.052359878	-1.989675347	-6.392877426	-2.187735098	-4.826438299	-9.990247247	0.4790227	0.777344	0.5736911	0.3165043	0.6142693
2443000000	0.052359878	-1.93731547	-5.971678075	-1.782423774	-4.523350869	-10.67506596	0.5028241	0.814477	0.5941313	0.2925814	0.8436863
2443000000	0.052359878	-1.884955592	-5.587467603	-1.349616401	-4.19693571	-11.1553651	0.5255652	0.8560895	0.6168126	0.2768419	1.1202804
2443000000	0.052359878	-1.832595715	-5.180236872	-0.857669767	-3.841213023	-11.29063196	0.5507927	0.9041001	0.642598	0.2725639	1.4745674
2443000000	0.052359878	-1.780235837	-4.711646607	-0.364845059	-3.442298191	-11.08430039	0.5813232	0.9588656	0.6724889	0.2791162	1.9096423
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2443000000	0.052359878	-1.675516082	-3.603475844	0.690870929	-2.527978171	-10.09915561	0.6604291	1.0827893	0.7474826	0.3126383	2.9329103
2443000000	0.052359878	-1.623156204	-3.033513313	1.189900655	-2.01468969	-9.474351402	0.7052195	1.1468194	0.792986	0.335956	3.4665841
2443000000	0.052359878	-1.570796327	-2.508454021	1.644721228	-1.479678205	-8.766191726	0.7491647	1.2084705	0.843366	0.364494	3.9882334
2443000000	0.052359878	-1.518436449	-2.056873159	2.043886464	-0.936068966	-7.953000448	0.7891442	1.2653024	0.897835	0.4002672	4.4869022
2443000000	0.052359878	-1.466076572	-1.691513226	2.381610571	-0.39669821	-7.039420509	0.8230464	1.3154867	0.9553557	0.4446609	4.9558621
2443000000	0.052359878	-1.4131716694	-1.411403574	2.656683296	0.126865494	-6.068217431	0.8500213	1.3577949	1.0147131	0.4972664	5.3897819
2443000000	0.052359878	-1.361356817	-1.206620083	3.07212324	0.624685801	-5.410919393	0.8703	1.391748	1.074569	0.5555895	5.7833176
2443000000	0.052359878	-1.308996939	-1.063786435	3.289371858	1.08835498	-4.512493156	0.8847298	1.4173222	1.1334901	0.6155812	6.1309094
2443000000	0.052359878	-1.256637061	-0.970823961	3.13622055	1.510570104	-3.445167082	0.8942497	1.4344865	1.1899496	0.7225764	6.4270871
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2443000000	0.052359878	-1.151917306	-0.907104956	3.214268814	2.203812584	-2.364948886	0.900834	1.4478162	1.2888151	0.7616449	6.846697
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2443000000	0.052359878	-0.994837674	-1.10008399	3.019511733	2.76817465	-1.770359755	0.8810404	1.4517142	1.3753358	0.851609	7.0198751
2443000000	0.052359878	-0.942777796	-1.238453812	2.865344943	2.8075106	-1.717664955	0.8671162	1.3908082	1.3815784	0.8205721	6.9662342
2443000000	0.052359878	-0.890117919	-1.403424737	2.66077562	2.767828383	-1.669203568	0.8508025	1.3584347	1.3752809	0.8251631	6.8675442
2443000000	0.052359878	-0.837758041	-1.579078809	2.403910812	2.649995429	-1.599406842	0.8337696	1.3188504	1.3567498	0.8318206	6.7315768
2443000000	0.052359878	-0.785398163	-1.741973491	2.097158397	2.45951348	-1.504978822	0.8182788	1.2730865	1.3270127	0.840913	6.5661464
2443000000	0.052359878	-0.733038286	-1.864128681	1.750390897	2.196181065	-1.402468585	0.8065814	1.2232621	1.2876833	0.8508962	6.3793982
2443000000	0.052359878	-0.680678408	-1.919844536	1.384276022	1.873806027	-1.317415121	0.8016924	1.1277726	1.2407672	0.8592692	6.1808895
2443000000	0.052359878	-0.628318531	-1.89403973	1.032339417	1.499871299	-1.271558871	0.8040777	1.1262038	1.1884846	0.8638176	5.9826893
2443000000	0.052359878	-0.575958653	-1.787534452	0.73885815	1.085971837	-1.273560636	0.8139979	1.088787	1.1331792	0.8636186	5.7997626
2443000000	0.052359878	-0.523598776	-1.616077712	0.549310213	0.647100418	-1.314834887	0.8302256	1.0652843	1.0773455	0.8595245	5.6487711
2443000000	0.052359878	-0.471238898	-1.404438321	0.493797238	0.203854064	-1.370279606	0.8507032	1.0584976	1.0237471	0.8540554	5.5453137
2443000000	0.052359878	-0.41887902	-1.179797469	0.571777367	-0.215189062	-1.404040196	0.8729917	1.0680403	0.9755288	0.8507422	5.5000182
2443000000	0.052359878	-0.366519143	-0.967460976	0.749642868	-1.380419567	-1.404019567	0.894596	1.0901397	0.9361725	0.8530589	5.5153623
2443000000	0.052359878	-0.314159265	-0.789031842	0.973266754	-0.827393691	-1.277265753	0.9131632	1.1185704	0.9091391	0.8632502	5.584491
2443000000	0.052359878	-0.261799388	-0.661610482	1.185607228	-0.946778579	-1.095386938	0.926658	1.1462527	0.8971418	0.8851169	5.6921545
2443000000	0.052359878	-0.20943951	-0.596812048	1.3390798	-0.9030495	-0.858168303	0.9335969	1.166686	0.90125	0.9059236	5.8172832
2443000000	0.052359878	-0.157079633	-0.599296907	1.400188179	-0.721665399	-0.602322043	0.9333298	1.174923	0.9202731	0.9330048	5.9366608
2443000000	0.052359878	-0.104719755	-0.665291631	1.349212391	-0.438062801	-0.366462046	0.9262654	1.1680478	0.9508168	0.9586871	6.0288847
2443000000	0.052359878	-0.052359878	-0.781980359	1.178214851	-0.104921483	-0.183328719	0.9139048	1.1452775	0.9879931	0.9791147	6.0775016
2443000000	0.052359878	-4.44E-16	-0.928697754	0.889170551	0.22607467	-0.076932978	0.8985973	1.1077928	1.0264088	0.9911819	6.072518
2443000000	0.052359878	0.052359878	-1.080513126	0.492776692	0.514809392	-0.062857386	0.8830277	1.0583732	1.0610613	0.9927894	6.0102828
2443000000	0.052359878	0.104719755	-1.21371408	0.007863464	0.732462	-0.149362888	0.8695895	1.0090957	1.0879855	0.982951	5.8924802
2443000000	0.052359878	0.157079633	-1.311239355	-0.53892545	0.864551439	-0.337464154	0.85				

2443000000	0.052359878	2.879793266	-15.66762613	-8.343322356	-8.802545439	-7.951800855	0.1646716	0.3826783	0.3629717	0.4003225	-3.670905
2443000000	0.052359878	2.932153143	-16.18883579	-9.931877784	-9.760028257	-9.091638657	0.1550809	0.3187176	0.3250862	0.3510897	-4.806836
2443000000	0.052359878	2.984513021	-16.63931759	-12.4273104	-11.2546197	-10.74735434	0.1472428	0.2391302	0.2736964	0.2994489	-6.379535
2443000000	0.052359878	3.036872899	-17.15293094	-16.1486484	-13.38855971	-12.18760004	0.1387885	0.1558	0.214078	0.2458216	-8.467552
2443000000	0.052359878	3.089327776	-17.34903109	-20.33160593	-15.91222315	-14.44545023	0.1356902	0.0962452	0.1600991	0.1895516	-10.72818
2443000000	0.052359878	3.141592654	-16.53959299	-19.21329885	-17.12079967	-17.73412116	0.1489431	0.1094801	0.1393029	0.1298058	-11.57563
2443000000	0.04719755	-3.141592654	-16.53959282	-19.21329897	-17.12079934	-17.73412108	0.1489431	0.1094801	0.1393029	0.1298058	-11.57563
2443000000	0.04719755	-3.089327776	-14.95670564	-15.8533663	-15.48808249	-23.29806169	0.1878165	0.1611876	0.1681109	0.0684064	-10.8058
2443000000	0.04719755	-3.036872899	-13.16642878	-13.60175084	-13.20523107	-28.70387957	0.2196234	0.2088875	0.2186444	0.0367118	-9.321165
2443000000	0.04719755	-2.984513021	-11.67266145	-12.36897127	-11.40462851	-20.97588447	0.2608356	0.2407418	0.2690101	0.0893729	-7.331031
2443000000	0.04719755	-2.932153143	-10.61456688	-11.80961698	-10.16084708	-16.15432294	0.2946264	0.2567551	0.3104257	0.1556983	-5.869864
2443000000	0.04719755	-2.879793266	-9.980460165	-11.60369677	-9.338538022	-13.21795911	0.31694	0.2629149	0.3412503	0.2183243	-4.886851
2443000000	0.04719755	-2.827433388	-9.713826057	-11.41863371	-8.783692103	-11.31675672	0.3268201	0.2685767	0.3637604	0.2717454	-4.216127
2443000000	0.04719755	-2.775073511	-9.749176218	-10.9908392	-8.35634077	-10.11644094	0.3254927	0.2821357	0.3821052	0.3120168	-3.730046
2443000000	0.04719755	-2.722713633	-10.02594983	-10.28445684	-7.952094469	-9.457904515	0.3152844	0.3060393	0.4003089	0.3365928	-3.361163
2443000000	0.04719755	-2.670353756	-10.49524718	-9.470071723	-7.522753452	-9.247978304	0.2987017	0.3361216	0.4205933	0.3448269	-3.096529
2443000000	0.04719755	-2.617993878	-11.11864893	-8.734811955	-7.076016199	-9.408580078	0.2780146	0.3658132	0.4427914	0.3385096	-2.943518
2443000000	0.04719755	-2.565634	-11.85387404	-8.168919977	-6.649813129	-9.835456314	0.2554502	0.3904397	0.4650604	0.3222754	-2.894308
2443000000	0.04719755	-2.513274123	-12.62480362	-7.760699381	-6.281475228	-9.35552589	0.2373544	0.4092277	0.4852061	0.3035454	-2.903355
2443000000	0.04719755	-2.460914245	-13.28492712	-7.424355009	-5.99001445	-10.71884962	0.2166475	0.4253851	0.5017637	0.2911103	-2.884127
2443000000	0.04719755	-2.408554368	-13.61579542	-7.040382696	-5.773249867	-10.71107543	0.20855	0.4466117	0.5144433	0.2913709	-2.739637
2443000000	0.04719755	-2.35619449	-13.43059839	-6.515946013	-5.613640882	-10.33770501	0.2130444	0.5122834	0.5239839	0.3041689	-2.421063
2443000000	0.04719755	-2.303834613	-12.73399594	-5.838412489	-5.487492313	-9.814263443	0.2308342	0.4705983	0.5316495	0.3230627	-1.959155
2443000000	0.04719755	-2.251474735	-11.72143608	-5.07211178	-5.373921411	-9.375961583	0.259375	0.557692	0.5386466	0.3397832	-1.43466
2443000000	0.04719755	-2.199114858	-10.62125533	-4.305254369	-5.260459821	-9.168953638	0.2943996	0.6091493	0.545729	0.3479784	-0.928399
2443000000	0.04719755	-2.14675498	-9.591784407	-3.604755785	-5.143214024	-9.253119798	0.3314445	0.6603318	0.5531454	0.3464228	-0.499358
2443000000	0.04719755	-2.094395102	-8.714666533	-2.998648952	-5.022138349	-9.625928802	0.3666627	0.7080559	0.5690909	0.3301441	-0.143495
2443000000	0.04719755	-2.042035225	-8.01686165	-2.484029061	-4.894496568	-10.22642644	0.3973351	0.7512743	0.5692135	0.3808908	0.1118187
2443000000	0.04719755	-1.989675347	-7.486702076	-2.036804916	-4.750178847	-10.91896138	0.4232426	0.3658132	0.5787501	0.2844801	0.3262159
2443000000	0.04719755	-1.93731547	-7.081088083	-1.623408791	-4.571308711	-11.48770429	0.4425329	0.8295522	0.5907919	0.2664494	0.5441349
2443000000	0.04719755	-1.884955592	-6.730418946	-1.211490444	-4.36587624	-11.7112047	0.4607645	0.8698122	0.6069747	0.2658656	0.8169833
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2443000000	0.04719755	-1.780235837	-5.870311963	-0.371382285	-3.640184133	-11.0231436	0.5087265	0.9641195	0.6576439	0.2810883	1.6254275
2443000000	0.04719755	-1.72787596	-5.260941201	-0.166025576	-3.176803133	-10.40719621	0.5456987	1.0192983	0.6936811	0.3017451	2.1456349
2443000000	0.04719755	-1.675516082	-4.550751321	0.655827473	-2.653377243	-9.772462441	0.5921919	1.0784285	0.7367686	0.3246212	2.7090466
2443000000	0.04719755	-1.623156204	-3.80430607	1.133056611	-2.08902029	-9.134534932	0.6453342	1.1393387	0.7862289	0.3493601	3.2878358
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2443000000	0.04719755	-1.518436449	-2.457964751	1.983746392	-1.009616075	-7.688379127	0.7535321	1.2565718	0.9005736	0.4126492	4.4108089
2443000000	0.04719755	-1.466076572	-1.934778073	2.349022294	-0.323684366	-6.817962185	0.8003153	1.3084138	0.9634203	0.4561439	4.9306936
2443000000	0.04719755	-1.4137116694	-1.526690025	2.629223894	0.244545527	-5.873867586	0.8388137	1.3535091	1.0285544	0.5085183	5.4121691
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2443000000	0.04719755	-1.151917306	-0.812021909	3.276240234	2.513986461	-2.087466648	0.9107494	1.4581829	1.3356705	0.7863695	7.0262077
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2443000000	0.04719755	-0.942477796	-1.194393192	2.915390335	3.180280387	-1.407274364	0.8714712	1.3988447	1.4421623	0.8504255	7.1642264
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2443000000	0.04719755	-0.733038286	-2.060002473	1.758394148	2.532436754	-1.283647106	0.7888599	1.2243898	1.3385107	0.8626163	6.474067
2443000000	0.04719755	-0.680678408	-2.220517961	1.390061666	2.188926727	-1.242978229	0.7744156	1.173554	1.2866083	0.8666647	6.2377092
2443000000	0.04719755	-0.628318531	-2.297049822	1.04222699	1.790763103	-1.228821197	0.7676222	1.1274865	1.2289612	0.8680784	6.0035332
2443000000	0.04719755	-0.575958653	-2.272426892	0.759132347	1.350675431	-1.249305571	0.7698013	1.0913313	1.1682446	0.8660336	5.7904653
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2443000000	0.04719755	-0.471238898	-1.948163071	0.54456856	0.4130764	-1.350675798	0.7990829	1.0646892	1.0488548	0.8559851	5.5030287
2443000000	0.04719755	-0.41887902	-1.700481267	0.634914994	-0.031742875	-1.377446733	0.8221971	1.078352	0.9963521	0.8533509	5.4547784
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2443000000	0.04719755	-0.314159265	-1.198329913	1.034760325	-0.698033031	-1.239757947	0.8711311	1.1276856	0.9227804	0.866986	5.5489363
2443000000	0.04719755	-0.261799388	-1.000135061	1.251284326	-0.840474579	-1.060016233	0.8912371	1.1549527	0.9077709	0.885114	5.6639314
2443000000	0.04719755	-0.20943951	-0.862953326	1.395856276	-0.826798552	-0.830160762	0.9054247	1.1743372	0.9092014	0.9088495	5.7598194
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2443000000	0.04719755	-4.44E-16	-0.928698019	0.889170702	0.226407702	-0.076933046	0.8985973	1.1077928	1.0264088	0.9911819	6.0727518
2443000000	0.04719755	0.052359878	-1.017367755	0.76843469	0.501244399	-0.057459823	0.8894706</				

2443000000	0.104719755	2.775073511	-12.52031431	-7.087921529	-8.48561135	-6.224231069	0.2365834	0.4421849	0.3764605	0.4884144	-2.249661
2443000000	0.104719755	2.827433388	-13.60855075	-7.453429636	-8.744539147	-6.934729668	0.208724	0.4239635	0.3654038	0.4500529	-2.804634
2443000000	0.104719755	2.879793266	-14.50912324	-8.368752459	-9.258443905	-7.861170976	0.1881672	0.3815596	0.3444116	0.4045214	-3.617945
2443000000	0.104719755	2.923153143	-15.24521257	-9.952897214	-10.17468376	-9.003761467	0.1728779	0.3179473	0.3099316	0.3546598	-4.765829
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2443000000	0.104719755	3.089232776	-17.14597185	-20.09761942	-16.11616298	-14.41518328	0.1388997	0.0988824	0.1563838	0.1902133	-10.6867
2443000000	0.104719755	3.141592654	-16.53959282	-19.21329897	-17.12079934	-17.73412108	0.1489431	0.1094801	0.1393029	0.1298058	-11.57563
2443000000	0.157079633	-3.141592654	-16.53959278	-19.21329877	-17.12079912	-17.73412107	0.1489431	0.1094801	0.1393029	0.1298058	-11.57563
2443000000	0.157079633	-3.089232776	-15.08239471	-15.94300227	-15.45669433	-23.18387696	0.176149	0.1595328	0.1687195	0.0693116	-10.84671
2443000000	0.157079633	-3.036872899	-13.33281257	-13.6566033	-13.22621671	-27.79673562	0.2154564	0.2075275	0.2182072	0.0407533	-9.345046
2443000000	0.157079633	-2.984513021	-11.82607545	-12.34788192	-11.43022871	-20.88967007	0.2562691	0.241327	0.2682184	0.0902644	-7.370324
2443000000	0.157079633	-2.932153143	-10.71618136	-11.68292656	-10.14291336	-16.27699204	0.2911997	0.2605276	0.3110673	0.1535149	-5.880081
2443000000	0.157079633	-2.879793266	-9.998303067	-11.35054454	-9.231302826	-13.43067843	0.3162896	0.2706903	0.3454895	0.2130424	-4.840608
2443000000	0.157079633	-2.827433388	-9.622155544	-11.0484085	-8.55540669	-11.58218484	0.3302876	0.2802719	0.3734418	0.2635668	-4.099314
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2443000000	0.157079633	-2.670353756	-9.968924056	-9.109952943	-7.018194717	-9.546541244	0.3173612	0.3503502	0.4457489	0.3331754	-2.813471
2443000000	0.157079633	-2.617993878	-10.38534652	-8.458093609	-6.569809271	-9.68175196	0.3025051	0.3776551	0.4693637	0.3280291	-2.629738
2443000000	0.157079633	-2.565634	-10.8333902	-7.989563778	-6.1728977	-10.07408317	0.2872966	0.3985858	0.4913094	0.3135421	-2.552597
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2443000000	0.157079633	-2.460914245	-11.42967296	-7.48631911	-5.57790123	-10.98343189	0.2682356	0.4232612	0.52603	0.2823764	-2.505449
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2443000000	0.157079633	-2.35619449	-11.18396203	-6.788585876	-5.22489108	-10.95696452	0.2759319	0.4576892	0.5481199	0.2832382	-2.130429
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2443000000	0.20943951	-0.785398163	-1.851378657	2.034469719	3.37590743	-0.9117274	0.8080367	1.2639313	1.4719578	0.9003547	6.9354294
2443000000	0.20943951	-0.73038286	-2.255412927	1.696791937	3.063050592	-0.963621778	0.7713017	1.2157369	1.4228276	0.8949915	6.6585942
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2443000000	0.20943951	-0.157079633	-1.201453197	1.533472876	-0.559713729	-0.546806813					

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2443000000	0.366519143	-1.308996939	-0.881473127	1.677320515	1.868259065	-4.170319119	0.9034962	1.2310416	1.2399751	0.6187056	-5.9665612
2443000000	0.366519143	-1.256637061	-0.519486566	1.94933461	2.283078239	-3.406719595	0.9419453	1.2516034	1.3006304	0.6755601	-6.381578
2443000000	0.366519143	-1.204277184	-0.27439855	2.164150675	2.68057341	-2.621726767	0.9689025	1.2829435	1.3615346	0.7394583	-6.7548518
2443000000	0.366519143	-1.151917306	-0.140907936	2.316362805	3.046519759	-1.89891276	0.9839083	1.305624	1.4201231	0.8630267	-7.0692497
2443000000	0.366519143	-1.099557429	-0.110812027	2.403511969	3.365951749	-1.287756295	0.9873233	1.3187899	1.4733217	0.8062083	-7.3128351
2443000000	0.366519143	-1.047197551	-0.176150534	2.425814214	3.624600678	-0.810829298	0.9799242	1.3221804	1.5178541	0.9108745	-7.4781527
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2443000000	0.366519143	-0.890117919	-0.908262008	2.141645731	3.923901997	-0.178696074	0.900714	1.2796237	1.5710684	0.979637	-7.4785383
2443000000	0.366519143	-0.837758041	-1.335691513	1.954847053	3.841933033	-0.191533461	0.8574631	1.2520948	1.5563119	0.9781902	-7.3179236
2443000000	0.366519143	-0.785398163	-1.857822777	1.742098077	3.666110273	-0.285334077	0.8074374	1.2220948	1.5251253	0.9676834	-7.086666
2443000000	0.366519143	-0.733038286	-2.465123634	1.5213812	3.400110336	-0.439297257	0.7529113	1.1914315	1.4791272	0.9506817	-6.7972768
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2443000000	0.366519143	-0.628318531	-3.786693225	1.147512186	2.613600259	-0.838331585	0.6466441	1.1412364	1.3538795	0.9079949	-6.127975
2443000000	0.366519143	-0.575958653	-4.3471718	1.042634237	2.15334806	-1.033594012	0.6062356	1.1275394	1.2817896	0.8878105	-5.8082057
2443000000	0.366519143	-0.523598776	-4.697678166	1.016170407	1.646042205	-1.189848168	0.5822588	1.1241092	1.2086543	0.8719821	-5.5453166
2443000000	0.366519143	-0.471238898	-4.754336396	1.07034435	1.126307101						

2443000000	0.366519143	2.251474735	-5.203195106	-10.16320141	-5.083138175	-4.589287841	0.5493388	0.3103416	0.5569845	0.5895703	0.0270366
2443000000	0.366519143	2.303834613	-5.065763044	-12.2421749	-4.842664099	-5.434550416	0.5580998	0.2442819	0.5726204	0.5348999	-0.400379
2443000000	0.366519143	2.35619449	-4.963701411	-13.4300127	-4.797979186	-6.210790922	0.5646963	0.2130588	0.5755738	0.4891707	-0.712452
2443000000	0.366519143	2.406554368	-4.953557833	-12.59423708	-5.003496182	-6.687723827	0.5653561	0.2345785	0.562115	0.463035	-0.79494
2443000000	0.366519143	2.460914245	-5.084654244	-10.69711705	-5.488178966	-6.716093403	0.5568873	0.2918396	0.5316074	0.4615251	-0.715471
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2443000000	0.366519143	2.617993878	-6.478712813	-6.707439103	-8.337501974	-5.50653083	0.4743123	0.4619852	0.3829349	0.5304871	-0.678483
2443000000	0.366519143	2.670353756	-7.158004135	-6.247885575	-9.328610212	-5.307808415	0.4386315	0.40870861	0.3416406	0.5427622	-0.866451
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2443000000	0.366519143	2.984513021	-12.35564708	-12.36836546	-13.75592059	-9.862546649	0.2411113	0.2407586	0.2052126	0.3212718	-5.948337
2443000000	0.366519143	3.036872899	-14.18486804	-15.57042206	-15.66613595	-11.79452112	0.1953244	0.1665248	0.1646998	0.2572018	-8.137039
2443000000	0.366519143	3.089232776	-15.9401019	-19.04865074	-17.27255239	-14.30958727	0.159586	0.1115751	0.1368902	0.1925399	-10.44902
2443000000	0.366519143	3.141592654	-16.53959303	-19.21329872	-17.12079949	-17.73412144	0.1489431	0.1094801	0.1393029	0.1298057	-11.57563
2443000000	0.366519143	3.141592654	-16.53959324	-19.21329889	-17.1207996	-17.73412098	0.1489431	0.1094801	0.1393029	0.1298058	-11.57563
2443000000	0.366519143	3.089232776	-15.63126077	-16.49418165	-15.34237011	-12.23878548	0.1653625	0.1497238	0.1709549	0.0772789	-11.0055
2443000000	0.366519143	3.036872899	-13.96638677	-13.98332116	-13.99310525	-24.20195221	0.2002999	0.1999097	0.2138182	0.0616456	-9.425862
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2443000000	0.366519143	1.047197551	-0.3163597	2.08152994	3.490729502	-0.717653027	0.9642331	1.2707997	1.4946396	0.9206983	-7.3291481
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2443000000	0.366519143	0.890119719	-0.984053602	1.932364977	3.848248928	0.01475667	0.8928887	1.2491605	1.557444	1.0017004	-7.4235626
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2443000000	0.366519143	0.575958563	-4.702074801	1.16565483	1.993953493						

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2443000000	0.41887902	2.984513021	-11.76438226	-12.36702695	-14.18404266	-9.749534824	0.2580958	0.2407957	0.195343	0.3254792	-5.851035
2443000000	0.41887902	3.036872899	-13.70994205	-15.48638413	-16.19070041	-11.73166907	0.2063017	0.1681438	0.1565116	0.2590697	-8.067764
2443000000	0.41887902	3.089232776	-15.6886565	-18.85891625	-17.52410715	-14.30021003	0.1642734	0.1140392	0.1329825	0.1927478	-10.39924
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2443000000	0.4171238898	-3.089232776	-15.71728554	-16.62864008	-15.3255201	-22.00036208	0.1637328	0.1474239	0.1712922	0.0794295	-11.02775
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2443000000	0.523598776	-1.780235837	-2.910485422	-2.517322202	-1.835358308	-2.181202039	0.7152794	0.7484002	0.8095284	0.7779289	3.6686339
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2443000000	0.523598776	-1.675516082	-3.443497459	-2.118210494	-0.894778817	-1.875959155	0.6727057	0.7835911	0.9021132	0.8057532	3.9845777
2443000000	0.523598776	-1.623156204	-3.769504948	-1.906267395	-0.529240756	-1.919143119	0.647925	0.8029465	0.9408881	0.8017572	4.0647842
2443000000	0.523598776	-1.570796327	-4.029448565	-1.661284442	-0.210211918	-2.060949198	0.6288218	0.8259158	0.976089	0.7887739	4.1354397
2443000000	0.523598776	-1.518436449	-4.130675736	-1.375234025	0.083602247	-2.266851128	0.6215359	0.8355683	1.0096715	0.7702956	4.2306105
2443000000	0.523598776	-1.466076572	-4.017858643	-1.049271062	0.372574668	-2.488851011	0.6296614	0.8862096	1.0438275	0.7508574	4.3774185
2443000000	0.523598776	-1.4137116694	-3.702940187	-0.692639817	0.672856444	-2.696484515	0.6529095	0.9233535	1.0805449	0.7358356	4.5901646
2443000000	0.523598776	-1.361356817	-3.251928411	-0.320425002	0.933873125	-2.724312127	0.6877072	0.9637819	1.1212273	0.7307762	4.8694241
2443000000	0.523598776	-1.308996939	-2.745426836	0.049337307	1.373131609	-2.613974676	0.7290019	1.0506963	1.1664488	0.7401185	5.2044471
2443000000	0.523598776	-1.256637061	-2.24981226	0.398640054	1.697742147	-2.318879042	0.7718082	1.0469646	1.2158674	0.7656954	5.5783931
2443000000	0.523598776	-1.204277184	-1.810039307	0.712065052	2.06414504	-2.1874358262	0.8118916	1.0854336	1.268257	0.8059017	5.9584651
2443000000	0.523598776	-1.151917306	-1.454059785	0.978552878	2.422040132	-1.349289671	0.8458571	1.1192514	1.321606	0.8561217	6.3253554
2443000000	0.523598776	-1.095957429	-1.19907286	1.192224221	2.755040698	-0.818582461	0.8710566	1.1471262	1.3732585	0.9100618	6.6518049
2443000000	0.523598776	-1.047197551	-1.056105418	1.352272289	3.046424961	-0.343833427	0.8855126	1.1684594	1.4201076	0.961188	6.9177964
2443000000	0.523598776	-0.994837674	-1.032932405	1.462124659	3.280295249	-0.032838865	0.8878782	1.183331	1.4588638	1.0037879	7.1087639
2443000000	0.523598776	-0.942477796	-1.135985013	1.528164332	3.442702519	0.287110949	0.8774063	1.1923622	1.486398	1.0336073	7.2152258
2443000000	0.523598776	-0.890117919	-1.371399418	1.558390407	3.52526185	0.408658503	0.8539453	1.1965188	1.5001211	1.0481729	7.2322112
2443000000	0.523598776	-0.837758041	-1.744799223	1.561401323	3.512203643	0.398146913	0.8180127	1.1969336	1.4983393	1.0469052	7.1590604
2443000000	0.523598776	-0.785398163	-2.259144896	1.545691928							

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2443000000	0.523598776	1.989675347	-4.077902895	-3.866036695	-5.303759017	-3.29265598	0.6253237	0.6407641	0.5430153	0.6844901	1.9159121
2443000000	0.523598776	2.042035225	-4.235530386	-4.064528419	-5.30764128	-3.132988405	0.6140779	0.6262873	0.5427726	0.6971891	1.8695785
2443000000	0.523598776	2.094395102	-4.400122642	-4.537238755	-5.192918101	-3.102210208	0.6025511	0.5931138	0.5499891	0.6996639	1.7461066
2443000000	0.523598776	2.14675498	-4.602042374	-5.340198713	-5.002927016	-3.273842942	0.5887052	0.5407402	0.5623221	0.6859743	1.5027004
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2443000000	0.523598776	2.251474735	-5.056479883	-8.17403698	-4.650677379	-4.384296269	0.5586966	0.3902098	0.5854181	0.60365	0.5794501
2443000000	0.523598776	2.303834613	-5.205305836	-10.18624458	-4.631508955	-5.305636788	0.5492053	0.3095193	0.5867114	0.5428979	-0.050813
2443000000	0.523598776	2.35619449	-5.249720587	-11.98373685	-4.787209206	-6.328017278	0.5464041	0.2516594	0.576288	0.6921631	-0.644527
2443000000	0.523598776	2.40854368	-5.221044235	-12.19077941	-5.147234215	-7.170362278	0.5482111	0.2457316	0.5528894	0.4380078	-0.988614
2443000000	0.523598776	2.460914245	-5.203116862	-10.68251973	-5.715873641	-7.486552409	0.5493437	0.2923304	0.5178528	0.4223499	-1.003046
2443000000	0.523598776	2.513274123	-5.284232097	-8.855696819	-6.46286048	-7.183275313	0.5442374	0.3607573	0.4751787	0.4373572	-0.830965
2443000000	0.523598776	2.565634	-5.512674787	-7.413660342	-7.312362052	-6.534880652	0.5301103	0.4259092	0.4309054	0.471255	-0.638845
2443000000	0.523598776	2.617993878	-5.875906576	-6.473830222	-8.146855694	-5.882231114	0.508399	0.474579	0.3914328	0.5080289	-0.526179
2443000000	0.523598776	2.670353756	-6.306576829	-6.010705093	-8.854915897	-5.429876927	0.4838059	0.5005699	0.3607898	0.5351877	-0.535811
2443000000	0.523598776	2.722713633	-6.724719934	-5.985838259	-4.916305942	-5.264932944	0.461067	0.5020051	0.3382086	0.545448	-0.692538
2443000000	0.523598776	2.775073511	-7.109687409	-6.374332037	-9.940463653	-5.418750944	0.4410782	0.4800466	0.3184028	0.5358737	-1.034669
2443000000	0.523598776	2.827433388	-7.544644498	-7.170688126	-10.10032428	-5.904567281	0.4195346	0.4379914	0.2947802	0.5067242	-1.623513
2443000000	0.523598776	2.879793266	-8.18742368	-8.393878828	-11.60260406	-6.735512015	0.3896089	0.3804574	0.262948	0.4604944	-2.536445
2443000000	0.523598776	2.932153143	-9.208496779	-10.09657136	-13.04798901	-7.934084771	0.3463978	0.3127314	0.2226386	0.4011398	-3.856692
2443000000	0.523598776	2.984513021	-10.74698518	-12.37470248	-14.96840824	-9.540055477	0.2901688	0.240583	0.1784759	0.3832423	-5.657813
2443000000	0.523598776	3.036872899	-12.8484387	-15.32194606	-17.02325388	-11.62197121	0.2278128	0.1713573	0.1408761	0.2623623	-7.932689
2443000000	0.523598776	3.089232776	-15.19918435	-18.49563744	-18.03534327	-14.29664073	0.1737964	0.1809099	0.1253813	0.1928721	-10.30099
2443000000	0.523598776	3.141592654	-16.53959319	-19.21239898	-17.12079396	-17.73412143	0.1489431	0.1094801	0.1393029	0.1298057	-11.57563
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2443000000	0.523598776	2.827433388	-8.015322304	-8.572828482	-7.959849594	-11.64731572	0.3974055	0.3726993	0.3999517	0.2615979	-2.903836
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2443000000	0.523598776	2.670353756	-6.656561904	-6.533486209	-5.754609845	-7.924996845	0.4646992	0.4173307	0.5155489	0.4015597	-0.662443
2443000000	0.523598776	2.617993878	-7.029692775	-6.066059977	-5.529627004	-7.476547538	0.4455192	0.4973899	0.5290767	0.4228366	-0.47088
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2443000000	0.523598776	1.780235837	-3.47105521	-2.804287786	-1.878728488	-1.498641809	0.6705748	0.7240784	0.8054963	0.8415267	3.64166
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2443000000	0.523598776	1.675516082	-3.907489556	-2.406000025	-1.610708497	-1.128305413	0.6377134	0.7580537	0.8895381	0.8781862	3.982723
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2443000000	0.523598776	1.570796327	-4.570373949	-1.992996479	-0.38739214	-1.191686517	0.5908555	0.794969	0.9563798	0.8717976	4.1203227
2443000000	0.523598776	1.518436449	-4.802803041	-1.740920811	-0.115597514	-1.337450744	0.5752543	0.818378	0.9867795	0.8572894	4.1841355
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2443000000	0.523598776	1.413716694	-4.677106883	-1.124526819	0.435718867	-1.692270061	0.5836395	0.8785645	1.0514435	0.8229747	4.4455408
2443000000	0.523598776	1.361356817	-4.303517589	-0.773426426	1.042058569	-1.803153777	0.6029901	0.9148053	1.0889625	0.8125354	4.6741162
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2443000000	0.523598776	1.256637061	-3.243109148	-0.056958149	1.418343235	-1.645800844	0.6884058	0.9934639	1.1773802	0.8723894	5.3120131
2443000000	0.523598776	1.204277184	-2.699721965	0.275547931	1.777180241	-1.348188785	0.732848	1.0322322	1.2270408	0.8562302	5.6848942
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2443000000	0.523598776	1.047197551	-1.56264837	1.040614871	2.766635508	-0.086135142	0.8353483	1.1272773	1.3750921	0.9901323	6.7048439
2443000000	0.523598776	0.994837674	-1.42835235	1.210305104	3.013196254	-0.259816317	0.8483643	1.1495166	1.4146852	1.0303643	6.9327904
2443000000	0.523598776	0.942477796	-1.439042749	1.342783021	3.125960987	0.497763558	0.8473208	1.1671835	1.4442024	1.058981	7.0777242
2443000000	0.523598776	0.890117919	-1.602635125	1.44364							

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2443000000	0.575958653	1.884955592	-3.580041107	-4.032613953	-5.665423424	-3.85892014	0.6622134	0.6285927	0.5208694	0.6412893	1.7732261
2443000000	0.575958653	1.93731547	-3.84949126	-3.933700356	-5.852656342	-3.647998145	0.6419858	0.6357919	0.5097617	0.6570525	1.7435275
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2443000000	0.575958653	2.042053225	-4.134358204	-4.20656997	-5.925070821	-3.12042147	0.6212724	0.6161288	0.5055294	0.6981985	1.7312154
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2443000000	0.575958653	2.35619449	-5.411300227	-12.63963199	-5.460907657	-6.41875534	0.5363336	0.2333557	0.5332792	0.4775977	-1.009438
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2443000000	0.575958653	2.617993878	-5.828601231	-6.63198518	-8.029342003	-6.036780892	0.5111754	0.4660159	0.3967646	0.4990694	-0.569727
2443000000	0.575958653	2.670353756	-6.169684117	-6.11762838	-8.518275226	-5.486711135	0.4914913	0.4944457	0.3750475	0.5316973	-0.479048
2443000000	0.575958653	2.722713633	-6.501849646	-6.06592428	-8.972643431	-5.245766057	0.4730505	0.4973977	0.3559327	0.546653	-0.569687
2443000000	0.575958653	2.775073511	-6.810587383	-6.443705607	-9.518000846	-5.344237237	0.4565314	0.4627288	0.334272	0.5404906	-0.878929
2443000000	0.575958653	2.827433388	-7.184133146	-7.238165326	-10.30669696	-5.794369189	0.437314	0.4344602	0.3052471	0.513194	-1.461031
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2443000000	0.575958653	2.932153143	-8.777716657	-10.1483723	-13.14802590	-7.814335942	0.3640107	0.3108718	0.2200892	0.4067085	-3.730514
2443000000	0.575958653	2.984513021	-10.31548903	-12.3836484	-15.30240775	-9.448661659	0.3049478	0.2403353	0.1717432	0.3369511	-5.563973
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2443000000	0.680678408	1.989675347	-5.52995475	-4.601965716	-4.446941355	-3.687548748	0.5290568	0.5887104	0.5993119	0.6540675	1.4758682
2443000000	0.680678408	1.93731547	-5.287923715	-4.122257348	-3.872993732	-2.798056925	0.5440062	0.6221386	0.6402511	0.724598	2.0452219
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2443000000	0.680678408	1.8325985917	-4.880382734	-3.354449912	-2.772802452	-1.535677059	0.5701391	0.679716	0.7267079	0.8379462	2.9674538
2443000000	0.680678408	1.780235837	-4.741988836	-3.060100351	-2.288008093	-1.01690525	0.579296	0.7030642	0.7684152	0.8808774	3.321651
2443000000	0.680678408	1.72787596	-4.682890882	-2.811114168	-1.85940698	-0.774169538	0.583251	0.7235096	0.8072902	0.9147271	3.6047484
2443000000	0.680678408	1.675516082	-4.722661902	-2.591325103	-1.486153631	-0.542775744	0.5805865	0.742051	0.8427375	0.9394231	3.8200671
2443000000	0.680678408	1.623156204	-4.862573291	-2.386133282	-1.161459219	-0.400708724	0.5713094	0.7597896	0.8748368	0.9549147	3.9754789
2443000000	0.680678408	1.570796327	-5.079877039	-2.182375788	-0.87361946	-0.341603418	0.5571936	0.7778238	0.9043135	0.9614348	4.0844778
2443000000	0.680678408	1.518436449	-5.325799809	-1.968602679	-0.607783771	-0.356134523	0.5416391	0.7972047	0.9324183	0.9598277	4.1663808
2443000000	0.680678408	1.466076572	-5.528674983	-1.735438829	-0.348215418	-0.428476244	0.5291347	0.8188947	0.9607032	0.9518668	4.245349
2443000000	0.680678408	1.413711694	-5.606064806	-1.47651822	-0.080955172	-0.533120698	0.5244411	0.8436729	0.9907229	0.9404679	4.3478489
2443000000	0.680678408	1.361356817	-5.488747178	-1.189835472	0.203755051	-0.633538924	0.5315727	0.8719834	1.0237355	0.9296577	4.4982955
2443000000	0.680678408	1.308996939	-5.149937009	-0.878667349	0.510025897	-0.685441577	0.5527174	0.9037881	1.0604771	0.924119	4.7133502
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2443000000	0.680678408	1.204277184	-3.977050742	-0.21809091	1.175214031	-0.495858731	0.6326266	0.975204	1.1448819	0.945111	5.3369146
2443000000	0.680678408	1.151971306	-3.310571748	0.109485652	1.516491199	-0.239328604	0.6830798	1.0126848	1.1907609	0.9728224	5.7096785
2443000000	0.680678408	1.099557429	-2.70205013	0.42292821							

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2443000000	0.680678408	1.72787596	-2.234201033	-4.461501738	-6.65402163	-3.476839846	0.7731966	0.5983081	0.464834	0.6701284	1.9606404
2443000000	0.680678408	1.780235837	-2.813402836	-4.520579865	-6.913365785	-3.814978073	0.723319	0.5942525	0.4511612	0.6454518	1.6315343
2443000000	0.680678408	1.832595715	-3.338811211	-4.594972167	-7.137007043	-3.938352405	0.6808625	0.5891846	0.4396931	0.6354515	1.3829671
2443000000	0.680678408	1.884955592	-3.758586281	-4.688185467	-7.330500663	-3.812570914	0.64874	0.5828955	0.4300064	0.6447205	1.2379513
2443000000	0.680678408	1.93731547	-4.038345936	-4.820628148	-7.494385194	-3.945155138	0.628178	0.5740749	0.4219692	0.6687168	1.1872498
2443000000	0.680678408	1.989675347	-4.185386932	-5.030931984	-7.62695094	-3.11369978	0.6176332	0.5603423	0.4155801	0.6987656	1.1849095
2443000000	0.680678408	2.042035225	-4.253808289	-5.374889215	-7.727010232	-2.805881703	0.6127871	0.5385866	0.410818	0.7239456	1.1614461
2443000000	0.680678408	2.094395102	-4.323116901	-5.924757169	-7.79620934	-2.684591331	0.6079168	0.5055477	0.4075581	0.7341257	1.0429023
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2443000000	0.680678408	2.35619449	-5.681941682	-15.57908007	-7.870524662	-6.690514163	0.5198798	0.1663589	0.404086	0.4628863	-2.195991
2443000000	0.680678408	2.408554368	-5.790387013	-16.27773785	-7.845767698	-8.043616855	0.5134293	0.1535017	0.4052394	0.3961131	-2.684402
2443000000	0.680678408	2.460914245	-5.772217295	-13.4214289	-7.790924875	-8.708553165	0.5145044	0.2132694	0.4078061	0.3669208	-2.484306
2443000000	0.680678408	2.513274123	-5.73041451	-10.55436028	-7.705083344	-8.324441064	0.5169866	0.2966577	0.4118564	0.3835111	-1.889318
2443000000	0.680678408	2.565634	-5.75752416	-8.540430565	-7.611981982	-7.329326211	0.5153755	0.374092	0.4162947	0.4300646	-1.274932
2443000000	0.680678408	2.617993878	-5.878993553	-7.270103254	-7.565609339	-6.318814595	0.5082183	0.4330069	0.4185232	0.4831247	-0.710691
2443000000	0.680678408	2.670353756	-6.052832175	-6.603786299	-7.643444177	-5.28244422	0.498148	0.4675313	0.4147895	0.525845	-0.416712
2443000000	0.680678408	2.722713633	-6.22069751	-6.451209441	-7.934231147	-5.208985083	0.4886131	0.4758165	0.401113	0.5489727	-0.379332
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2443000000	0.680678408	3.089232776	-14.5244565	-17.98600106	-18.78783387	-14.33624182	0.1878351	0.1260956	0.1149763	0.1919499	-10.16077
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2443000000	0.733038286	-3.089232776	-15.98255122	-17.45676163	-15.24389984	-20.71790927	0.158808	0.1340176	0.172904	0.0920671	-11.09108
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2443000000	0.733038286	-1.780235837	-5.046190965	-3.03819833	-2.623146473	-1.366640009	0.5593588	0.7048393	0.7393374	0.8544133	3.1004887
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2443000000	0.733038286	-1.675516082	-4.736703175	-2.508445619	-1.802693487	-0.682962542	0.5796487	0.7491654	0.8125785	0.9243828	3.7102068
2443000000	0.733038286	-1.623156204	-4.700590396	-2.278562524	-1.462460741	-0.467282797	0.5820637	0.7692577	0.8450394	0.9476236	3.929077
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2443000000	0.733038286	2.251474735	-5.080942908	-10.6915972	-9.521171795	-4.072156759	0.5571253	0.2920251	0.334152	0.6257375	-0.871637
2443000000	0.733038286	2.303834613	-5.442275186	-13.34300498	-9.637881635	-5.334035454	0.5344244	0.2152037	0.3296901	0.5411258	-1.82792
2443000000	0.733038286	2.35619449	-5.745546706	-16.7467941	-9.485839853	-6.893157146	0.5160867	0.1454321	0.335512	0.4522121	-2.797777
2443000000	0.733038286	2.408554368	-5.904679987	-17.75521591	-9.088222676	-8.409572411	0.5067176	0.1294909	0.3512278	0.3797706	-3.303915
2443000000	0.733038286	2.460914245	-5.921248711	-14.47404318	-8.544246809	-9.155926237	0.5057519	0.1889287	0.3739277	0.3485007	-2.992534
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2443000000	0.785398163	3.141592654	-16.53959319	-19.21329914	-17.1207994	-17.73412105	0.1489431	0.1094801	0.1393029	0.1298058	-11.57563
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2443000000	0.837758041	-2.35619449	-18.0447713	-4.943837698	-6.433764937	-12.51666667	0.1252453	0.5959892	0.4767731	0.2366828	-3.068988
2443000000	0.837758041	-2.303834613	-14.23007392	-5.05734876	-6.290090619	-11.69541879	0.1943105	0.5586407	0.4847296	0.2601531	-2.511327
2443000000	0.837758041	-2.251474735	-11.04438193	-5.193814254	-6.12559619	-10.2519484	0.2804019	0.5499324	0.4939889	0.3071868	-1.768805
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2443000000	0.837758041	-2.14675498	-7.473837996	-5.254397049	-5.841883558	-7.450167555	0.4229686	0.54611	0.5103943	0.4421228	-0.429106
2443000000	0.837758041	-2.094395102	-6.551347481	-5.089826091	-5.698888751	-6.366757375	0.4703624	0.5565558	0.5188067	0.4804654	-0.1130048
2443000000	0.837758041	-2.042035225	-5.99059681	-4.800977483	-5.698523034	-5.471610374	0.5017301	0.5735752	0.5303638	0.5326225	-0.580407
2443000000	0.837758041	-1.989675347	-5.683895055	-4.428402035	-5.233984679	-4.712420891	0.5197629	0.6009525	0.5473949	0.5812714	-0.1912729
2443000000	0.837758041	-1.93731547	-5.531539388	-4.016212636	-4.866163174	-4.040151069	0.5289602	0.6297807	0.5710733	0.6280474	-0.1429766
2443000000	0.837758041	-1.884955592	-5.433615091	-3.598022863	-4.421791161	-3.418639865	0.5349575	0.6608439	0.6010498	0.6746337	-0.1835588
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2443000000	0.837758041	-1.780235837	-5.080836672	-2.813127651	-3.439824116	-2.272749435	0.5571321	0.7233419	0.6729903	0.7697727	-0.2681089
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2443000000	0.837758041	-1.675516082	-4.419397251	-2.130616151	-2.53571336	-1.314513852	0.6012155	0.7824727	0.7468172	0.8955563	-0.3490029
2443000000	0.837758041	-1.623156204	-4.073339309	-1.827082496	-2.15208305	-0.950057201	0.6256523	0.8103001	0.7805412	0.8963903	-0.38426584
2443000000	0.837758041	-1.570796327	-3.773221997	-1.545749741	-1.814970393	-0.678845106	0.6476478	0.8369571	0.8114308	0.9248211	-0.1388769
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2443000000	0.837758041	-1.466076572	-3.343126885	-1.033929662	-1.240763018	-0.405066841	0.6805243	0.8877762	0.8668857	0.9544357	-0.5482454
2443000000	0.837758041	-1.413716694	-3.176932785	-0.791584261	-0.9755879						

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2443000000	0.837758041	1.361356817	0.645195042	-5.254489725	-2.366576371	0.694752127	1.0771092	0.5461042	0.7615022	1.0832722	4.7809515
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2443000000	0.837758041	2.042035225	-4.754595549	-7.19173203	-6.155041261	-2.23615841	0.5784559	0.4369315	0.4923205	0.7730224	1.1408788
2443000000	0.837758041	2.094395102	-4.799402856	-7.646873618	-7.059113754	-2.251444321	0.5754795	0.4146258	0.4436539	0.7716632	0.8492357
2443000000	0.837758041	2.14675498	-4.824044168	-8.211035412	-8.247180779	-2.548640064	0.5738492	0.3885512	0.3869376	0.7457066	0.4032657
2443000000	0.837758041	2.199114858	-4.910331229	-8.989569354	-9.696963224	-3.188877016	0.5681767	0.3552397	0.3274552	0.6927175	-0.248511
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2443000000	0.837758041	2.460914245	-5.994105252	-14.05071367	-9.033002027	-9.899128666	0.5015275	0.1983647	0.3534678	0.3199216	-3.265408
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2443000000	0.890117919	-1.623156204	-4.004054138	-1.555042871	-2.49695859	-1.061784786	0.6306629	0.83608	0.7501545	0.8489338	3.8117633
2443000000	0.890117919	-1.570796327	-3.535984515	-1.234319544	-2.155265884	-0.75159647	0.6655808	0.867529	0.7802553	0.9171074	4.1647209
2443000000	0.890117919	-1.518436449	-3.118775396	-0.938476519							

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2443000000	0.890117919	1.832595715	-3.131969672	-5.206716728	-3.535566367	-2.67242524	0.6972709	0.5491161	0.6656128	0.7351547	2.4349858
2443000000	0.890117919	1.884955592	-3.718069354	-5.572551604	-3.731437098	-2.655971983	0.6517733	0.5264685	0.6507709	0.7365486	2.163048
2443000000	0.890117919	1.93731547	-4.239995346	-5.978723271	-4.039549558	-2.486234858	0.6137623	0.5024164	0.6280909	0.7510836	1.9220408
2443000000	0.890117919	1.989675347	-4.631940418	-6.384947662	-4.509603945	-2.279753082	0.5866823	0.4794603	0.5950039	0.7691523	1.6925933
2443000000	0.890117919	2.042035225	-4.855288032	-6.76606851	-5.193600083	-2.164077383	0.5717887	0.4588773	0.5499459	0.7794641	1.4379202
2443000000	0.890117919	2.094395102	-4.931062405	-7.132810676	-6.144463111	-2.246426925	0.5668222	0.4399056	0.4922905	0.7721091	1.1066389
2443000000	0.890117919	2.14675498	-4.935989034	-7.540132486	-7.407368523	-2.608472879	0.5665008	0.4197526	0.4626178	0.7405875	0.6405173
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2443000000	0.890117919	3.036872899	-10.77964937	-14.71132978	-19.73783087	-11.55506222	0.2890797	0.1838372	0.1030643	0.2643911	-7.531164
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2443000000	0.890117919	3.141592654	-16.53959292	-19.21329894	-17.12079959	-17.73412107	0.1489431	0.1094801	0.1393029	0.1298058	-11.57563
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2443000000	0.994837674	2.14675498	-4.976150153	-5.910801395	-6.665767162	-2.971696681	0.5638875	0.5063606	0.464207	0.7102564	1.0062108
2443000000	0.994837674	2.199114858	-4.919328163	-6.229465116	-8.121847012	-3.773586503	0.5675885	0.4881202	0.3925615	0.6476206	0.4067729
2443000000	0.994837674	2.251474735	-4.881303861	-6.677266941	-9.564776219	-4.943818376	0.5700787	0.4635928	0.3324767	0.5659904	-0.299835
2443000000	0.994837674	2.303834613	-4.921099186	-7.323192592	-10.401733409	-6.474647521	0.5674728	0.4303684	0.3019349	0.4745343	-1.040008
2443000000	0.994837674	2.35619449	-5.051512702	-8.199790391	-10.08526279	-8.20017047	0.5590162	0.3890545	0.3113388	0.3980375	-1.669621
2443000000	0.994837674	2.408554368	-5.250769703	-9.257363054	-8.919080473	-9.558021404	0.5463381	0.3444455	0.3581343	0.3327353	-2.038325
2443000000	0.994837674	2.460914245	-5.485623119	-10.28646692	-7.589585542	-9.716166611	0.5317639	0.3096865	0.4173695	0.326732	-2.037383
2443000000	0.994837674	2.513274123	-5.729963162	-10.89508918	-6.476058998	-8.711711188	0.5170135	0.2852361	0.4744572	0.3667874	-1.705094
2443000000	0.994837674	2.565634	-5.963038007	-10.79492775	-6.699166036	-9.579523196	0.5033245	0.2885716	0.5188499	0.4275864	-1.217994
2443000000	0.994837674	2.617993878	-6.150646217	-10.17387413	-5.286368609	-6.246736172	0.4925697	0.3099605	0.5441036	0.4871505	-0.753635
2443000000	0.994837674	2.670353756	-6.241266242	-9.466813723	-5.546885474	-5.470846019	0.4874574	0.3362477	0.5465825	0.5326693	-0.430221
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2443000000	0.994837674	2.827433388	-6.084735954	-9.089928291	-7.652559538	-5.454821589	0.4963216	0.3511588	0.4143545	0.5336653	-0.93695
2443000000	0.994837674	2.879793266	-6.32758667	-9.755479521	-9.538645689	-6.257024157	0.4826371	0.3252565	0.3334784	0.4865739	-1.787801
2443000000	0.994837674	2.932515143	-7.014206132	-10.8515766	-12.22527512	-7.10139649	0.4459536	0.2866957	0.2447583	0.4208043	-7.159134
2443000000	0.994837674	2.984513021	-8.317526824	-12.41636663	-15.94933279	-9.299149682	0.3838165	0.2394317	0.1594165	0.3428013	-4.993951
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2443000000	0.994837674	3.141592654	-16.53959315	-19.21329902	-17.12079492	-17.73412099	0.1489431	0.1094801	0.1393029	0.1298058	-11.57563
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2443000000	0.994837674	3.036872899	-12.90414342	-16.33093081	-14.00858166	-18.44633495	0.2263564	0.1525645	0.1993292	0.1195868	-9.145521
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2443000000	0.994837674	2.932515143	-8.867358221	-11.77740403	-12.92857882	-15.77058995	0.3602733	0.2577091	0.2257205	0.1627311	-5.964894
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2443000000	0.994837674	2.722713633	-6.949884807	-7.937670927	-7.9819406126	-11.16322095	0.4492683	0.4009472	0.3622678	0.2765916	-2.562112
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2443000000	0.994837674	2.460914245	-14.16995852	-5.242156048	-6.460476965	-7.41001322	0.19566	0.5468802	0.4764048	0.426088	-1.697107
2443000000	0.994837674	2.408554368	-16.71496956	-4.781466042	-6.190064662	-6.423362562	0.1459659	0.5766691	0.4903394	0.4773444	-1.461227
2443000000	0.994837674	2.35619449	-16.08069935	-4.449822824	-5.942980778	-5.473895238	0.1570236	0.5991132	0.5044882	0.5324824	-0.948474
2443000000	0.994837674	2.303834613	-13.07858805	-4.259691701	-5.728569465	-4.657351548	0.2218557	0.6132721	0.5170964	0.5849684	-0.28118
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2443000000	0.994837674	1.989675347	-5.32100365	-4.207324178	-5.471732262	-3.182976398	0.5419383	0.6160753	0.5359366	0.6931882	1.5369519
2443000000	0.994837674	1.93731547	-5.496276833	-3.930435585	-5.181557841	-3.023121734	0.5311121	0.6360309	0.5507089	0.702011	1.6552152
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2443000000	1.047197551	1.047197551	1.13695988	-0.462403733	-1.027554854	3.322733046	1.1398508	0.948156	0.888428	1.4660091	6.9138391
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2443000000	1.047197551	1.256637061	1.0380246	-0.994921279	-1.320614043	2.809038807	1.1269411	0.8917222	0.8589528	1.3818215	6.5665473
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2443000000	1.047197551	1.466076572	0.452930923	-2.654216779	-2.257882326	1.558142735	1.0535291	0.7366974	0.7710914	1.1964847	5.4780795
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2443000000	1.047197551	1.884955592	-3.030616877	-4.063058532	-3.320503323	-2.332254058	0.7054547	0.6269393	0.6822992	0.7645173	2.8561221
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2443000000	1.047197551	2.565634	-5.84902468	-10.80589008	-5.49307113	-7.113423998	0.5099749	0.2882076	0.5313077	0.4048885	-1.059276
2443000000	1.047197551	2.617993878	-6.126986229	-10.53134396	-5.132412102	-6.108408907	0.4939133	0.2974629	0.5538337	0.4949708	-0.723391
2443000000	1.047197551	2.670353756	-6.285826183	-9.956555966	-5.123169406	-5.419765366	0.4849631	0.3178134	0.5544234	0.5358111	-0.477537
2443000000	1.047197551	2.722713633	-6.283033734	-9.451028874	-5.488003432	-5.082524738	0.485119	0.3368593	0.5316182	0.5570238	-0.397112
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2443000000	1.047197551	2.827433388	-6.122264633	-9.370885445	-7.536562348	-5.512437826	0.4941818	0.3998018	0.4199251	0.5301248	-0.991663
2443000000	1.047197551	2.879793266	-6.320650025	-9.923566575	-9.410964263	-6.324988379	0.4830227	0.3190628	0.3384167	0.4827815	-1.812926
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2443000000	1.099557429	-2.984513021	-14.14408374	-13.54408374	-13.54307471	-16.69311754	0.3090568	0.1962437	0.2103034	0.1463336	-7.311084
2443000000	1.099557429	-2.932153143	-8.586099675	-12.13555008	-13.22554854	-15.52071308	0.3721303	0.2472991	0.2181336	0.1674805	-5.976903
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2443000000	1.099557429	-2.670353756	-7.88840213	-7.857705567	-8.375466129	-10.54981975	0.4032551	0.4046828	0.3820557	0.2968308	-2.575406
2443000000	1.099557429	-2.617993878	-8.862685446	-7.350895698	-7.667370572	-9.706746495	0.3604672	0.4289979	0.4136485	0.3270865	-2.326535
2443000000	1.099557429	-2.565634	-10.25617946	-6.76390559	-7.712724662	-8.823873184	0.3070372	0.4589916	0.4379166	0.3620815	-2.126161
2443000000	1.099557429	-2.513274123	-12.09556	-6.117689782	-6.804507942	-7.853108683	0.2484403	0.4944422	0.456851	0.404897	-1.913099
2443000000	1.099557429	-2.460914245	-14.20480377	-5.478529658	-6.499167507	-6.818083732	0.1948767	0.5321983	0.4731966	0.4561375	-1.637248
2443000000	1.099557429	-2.408554368	-15.59271747	-4.917916257	-6.216120754	-5.798615076	0.1660979	0.5676808	0.4888706	0.5129432	-1.231645
2443000000	1.099557429	-2.35619449	-14.75420524	-4.486487123	-5.949959307	-4.883168752	0.182932	0.5956896	0.5040809	0.5699563	-0.660473
2443000000	1.099557429	-2.303834613	-12.48559977	-4.207010833	-5.72044975	-4.135585228	0.2375308	0.6260975	0.51758	0.6211847	-0.033099
2443000000	1.099557429	-2.251474735	-10.23440155	-4.076652581	-5.551051972	-3.586997924	0.307808	0.6154137	0.5277733	0.6616832	0.5170833
2443000000	1.099557429	-2.199114858	-8.419685602	-4.070585189	-5.450013138	-3.239782776	0.3793287	0.6258057	0.5339485	0.6886695	0.9369139
2443000000	1.099557429	-2.14675498	-7.064313702	-4.144699977	-5.400209517	-3.072158334	0.4433884	0.6205332	0.5370188	0.7070889	1.2253897
2443000000	1.099557429	-2.094395102	-6.130235829	-4.23916203	-5.359963012	-3.039856121	0.4937285	0.6138212	0.5395129	0.7047047	1.4072874
2443000000	1.099557429	-2.042035225	-5.585120863	-4.286522759	-5.275038664	-3.076692148	0.5257072	0.6104483	0.5448138	0.7017225	1.5208854
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2443000000	1.099557429	0.785398163	1.43541947	-2.606551427	-0.926047443	3.197530862	1.1796984	0.7407513	0.8988715	1.4450289	6.5764572
2443000000	1.099557429	0.837758041	1.279217855	-1.987494594	-0.999256357	3.387650163	1.158673	0.7954727	0.8913272	1.4770068	6.6940955
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2443000000	1.099557429	1.1062196418	1.062196418	-0.259379396	-1.53840593	3.264973287	1.1300816	0.9705793	0.837683	1.54562927	6.8378595
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2443000000	1.151917306	1.780235837	-1.387550714	-3.774961368	-4.308970121	-1.867803432	0.8532425	0.6475181	0.6089077	0.8065101	3.275682
2443000000	1.151917306	1.832595715	-1.883657655	-4.011130605	-4.513340987	-2.616410686	0.8050394	0.6301493	0.5947479	0.7619552	2.89737
2443000000	1.151917306	1.884955592	-2.425696388	-4.285420381	-4.842042867	-2.7662575896	0.7563367	0.6105609	0.5726613	0.7357601	2.526911
2443000000	1.151917306	1.93731547	-2.991418443	-4.600066417	-5.344099088	-2.804881127	0.7086456	0.5888371	0.5404992	0.742029	2.15510194
2443000000	1.151917306	1.989675327	-3.547351373	-4.936958554	-6.061246792	-2.972061883	0.6647119	0.5664358	0.4976656	0.7184506	1.7530163
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2443000000	1.151917306	2.984513021	-9.621613473	-15.04903253	-13.64517003	-15.89218177	0.3303082	0.1768269	0.2078459	0.1604689	-7.175974
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2443000000	1.151917306	2.513274123	-12.87216017	-7.090616918	-7.172934511	-8.47590444	0.2271377	0.4420777	0.4427871	0.4264727	-2.318304
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2443000000	1.256637061	-3.141592654	-16.53959281	-19.21329894	-17.12079941	-17.73412123	0.1489431	0.0949101	0.1393029	0.1298058	-11.57563
2443000000	1.256637061	-3.089232776	-15.79219948	-20.18828164	-14.90055126	-18.26654413	0.1623267	0.0978557	0.1790492	0.1220879	-11.0364
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2443000000	1.256637061	-2.932153143	-7.692042744	-13.57273705	-13.78981245	-14.44668435	0.4124752	0.2095864	0.2044134	0.1895247	-5.882728
2443000000	1.256637061	-2.879793266	-6.874742189	-12.11610288	-13.84421793	-13.74812375	0.4531718	0.2478534	0.203137	0.2053969	-5.117591
2443000000	1.256637061	-2.827433388	-6.73755595	-11.10303316	-13.27545699	-13.71866794	0.4603861	0.2785148	0.2168838	0.2193141	-4.619112
2443000000	1.256637061	-2.775073511	-7.205550886	-10.40272423	-12.09326873	-12.54868584	0.436237	0.3012755	0.2484955	0.2358119	-4.280456
2443000000	1.256637061	-2.722713633	-8.234278244	-9.954308029	-10.73274408	-11.74903941	0.3875128	0.3178957	0.290645	0.2858521	-4.050456
2443000000	1.256637061	-2.670353756	-9.744123999	-9.572069591	-9.526087944	-10.77300876	0.325682	0.3321976	0.3339609	0.2893008	-3.868659
2443000000	1.256637061	-2.617993878	-11.46491985	-9.13404069	-8.588260496	-9.683143044	0.2671493	0.3493693	0.3720377	0.3279766	-3.631965
2443000000	1.256637061	-2.565634	-12.70839102	-8.539245647	-7.912197268	-8.562821287	0.2315157	0.3741431	0.4021519	0.3731289	-3.27106
2443000000	1.256637061	-2.513274123	-12.75782573	-7.775063673	-7.442416237	-7.488731876	0.2302018	0.4085515	0.4245015	0.4222439	-2.583154
2443000000	1.256637061	-2.460914245	-11.9103146	-6.917586096	-7.110056294	-6.522941947	0.2537957	0.450942	0.4410595	0.4719032	-1.842638
2443000000	1.256637061	-2.408554368	-10.90501915	-6.073978031	-6.651777915	-5.712081609	0.2849371	0.4969367	0.4543715	0.5180789	-1.138402
2443000000	1.256637061	-2.35619449	-10.05935994	-5.331850821	-6.820795192	-5.087768499	0.314074	0.5412619	0.4666167	0.5566876	-0.543728
2443000000	1.256637061	-2.30384613	-9.36729517	-4.742660816	-6.389060889	-4.667035723	0.3401224	0.5792512	0.4792333	0.5843166	-0.704481
2443000000	1.256637061	-2.251474735	-8.722086239	-4.3262							

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2443000000	1.256637061	0.523598776	1.942690809	-4.664511434	-0.541978977	1.158396827	1.2506464	0.5844864	0.9395092	1.1426674	5.8391577
2443000000	1.256637061	0.575958653	1.743831559	-4.627479779	-0.552617332	1.567860679	1.2223387	0.5869837	0.9384673	1.1978241	5.9016914
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2443000000	1.256637061	0.668678408	1.274699342	-4.055305514	-0.737792343	2.406315042	1.1580704	0.6269526	0.918566	1.3192155	6.0699788
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2443000000	1.256637061	0.837758041	0.710098166	-2.567801179	-1.500532787	3.373207026	1.0851878	0.7440064	0.8413435	1.4745299	6.3302
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2443000000	1.256637061	1.151917306	0.944349923	-0.107537907	-2.738799885	3.684088013	1.1148527	0.9876956	0.7295583	1.5282852	6.7699103
2443000000	1.256637061	1.204277184	1.031359877	-0.008202081	-2.784445902	3.541687489	1.1260768	0.9990561	0.7257332	1.503434	6.7577673
2443000000	1.256637061	1.256637061	1.103816997	-0.032290398	-2.84406779	3.343574888	1.1355097	0.9962893	0.7207698	1.469531	6.693926
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2443000000	1.256637061	1.361356817	1.156425225	-0.459258135	-3.093369433	2.759179522	1.1424081	0.9484995	0.7003764	1.3739122	6.3721093
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2443000000	1.256637061	1.57096327	0.589494355	-2.469442206	-4.103818731	0.6184553	1.0702241	0.7525371	0.6235064	1.076694	4.917558
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2443000000	1.256637061	2.879793266	-6.58011075	-12.74060578	-14.04825198	-13.33200827	0.468543	0.2306586	0.1984209	0.2154763	-5.089925
2443000000	1.256637061	2.827433388	-6.51106401	-11.74485437	-13.67611497	-12.84479055	0.4725489	0.2586767	0.2071067	0.2279085	-4.684835
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2443000000	1.361356817	3.089232766	-12.76469063	-16.18625528	-19.98366969	-15.39999355	0.2300199	0.1551269	0.1001882	0.1698245	-9.693658
2443000000	1.361356817	3.141592654	-16.53959295	-19.21329905	-17.12079952	-17.73412108	0.1489431	0.1094801	0.1393029	0.1298058	-11.57563
2443000000	1.413716694	-3.141592654	-16.53959309	-19.21329896	-17.12079955	-17.73412135	0.1489431	0.1094801	0.1393029	0.1298058	-11.57563
2443000000	1.413716694	-3.089232776	-15.68374192	-21.3640816	-14.79252431	-17.64036323	0.1643663	0.0854665	0.1821268	0.1312145	-11.00775
2443000000	1.413716694	-3.036872899	-11.50981223	-20.07859792	-13.58711912	-15.91082941	0.2657721	0.0990902	0.2092397	0.1601248	-8.703889
2443000000	1.413716694	-2.984513021	-8.553159229	-17.59179753	-13.2624651	-14.23746932	0.3735442	0.1319502	0.2172139	0.1941451	-6.774601
2443000000	1.413716694	-2.932153143	-6.799814714	-15.59777561	-13.53105608	-13.06341329	0.4570979	0.1660012	0.2105946	0.2222436	-5.547837
2443000000	1.413716694	-2.879793266	-5.970668986	-14.19423778	-13.9691702	-12.33202999	0.5028825	0.1951139	0.2002357	0.2417678	-4.882504
2443000000	1.413716694	-2.827433388	-5.928826429	-13.23736227	-13.95512486	-11.88559824	0.5053109	0.2178371	0.2005597	0.2545189	-4.596023
2443000000	1.413716694	-2.775073511	-6.634437114	-12.59913484	-13.13178451	-11.53939017	0.4658844	0.2344462	0.2205011	0.2648686	-4.541101
2443000000	1.413716694	-2.722713633	-6.098099398	-12.1773273	-11.83302805	-11.11865957	0.3936362	0.2461125	0.256064	0.2780142	-4.628518
2443000000	1.413716694	-2.670353756	-10.26125267	-11.87607861	-10.559214826	-10.52148206	0.3068579	0.254798	0.2965098	0.2978008	-4.761694
2443000000	1.413716694	-2.617939878	-12.46350321	-11.5898879	-9.558258509	-9.762209866	0.2381359	0.2633332	0.3327263	0.3250046	-4.737433
2443000000	1.413716694	-2.565634									

2443000000	1.413716694	0.157079633	1.535649509	-0.580903921	-0.355101302	-0.01661666	1.1933902	0.9353083	0.9599419	0.9980888	6.2069173
2443000000	1.413716694	0.20943951	1.951401564	-1.182603906	-0.512253449	-0.038177828	1.2519013	0.8727097	0.94273	0.9956143	6.1562408
2443000000	1.413716694	0.261799388	2.194972836	-1.798503321	-0.626288803	-0.062600122	1.2875042	0.9127906	0.930434	0.9928188	6.0719714
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2443000000	1.413716694	0.366519143	2.273866345	-2.903720217	-0.708553152	-0.051585902	1.2992518	0.7158367	0.9216634	0.9982532	5.8783061
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2443000000	1.413716694	0.471238898	1.988192892	-3.536068626	-0.677637471	0.310485146	1.2572153	0.6655743	0.9249497	1.0363925	5.7652793
2443000000	1.413716694	0.523598776	1.76284602	-3.60768698	-0.682693267	0.585396073	1.2250175	0.660109	0.9244115	1.0697192	5.7543717
2443000000	1.413716694	0.575958653	1.503854934	-3.528977197	-0.739327652	0.901074365	1.1890298	0.666118	0.9184037	1.1105477	5.7652074
2443000000	1.413716694	0.628318531	1.227997358	-3.334781811	-0.869746563	1.261020475	1.1518605	0.6811785	0.9047168	1.1562481	5.7873762
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2443000000	1.413716694	0.730308286	0.72423502	-2.753443006	-1.389469885	1.94806548	1.0869555	0.7283294	0.8521705	1.2514205	5.8426304
2443000000	1.413716694	0.785398163	0.557636259	-2.423198542	-1.763261349	2.253688045	1.0663059	0.7565544	0.8162758	1.296237	5.879118
2443000000	1.413716694	0.837758041	0.478937701	-2.087078752	-2.17560181	2.521003421	1.0566883	0.7864046	0.7784307	1.3367499	5.9295161
2443000000	1.413716694	0.890117919	0.487442317	-1.751378905	-2.579171638	2.744191402	1.0577234	0.8173933	0.7430946	1.3715434	5.9983241
2443000000	1.413716694	0.942477796	0.561075416	-1.420351993	-2.919948812	2.919308156	1.0667282	0.8491461	0.7145005	1.3994758	6.0851791
2443000000	1.413716694	0.994837674	0.66770757	-1.099990252	-3.154210687	3.043439604	1.0799046	0.8810499	0.6954877	1.4196196	6.1842151
2443000000	1.413716694	1.047197551	0.779254263	-0.800202768	-3.265734407	3.113862493	1.0938624	0.9119895	0.686615	1.4311763	6.2850218
2443000000	1.413716694	1.099557429	0.879889141	-0.535192883	-3.72786107	3.127203738	1.1066097	0.9402435	0.6860519	1.4337362	6.3743718
2443000000	1.413716694	1.151917306	0.966067225	-0.322386638	-3.218978519	3.078752922	1.1176437	0.9635642	0.690321	1.4254029	6.4380384
2443000000	1.413716694	1.204277184	1.041026743	-1.18058497	-2.962176417	3.296176417	1.1273307	0.979424	0.6954274	1.4063999	6.462116
2443000000	1.413716694	1.256637061	1.107803058	-0.127915157	-3.125177912	2.769783628	1.1360309	0.9853811	0.6978163	1.3755905	6.4336644
2443000000	1.413716694	1.316135681	1.164143651	-0.179870054	-3.161393885	2.493295724	1.1434237	0.9759046	0.6949128	1.3234925	6.3410603
2443000000	1.413716694	1.361356697	1.200984142	-0.347394818	-3.282549525	2.124972097	1.1482837	0.9607939	0.685287	1.2771697	6.1745623
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2443000000	1.413716694	1.466076572	1.158116722	-1.037060909	-3.805394974	1.093134525	1.1426306	0.8874563	0.6452533	1.134114	5.9566552
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2443000000	1.413716694	1.570796327	0.868838814	-2.100816341	-4.687550134	-0.308321502	1.1052027	0.7851168	0.5829382	0.9651258	4.7066001
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2443000000	1.413716694	1.93731547	-2.133238144	-4.578573504	-10.19365946	-2.877871037	0.7822365	0.590298	0.3048014	0.7179702	1.566621
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2443000000	1.413716694	2.14675498	-4.73838122	-6.80717376	-10.46544859	-3.416197788	0.5795367	0.4567108	0.3000354	0.6474234	0.0481008
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2443000000	1.413716694	2.827433388	-7.336120362	-9.461122774	-7.020691713	-6.45549847	0.4297283	0.3364681	0.3923669	0.4456208	-1.915516
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2443000000	1.413716694	3.037872899	-9.778088193	-13.54895678	-18.54439418	-12.92379568	0.324411	0.210161	0.1182443	0.2258449	-7.144171
2443000000	1.413716694	3.089232776	-12.70597827	-16.07726192	-19.87421536	-15.55582578	0.23158	0.1570858	0.1014587	0.1668095	-9.670165
2443000000	1.413716694	3.141592654	-16.53959309	-17.12329896	-17.12079955	-17.73412135	0.1489431	0.1094801	0.1393029	0.1298058	-11.575631
2443000000	1.413716694	3.141592654	-16.53959332	-19.21329915	-17.12079966	-17.73412111	0.1489431	0.1094801	0.1393029	0.1298058	-11.575631
2443000000	1.466076572	-3.089232776	-15.65651733	-21.79368203	-14.739680677	-17.44572066	0.1648823	0.0813422	0.1832507	0.1341881	-11.0002
2443000000	1.466076572	-3.036872899	-11.35175682	-20.85942468	-13.45462491	-15.59680914	0.2706526	0.0509793	0.2124559	0.1659853	-6.639805
2443000000	1.466076572	-2.984513021	-8.322374775	-18.3839091	-13.04892746	-13.83813318	0.3836024	0.1204949	0.2226146	0.2032794	-6.651448
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2443000000	1.466076572	0.733038286	0.703943487	-2.137220777	-1.541766062	1.562379437	1.0844191	0.7818779	0.837359	1.1970684	5.8023057
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2443000000	1.518436449	2.775073511	-8.410274982	-8.768985635	-9.788771331	-7.091356747	0.3797399	0.3643768	0.3986635	0.4292553	-2.091353
2443000000	1.518436449	2.827433388	-7.986194568	-8.876242489	-8.518326695	-7.940650642	0.3987404	0.359905	0.3823038	0.4008372	-2.260116
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2443000000	1.518436449	2.932153143	-7.545265543	-10.1563789	-11.251373205	-9.895617535	0.4195046	0.3105854	0.2736172	0.320051	-3.584427
2443000000	1.518436449	2.984513021	-8.193848011	-11.44945841	-14.106371179	-11.43900272	0.3893208	0.2676252	0.1970976	0.2679476	-5.02082
2443000000	1.518436449	3.036872899	-9.762802994	-13.3737553	-17.85658451	-13.47726358	0.3249824	0.2160883	0.1729884	0.2119029	-7.121456
2443000000	1.518436449	3.089232776	-12.61709169	-15.87450192	-19.59387247	-15.90198512	0.239362	0.1607959	0.1047868	0.1602879	-6.931925
2443000000	1.518436449	3.141592654	-16.53959304	-19.21329915	-17.12079963	-17.73412096	0.1489431	0.1094801	0.1393029	0.1298058	-11.57563
2443000000	1.518436449	3.1451592654	-16.53959327	-19.21329925	-17.12079992	-17.73412119	0.1489431	0.1094801	0.1393029	0.1298058	-11.57563
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2443000000	1.518436449	3.303872899	-11.0890845	-22.6468082	-13.15244738	-15.81000736	0.2789625	0.0737326	0.2197772	0.1774597	-8.517847
2443000000	1.518436449	3.368213021	-9.284513021	-20.069164	-12.5236566	-13.08198157	0.4016762	0.0992326	0.2364924	0.221769	-6.382686
2443000000	1.518436449	3.436872899	-12.61709169	-15.87450192	-19.59387247	-15.90198512	0.5000155	0.1266908	0.2374086	0.2614873	-4.992901
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2443000000	1.570796327	-0.104719755	-3.691908686	1.395963277	0.642280089	-0.197496477	0.6537393	1.1743517	1.0767478	0.9775189	5.7613111
2443000000	1.570796327	-0.052359878	-2.22288279	1.182737866	0.54821786	-0.129193138	0.7742048	1.1482741	1.0537585	0.9852362	5.9312714
2443000000	1.570796327	-4.44E-16	-0.928698185	0.88917068	0.226407824	-0.076933047	0.8985973	1.1077928	1.0264089	0.9911819	6.072518
2443000000	1.570796327	0.052359878	0.148818353	0.519470624	-0.239901331	-0.05313019	1.017281	1.0616309	0.9727252	0.9939018	6.1714285
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2443000000	1.570796327	0.157079633	1.623896763	0.394813536	-0.354238648	-0.121289933	1.2055767	0.955563	0.9434819	0.986133	6.2154686
2443000000	1.570796327	0.20943951	2.041016444	-0.891013151	-0.698777669	-0.208028436	1.2648844	0.9205044	0.9227013	0.9763344	6.1636542
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2443000000	1.570796327	0.890117919	0.644239444	0.127185991	-3.256150726	1.313875408	1.0769907	1.0147506	0.7624168	1.1633055	6.0584391
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2443000000	1.570796327	3.141592654	-16.53959299	-19.21329885	-17.12079967	-17.73412116	0.1489431	0.1094801	0.1393029	0.1298058	-11.575631
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2443000000	1.570796327	2.984513021	-7.757681548	-							

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2443000000	1.623156204	0.733038286	0.855571321	-0.095941314	-1.834949612	0.38907219	1.1035158	0.9890152	0.8095665	1.045812	5.9067347
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2443000000	1.623156204	0.837758041	0.702844967	0.550413333	-2.060187412	0.709960256	1.084282	1.0654196	0.7888431	1.0851706	6.0719449
2443000000	1.623156204	0.890117919	0.718954325	0.787967155	-2.099237257	0.852633784	1.0862948	1.0949603	0.7853046	1.1031427	6.1706531
2443000000	1.623156204	0.942477796	0.785284628	0.964773446	-2.079201812	0.986492769	1.0946221	1.1147472	0.7872343	1.120275	6.2765192
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2443000000	1.623156204	1.151917306	1.116409951	1.108002186	-1.818670765	1.295681363	1.1371572	1.136057	0.8110852	1.1608713	6.5373032
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2443000000	1.623156204	1.308996939	1.14576783	0.606194047	-2.264112464	0.879025882	1.1410072	1.10722837	0.7705386	1.1064997	6.2145652
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2443000000	1.675516082	2.408554368	-4.766166032	-7.3868571	-10.24741502	-7.365779735	0.5776858	0.4272255	0.3073472	0.4282635	-1.20701
2443000000	1.675516082	2.460914245	-4.671115092	-8.446416367	-12.04961133	-7.04213276	0.5840422	0.3781631	0.249758	0.4445221	-1.636847
2443000000	1.675516082	2.513274123	-5.050830262	-8.931790057	-13.1611985	-6.949898193	0.5590601	0.3576107	0.2197557	0.4492676	-0.016212
2443000000	1.675516082	2.565634	-5.920004758	-8.772166007	-12.48997193	-7.114137372	0.5058244	0.3642434	0.2374113	0.4408523	-2.233231
2443000000	1.675516082	2.617993878	-7.233817581	-8.283192985	-10.80790553	-7.500653713	0.4348196	0.3853367	0.2881408	0.4216648	-2.326988
2443000000	1.675516082	2.670353756	-8.767534906	-7.814464311	-9.282157384	-8.039758036	0.3644377	0.4067024	0.3434726	0.3962891	-2.435875
2443000000	1.675516082	2.722713633	-9.90540789	-7.55825127	-8.303788556	-6.648977469	0.3196904	0.4188779	0.3844241	0.3694661	-2.542671
2443000000	1.675516082	2.775073511	-9.945604923	-7.588731681	-7.936196828	-9.268491411	0.3182143	0.4174105	0.4010423	0.3440135	-2.611372
2443000000	1.675516082	2.827433388	-9.143009189	-7.930231138	-8.19173413	-9.899393888	0.3490194	0.4013178	0.3894156	0.3199118	-2.735538
2443000000	1.675516082	2.879793266	-8.326921355	-8.597376564	-9.109381428	-10.61566501	0.3834016	0.3716475	0.3503732	0.2945892	-3.097968
2443000000	1.675516082	2.932153143	-8.005894982	-9.616937183	-10.78339577	-11.54084056	0.3978371	0.3304861	0.288955	0.2648244	-3.862145
2443000000	1.675516082	2.984513021	-8.425307334	-11.04405436	-13.36885679	-12.81095459	0.3790833	0.2804124	0.2145641	0.227898	-5.170209
2443000000	1.675516082	3.036872899	-9.816226665	-12.98171049	-16.83736039	-14.51963801	0.3229897	0.224434	0.1439236	0.1879395	-7.138878
2443000000	1.675516082	3.089232776	-12.55042505	-15.61127811	-19.07148221	-16.51068203	0.2357647	0.1657433	0.1112822	0.1494397	-9.600424
2443000000	1.675516082	3.141592654	-16.53959282	-19.21329							

2443000000	1.72787596	-0.471238898	-4.628685478	0.236918695	0.525165692	-0.035561654	0.5869022	1.0276517	1.0623272	0.9959142	5.2793343
2443000000	1.72787596	-0.41887902	-5.995735431	0.523782854	0.688175624	-0.224432997	0.5014334	1.0625158	1.0824523	0.9744922	5.1548573
2443000000	1.72787596	-0.366591343	-7.155771335	0.792420638	0.836194555	-0.358926134	0.4387442	1.1055218	1.1010568	0.9595193	5.0929965
2443000000	1.72787596	-0.314159265	-7.812086071	1.023421328	0.945445714	-0.430077165	0.4068138	1.125048	1.1149934	0.9516914	5.1019428
2443000000	1.72787596	-0.261799388	-7.66714177	1.199973153	0.997748802	-0.437578074	0.4136594	1.1481501	1.1217277	0.9508699	5.1880715
2443000000	1.72787596	-0.20943951	-6.719778681	1.307865383	0.981235304	-0.391085052	0.4613293	1.1625008	1.1195971	0.9559733	5.3420272
2443000000	1.72787596	-0.157079633	-5.292443775	1.335796082	0.89606241	-0.308694087	0.5437231	1.166245	1.1079777	0.9560844	5.5361964
2443000000	1.72787596	-0.104719755	-3.729901503	1.276144613	0.727513024	-0.213398795	0.650886	1.1582631	1.0873658	0.9757309	5.7386584
2443000000	1.72787596	-0.052359878	-2.241897522	1.126125199	0.500769755	-0.129047564	0.7725118	1.1384298	1.0593476	0.9852527	5.9235198
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2443000000	1.72787596	0.052359878	0.167802302	0.576356518	-0.073739023	-0.073278185	1.0195068	1.0686065	0.9915464	0.991599	6.1739742
2443000000	1.72787596	0.104719755	1.034825495	0.20761127	-0.357307087	-0.127289723	1.1265261	1.0241901	0.9577044	0.9854521	6.2220867
2443000000	1.72787596	0.157079633	1.675444019	-0.18771927	-0.656911725	-0.239364821	1.2127526	0.9786199	0.9271594	0.9728184	6.2167332
2443000000	1.72787596	0.20943951	2.102671656	-0.571646918	-0.90476328	-0.399406875	1.2738949	0.9363057	0.9010769	0.9550578	6.1634636
2443000000	1.72787596	0.261799388	2.336790634	-0.900531781	-1.1582859	-0.585913565	1.3086983	0.9015159	0.879445	0.934769	6.073484
2443000000	1.72787596	0.314159265	2.404350501	-1.130979471	-1.295568428	-0.767377197	1.3189172	0.8779121	0.8614331	0.9154426	5.9631327
2443000000	1.72787596	0.366591343	2.33800445	-1.228297638	-1.452723108	-0.907836272	1.3088812	0.8681307	0.8459873	0.9007581	5.8534428
2443000000	1.72787596	0.41887902	2.176051265	-1.175252048	-1.593678154	-0.976823643	1.2847025	0.8734487	0.8323694	0.8936322	5.7653261
2443000000	1.72787596	0.471238898	1.960020434	-0.977205716	-1.719310476	-0.960063917	1.2531441	0.8935929	0.8204167	0.8953582	5.7167966
2443000000	1.72787596	0.523598563	1.72904983	-0.660516504	-1.825108676	-0.864398973	1.2202603	0.9267747	0.8104842	0.905274	5.7147294
2443000000	1.72787596	0.575958653	1.512310523	-0.264791987	-1.903617343	-1.073274223	1.1901879	0.9699828	0.8031916	0.9211626	5.7661581
2443000000	1.72787596	0.628318531	1.324021988	0.167473208	-1.947383653	-0.536025795	1.1646655	1.0194681	0.7991546	0.9401534	5.8527434
2443000000	1.72787596	0.680678408	1.165566325	0.598126018	-1.959059167	-0.357698612	1.143611	1.0712881	0.7988265	0.9596551	5.9626036
2443000000	1.72787596	0.730383286	1.033936159	0.998151207	-0.911639355	-0.19364801	1.1264108	1.1217797	0.8024501	0.9779521	6.0824673
2443000000	1.72787596	0.785398163	0.930142451	1.347981375	-1.829915654	-0.049191508	1.1130306	1.1678823	0.8100358	0.9943526	6.2038821
2443000000	1.72787596	0.837758041	0.861262524	1.63624847	-1.710206448	0.077505338	1.1042391	1.2072923	0.821277	1.0089631	6.3231228
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2443000000	1.72787596	0.942477796	0.852129112	2.011318318	-1.40038617	0.295147078	1.1030786	1.2605669	0.8511002	1.034564	6.5457678
2443000000	1.72787596	0.994837674	0.901925562	2.098380229	-1.24470977	0.388529579	1.1094207	1.2732656	0.8664919	1.0457466	6.6385116
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2443000000	1.72787596	1.099557429	1.024111421	2.083317149	-1.03570763	0.512101476	1.1251374	1.2710594	0.8875945	1.0607305	6.73824
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2443000000	1.72787596	1.204277184	1.070044624	1.828622171	-1.083830483	0.462389544	1.1311032	1.2343295	0.8826905	1.054677	6.6544238
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2443000000	1.72787596	1.308996939	1.002202388	1.318359479	-1.483380047	0.142785491	1.122303	1.1639062	0.8430066	1.0165746	6.331547
2443000000	1.72787596	1.361356817	0.934137703	0.945871949	-1.83082716	-0.123355401	1.1135427	1.1150481	0.8099508	0.9858986	6.0735096
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2443000000	1.72787596	1.832595715	-1.031500133	-7.320644317	-12.06285727	-2.197624078	0.8880246	0.4304497	0.2493774	0.7748595	1.379872
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2443000000	1.72787596	2.513274123	-5.215719633	-8.180501207	-11.30156419	-6.940313502	0.5485472	0.3899195	0.2722211	0.4497636	-1.616076
2443000000	1.72787596	2.565634	-6.166428633	-8.123590339	-10.83182584	-7.274018396	0.4916755	0.3924827	0.2873484	0.4328118	-1.914789
2443000000	1.72787596	2.617993878	-7.599536053	-7.734865817	-9.718628117	-7.851905528	0.4168917	0.4104466	0.3266394	0.4049531	-2.164063
2443000000	1.72787596	2.670353756	-9.293471127	-7.343950344	-8.622564158	-8.584818347	0.3430255	0.4293411	0.3705713	0.3721852	-2.411641
2443000000	1.72787596	2.722713633	-10.5515624	-7.152302549	-9.596754936	-9.359875066	0.2967713	0.4389195	0.4028812	0.3404131	-2.621324
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2443000000	1.780235837	-0.523598776	-3.394249602	-0.340914639	0.505580358	0.337828714	0.6765307	0.961511	1.0599345	1.0396602	5.4313412
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2443000000	1.780235837	-0.41887902	-6.15089078	0.26893567	0.781574878	-0.186458879	0.4925558	1.0314467	1.0941547	0.9787619	5.0980136
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2443000000	1.832595715	2.14675498	-6.003801	-3.747319104	-10.36905361	-8.014159153	0.500968	0.6495821	0.303073	0.3974587	-0.672088
2443000000	1.832595715	2.199114858	-6.527792048	-3.50538179	-9.312797572	-7.958888931	0.4716397	0.6679299	0.3422631	0.3999959	-0.528998
2443000000	1.832595715	2.251474735	-6.385558575	-3.643336983	-8.585168003	-7.412647066	0.4794265	0.6574052	0.3721702	0.4259589	-0.287156
2443000000	1.832595715	2.303834613	-5.806816691	-4.132269758	-6.749881613	-6.424523672	0.512459	0.6214218	0.3892797	0.4597333	-0.074611
2443000000	1.832595715	2.35619449	-5.212189133	-4.908976322	-8.083090663	-6.245423672	0.5487702	0.5682654	0.3943206	0.4872242	-0.006167
2443000000	1.832595715	2.408554368	-4.895800523	-5.838507338	-8.138795649	-6.029365066	0.569128	0.5105297	0.3917962	0.4994957	-0.126812
2443000000	1.832595715	2.460914245	-5.004163841	-6.6797251	-8.203641983	-6.147787903	0.5620718	0.4634616	0.3888821	0.4927318	-0.412915
2443000000	1.832595715	2.513274123	-5.611016253	-7.150800411	-8.118169615	-6.606704845	0.5241423	0.4389954	0.3927277	0.4673742	-0.803725
2443000000	1.832595715	2.565634	-6.761377206	-7.151990613	-7.818265942	-7.386937537	0.4591252	0.4389353	0.4065245	0.4722215	-1.250613
2443000000	1.832595715	2.6179939878	-8.454692805	-6.870592012	-7.387227229	-8.438624749	0.377803	0.4533884	0.4272073	0.3785025	-1.740151
2443000000	1.832595715	2.670353756	-10.47405747	-6.586452345	-6.993357341	-9.661690407	0.2994313	0.4684653	0.4470253	0.3287876	-2.249289
2443000000	1.832595715	2.722713633	-11.92301705	-6.492894108	-6.798715453	-10.88911453	0.2534248	0.4753385	0.4571553	0.2854594	-2.676747
2443000000	1.832595715	2.775073511	-11.63605831	-6.681742233	-6.925187502	-11.92296175	0.2619371	0.463354	0.4505475	0.2534264	-2.918344
2443000000	1.832595715	2									

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2443000000	1.884955592	-0.733038286	0.967267727	-0.684811751	0.727658425	2.051200592	1.1177981	0.9241861	1.087384	1.2663683	6.840033
2443000000	1.884955592	-0.680678408	-0.0055343	-0.927771815	0.674278186	1.697408173	0.999363	0.8986931	1.0807218	1.2158232	6.4332134
2443000000	1.884955592	-0.628318531	-1.136702569	-1.052607829	0.660849788	1.309822183	0.8773338	0.8858692	1.0790523	1.1626727	6.0314897
2443000000	1.884955592	-0.575958653	-2.400983942	-1.028725119	0.619430524	0.903201043	0.7584916	0.8883083	1.082858	1.1095367	5.6643092
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2443000000	1.884955592	-0.471123898	-5.161535761	-0.574981299	0.859680093	0.122949169	0.5519798	0.9359463	1.104038	1.0142557	5.120444
2443000000	1.884955592	-0.41887902	-6.501487546	-0.22511131	0.967966733	-0.19244809	0.4730702	0.9744161	1.1178881	0.9780872	4.9679548
2443000000	1.884955592	-0.366519143	-7.584228583	0.142829405	1.063656415	-0.41905002	0.417627	1.0165798	1.1306242	0.9529004	4.9046535
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2443000000	1.884955592	-0.20943951	-6.711402566	0.995071986	1.109260555	-0.484208973	0.4617744	1.121382	1.1362216	0.9457787	5.2612512
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2443000000	1.884955592	-0.104719755	-3.694211574	1.140886898	0.799910639	-0.234260062	0.653566	1.1403662	1.0964669	0.9733903	5.7196689
2443000000	1.884955592	-0.052359878	-2.226538725	1.062081102	0.539576132	-0.12929582	0.773879	1.1300666	1.0640911	0.9852245	5.9185104
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2443000000	1.884955592	0.052359878	0.162532655	0.639124051	-0.117228777	-0.094592251	1.0188884	1.0763567	0.9865942	0.9891687	6.1734393
2443000000	1.884955592	0.104719755	1.03456426	0.393390047	-0.466774018	-0.189780257	1.1264923	1.03984	0.9476791	0.9738877	6.2189595
2443000000	1.884955592	0.157079633	1.688757817	0.027240598	-0.802448386	-0.360337483	1.2146129	1.0031411	0.9117538	0.9593634	6.2114686
2443000000	1.884955592	0.20943951	2.135679874	-0.252333336	-1.115358652	-0.594222116	1.2787451	0.971367	0.8794924	0.9338753	6.1573621
2443000000	1.884955592	0.261799388	2.392982564	-0.453256418	-1.408625365	-0.06879878	1.3171921	0.9941551	0.8502933	0.9048019	6.0673071
2443000000	1.884955592	0.314159265	2.484947375	-0.537128992	-1.691675359	-0.151625563	1.3312124	0.940034	0.8230311	0.8758278	5.9554406
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2443000000	1.884955592	0.994836764	0.709051625	2.824360387	-0.749267253	0.129629399	1.0850571	1.3842611	0.9173533	1.0150361	6.8518238
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2443000000	1.93731547	0.157079633	1.683943891	0.098532705	-0.847886877	-0.399451813	1.2139399	1.0414086	0.9069966	0.9550529	6.2083386
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2443000000	1.93731547	0.261799388	2.408150664	-0.315680439	-1.504098116	-0.959283834	1.3194943	0.9643085	0.8409983	0.8954386	6.0644389
2443000000	1.93731547	0.314159265	2.514437376	-0.3620168	-1.821744572	-1.275113891	1.3357398	0.9591797	0.8107982	0.8634641	5.934316
2443000000	1.93731547	0.366519143	2.488331553	-0.272566924	-2.139957744	-1.563612422	1.3317312	0.9691068	0.7816316	0.8352556	5.8400795
2443000000	1.93731547	0.41887902	2.367045164	-0.054187433	-2.445798021	-1.782218099	1.3132647	0.9937809	0.7545884	0.8144963	5.7473671
2443000000	1.93731547	0.471238898	2.19178201	0.266281961	-2.704148527	-1.896716816	1.2870313	1.0313116	0.7324746	0.8043829	5.6986876
2443000000	1.93731547	0.523598776	2.000797248	0.650891915	-2.864217341	-1.892042515	1.259041	1.078159	0.7190997	0.8042626	5.7116395
2443000000	1.93731547	0.575958653	1.820125502	1.060252201	-2.87991356	-1.776498363	1.2331227	1.1298287	0.7178014	0.8150328	5.7913101
2443000000	1.93731547	0.628318531	1.657625928	1.460515473	-2.735350212	-1.576104669	1.2102673	1.1831118	0.7298481	0.8340551	5.9273408
2443000000	1.93731547	0.680678408	1.505622305	1.826701544	-2.456285317	-1.323333135	1.1892718	1.2340566	0.7536778	0.8586839	6.0977564
2443000000	1.93731547	0.733038286	1.35118664	2.143053032	-2.097812762	-1.047452707	1.1683133	1.2798311	0.7854334	0.8863951	6.2277284
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2443000000	1.93731547	0.837758041	1.018482529	2.599895519	-1.373793767	-0.506601696	1.1244085	1.3489467	0.8537095	0.9433436	6.5887881
2443000000	1.93731547	0.890117919	0.858325093	2.738755724	-1.088959671	-0.266599236	1.1038657	1.3706854	0.8821695	0.9697729	6.7021221
2443000000	1.93731547	0.942477796	0.721823747	2.820378906	-0.882609038	-0.065027765	1.0866538	1.3836267	0.9033706	0.993321	6.7830084
2443000000	1.93731547	0.994836764	0.616912193	2.847270558	-0.760904314	0.111753468	1.0736077	1.3879171	0.9161251	1.0129492	6.8298758
2443000000	1.93731547	1.047197551	0.540629804	2.8219038	-0.723301129	0.237606801	1.0642202	1.3838697	0.9200998	1.0277731	6.8404011
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2443000000	1.989675347	0.733038286	1.434494804	2.229389531	-2.171516763	-1.321243047	1.1795728	1.2926158	0.7787968	0.8588906	6.2559745
2443000000	1.989675347	0.785398163	1.251194682	2.4483909	-1.761000484	-1.007033065	1.1549408	1.3258413	0.8164883	0.8905296	6.4191188
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2443000000	1.989675347	0.942477796	0.691711029	2.769243652	-0.9276449	-0.164591803	1.082893	1.375505	0.8987062	0.9812291	6.7258585
2443000000	1.989675347	0.994837674	0.546297768	2.770918056	-0.834692366	0.044802605	1.0649149	1.3757702	0.9083754	1.0051714	6.756313
2443000000	1.989675347	1.047197551	0.430262143	2.724613055	-0.832723557	0.206215393	1.0507832	1.3684554	0.9085814	1.0240255	6.7528963
2443000000	1.989675347	1.099557429	0.336747891	2.632942419	-0.91375462	0.316483259	1.0395309	1.3540887	0.9001446	1.0371084	6.7109803
2443000000	1.989675347	1.151917306	0.255850832	2.690969242	-1.08697177	0.375648241	1.029894	1.3333785	0.8842018	1.041969	6.6319292
2443000000	1.989675347	1.204277184	0.17932206	2.326618016	-1.289808448	0.386802958	1.0208598	1.3071665	0.8620046	1.0455388	6.5176366
2443000000	1.989675347	1.256637061	0.102362484	2.118837588	-1.565771074	0.355429865	1.0118546	1.276268	0.8348616	1.0471692	6.3711858
2443000000	1.989675347	1.308996939	0.02218504	1.877193476	-1.8927709	0.288299053	1.0025574	1.2412512	0.8041952	1.0337486	6.1963332
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2443000000	1.989675347	1.884955592	-2.421845372	-6.087297688	-5.803646846	-3.19449853	0.7566721	0.4961753	0.5124661	0.6823819	1.7551863
2443000000	1.989675347	1.93731547	-2.996991954	-6.925261039	-6.49529	-4.035089653	0.708191	0.4505347	0.4734079	0.6284135	1.063706
2443000000	1.989675347	1.989675347	-3.706962779	-7.02832424	-7.286208445	-4.631392972	0.6526072	0.4452294	0.4322048	0.5867193	0.492835
2443000000	1.989675347	2.042035225	-4.520154938	-6.472462382	-8.082984995	-4.960341437	0.5942816	0.4746537	0.3943218	0.5649148	0.1214949
2443000000	1.989675347	2.094395102	-5.322984647	-5.6787137	-8.715828448	-4.94815185	0.5418147	0.520073	0.3666136	0.5657081	-0.025185
2443000000	1.989675347	2.14675498	-5.905781299	-4.999309394	-8.987853603	-4.667358802	0.5066534	0.562386	0.3553099	0.5882494	0.0374603
2443000000	1.989675347	2.199114858	-6.067913375	-4.601836737	-8.811053946	-4.288060488	0.4972838	0.5887192	0.3626163	0.6103753	0.2525042
2443000000	1.989675347	2.251474735	-5.821448417	-4.536949551	-8.285441945	-3.976764425	0.5115965	0.5931336	0.3852369	0.6326475	0.5168226
2443000000	1.989675347	2.303834613	-5.409478644	-4.790866649	-7.601974919	-3.847877233	0.5364461	0.5704053	0.4167746	0.6421051	0.7104813
2443000000	1.989675347	2.35619449	-5.10951229	-5.293884974	-6.914017032	-3.96714685	0.5552958	0.5436329	0.4511273	0.6333484	0.7620838
2443000000	1.989675347	2.408554368	-5.111847327	-5.90318195	-6.302020778	-4.369040863	0.5551465	0.506805	0.4840597	0.6047111	0.6310873
2443000000	1.989675347	2.460914245	-5.527431231	-6.402780346	-5.796283235	-5.069890403	0.5292105	0.4784769	0.5130809	0.5578346	0.3348307
2443000000	1.989675347	2.513274123									

2443000000	2.042035225	-1.099557429	2.451828773	1.035186504	0.532078264	3.066840182	1.3261463	1.126573	1.0631729	1.4234493	7.8527812
2443000000	2.042035225	-1.047197551	2.737970815	1.151513051	0.678559725	3.074710426	1.3705615	1.1417622	1.0812546	1.4247397	7.9905637
2443000000	2.042035225	-0.994837674	2.834956569	1.157021558	0.790890426	3.036371385	1.3859508	1.1424865	1.0953288	1.4184648	8.0318549
2443000000	2.042035225	-0.942477796	2.736435115	1.043038755	0.872022864	2.948968036	1.3703192	1.1275919	1.1056079	1.4042628	7.9723082
2443000000	2.042035225	-0.890119719	2.441390449	0.808534722	0.972728694	2.808832338	1.3245536	1.0975561	1.1126648	1.3817886	7.8126324
2443000000	2.042035225	-0.837758041	1.952610118	0.462993097	0.963346545	2.612099427	1.2520755	1.0547503	1.1172936	1.3508433	7.5587997
2443000000	2.042035225	-0.785398163	1.276185444	0.030346261	0.967204975	2.356562189	1.1582686	1.0034999	1.1203668	1.3115432	7.222612
2443000000	2.042035225	-0.733038286	0.422210136	-0.44671007	1.005467825	2.038483234	1.0498095	0.9498707	1.122725	1.2645155	6.8252598
2443000000	2.042035225	-0.680678408	-0.593947831	-0.904840042	1.023399948	1.663499918	0.9339048	0.910689	1.1251152	1.211086	6.3845682
2443000000	2.042035225	-0.628318531	-1.75101463	-1.26638317	1.047452901	1.239682514	0.8174275	0.8643324	1.1281651	1.1534111	5.9406182
2443000000	2.042035225	-0.575958653	-3.022418459	-1.459193166	1.079615256	0.784361499	0.7061209	0.8453574	1.1323502	1.0945058	5.5254077
2443000000	2.042035225	-0.523598776	-4.375139819	-1.444853955	1.122160134	0.32499692	0.6042867	0.8467541	1.1379102	1.0381255	5.1705343
2443000000	2.042035225	-0.471238898	-5.756384813	-1.235576202	1.173786878	-0.100900126	0.5154431	0.8674035	1.1446938	0.9884507	4.9003556
2443000000	2.042035225	-0.41887902	-7.0515651	-0.884908099	1.228853013	-0.449922224	0.4440396	0.903139	1.1519739	0.9495195	4.7324381
2443000000	2.042035225	-0.366519143	-8.01889907	-0.462190886	1.276649099	-0.682724159	0.3972419	0.9481793	1.1583304	0.9244082	4.6806212
2443000000	2.042035225	-0.314159265	-8.3132325363	-0.031261335	1.301964404	-0.77785607	0.3840066	0.9964074	1.1617113	0.9143389	4.7520414
2443000000	2.042035225	-0.261799388	-7.759310093	0.358424399	1.287161634	-0.742133146	0.4092932	1.0421284	1.1597332	0.9187071	4.9330776
2443000000	2.042035225	-0.20943951	-6.565645359	0.672245793	1.215345043	-0.609841717	0.4695888	1.0804689	1.1501838	0.9321975	5.1833667
2443000000	2.042035225	-0.157079633	-5.090193911	0.888239078	1.073874369	-0.431013051	0.5565322	1.107674	1.131602	0.9515889	5.4539944
2443000000	2.042035225	-0.104719755	-3.58470429	0.995288934	0.857479265	-0.256782585	0.6618579	1.1214011	1.1037583	0.9708695	5.7064099
2443000000	2.042035225	-0.052359878	-2.177350482	0.992443976	0.57034141	-0.129157101	0.7782739	1.1210428	1.0678668	0.9852402	5.9166701
2443000000	2.042035225	-4.44E-16	-0.928698181	0.889170598	0.226407734	-0.076933065	0.8985973	1.1077928	1.0264088	0.9911819	6.072518
2443000000	2.042035225	0.052359878	0.132654741	0.706042531	-0.152990062	-0.11574476	1.0153897	1.0846812	0.9825406	0.9867628	6.1699528
2443000000	2.042035225	0.104719755	0.995270516	0.475057821	-0.544746468	-0.24978124	1.1214077	1.0562164	0.9392099	0.9716524	6.2106512
2443000000	2.042035225	0.157079633	1.658929661	0.23831203	-0.93164121	-0.47359242	1.210449	1.0278188	0.8982928	0.9469355	6.2000429
2443000000	2.042035225	0.20943951	2.131737326	0.043591787	-1.308342563	-0.773246229	1.2781643	1.0050313	0.8601672	0.9148243	6.1460414
2443000000	2.042035225	0.261799388	2.428619808	-0.064366593	-1.681253678	-1.126648627	1.3226075	0.9926169	0.8240192	0.8783499	6.05872
2443000000	2.042035225	0.314159265	2.570890658	-0.054642304	-2.060489206	-1.503361296	1.3444496	0.9937288	0.7888157	0.8410696	5.9509729
2443000000	2.042035225	0.366519143	2.586196311	0.081157087	-2.446638323	-1.865038234	1.3468208	1.0097373	0.7545157	0.8067669	5.8395596
2443000000	2.042035225	0.41887902	2.507787695	0.327595729	-2.817617519	-2.168434249	1.3347176	1.0384361	0.7229681	0.7790732	5.7542714
2443000000	2.042035225	0.471238898	2.371457055	0.652084892	-3.122697599	-2.372663675	1.3139319	1.077964	0.6980156	0.7609687	5.6906003
2443000000	2.042035225	0.523598776	2.209466494	1.015352264	-3.292667803	-2.449699044	1.2895643	1.1240034	0.6844892	0.7542495	5.6940196
2443000000	2.042035225	0.575958653	2.043291708	1.380635136	-3.270981612	-2.392906696	1.2652157	1.1722811	0.6862003	0.7591973	5.7625118
2443000000	2.042035225	0.628318531	1.879520466	1.71912151	-3.049897294	-2.271721343	1.2415838	1.1288663	0.7038844	0.7746665	5.8871186
2443000000	2.042035225	0.680678408	1.712410883	2.011757273	-2.679839918	-1.953977543	1.217925	1.2660367	0.7345274	0.7985482	6.0458022
2443000000	2.042035225	0.73038286	1.532054322	2.248590692	-2.241814346	-1.635540905	1.1928964	1.2954765	0.7725192	0.8238673	6.2122932
2443000000	2.042035225	0.785398163	1.33318405	2.426753164	-1.813169494	-1.292998087	1.1658944	1.3222323	0.811599	0.8616881	6.3644081
2443000000	2.042035225	0.837758041	1.119889246	2.547890441	-1.46812939	-0.905998081	1.1376128	1.3408942	0.8463975	0.8962941	6.4881158
2443000000	2.042035225	0.890119719	0.904552156	2.61567319	-1.177848862	-0.628499626	1.1097563	1.3513992	0.8731876	0.9301972	6.5768444
2443000000	2.042035225	0.942477796	0.702435163	2.633935127	-1.012034114	-0.339922828	1.0842308	1.3542435	0.890017	0.9616208	6.628773
2443000000	2.042035225	0.994837674	0.525307856	2.650798244	-0.949207891	-0.095733672	1.0623445	1.3498637	0.8964779	0.9890388	6.6444172
2443000000	2.042035225	1.047197551	0.377702362	2.533809878	-0.980074127	0.09736684	1.0444439	1.3387223	0.8932979	1.0112728	6.6239626
2443000000	2.042035225	1.099557429	0.257386898	2.42068494	-1.091869983	0.23645554	1.0300762	1.3213998	0.8818739	1.0275969	6.5695224
2443000000	2.042035225	1.151917306	0.158649025	2.270003227	-1.271177923	0.322158506	1.018433	1.298674	0.8638555	1.0377863	6.4830734
2443000000	2.042035225	1.204277184	0.075386768	2.062589405	-1.505470634	0.358004343	1.008717	1.2714901	0.8408654	1.042078	6.3768421
2443000000	2.042035225	1.256637061	0.00186093	1.873987413	-1.78318477	0.349378349	1.0002143	1.2407931	0.8144056	1.0410436	6.2275672
2443000000	2.042035225	1.308996939	-0.06878292	1.636169943	-2.092348652	0.302224191	0.9921123	1.2072814	0.7859276	1.0354073	6.0654953
2443000000	2.042035225	1.361356817	-0.146278728	1.3724950721	-2.418469021	0.221650562	0.9833001	1.171183	0.7569663	1.0258468	5.8833618
2443000000	2.042035225	1.413716694	-0.243072933	1.07807285	-2.743079765	0.110585186	0.9724031	1.1321491	0.7291989	1.012813	5.6808597
2443000000	2.042035225	1.466076572	-0.371539938	0.742892547	-3.044721419	-0.03139144	0.9581268	1.0982928	0.7043101	0.9963924	5.4556749
2443000000	2.042035225	1.518436449	-0.539953288	0.351891278	-3.3034873	-0.2086712	0.9397284	1.0413448	0.6836371	0.9762401	5.2036954
2443000000	2.042035225	1.570796327	-0.749736223	-0.114682676	-3.508288132	-0.430812892	0.9173038	0.9883865	0.6677065	0.9516108	4.9188967
2443000000	2.042035225	1.623156204	-0.996088177	-0.680601669	-3.663412926	-0.709869991	0.8916524	0.9246341	0.6558875	0.9215237	4.5928632
2443000000	2.042035225	1.675516082	-1.272446333	-1.372002638	-3.790398897	-1.060364515	0.8637294	0.853886	0.6463683	0.8850785	4.2145603
2443000000	2.042035225	1.72787596	-1.577081872	-2.212889813	-3.923959173	-1.49456539	0.8339613	0.775096	0.6365053	0.8491218	3.7714956
2443000000	2.042035225	1.780235837	-1.91849093	-3.213818044	-4.104485954	-2.01646071	0.8018174	0.6907312	0.6234126	0.7928243	3.253634
2443000000	2.042035225	1.832595715	-2.316469536	-3.445996083	-4.370616004	-2.612037422	0.7659079	0.6063176	0.6046015	0.7402836	2.6615463
2443000000	2.042035225	1.884955592	-2.797592785	-5.49231588	-4.753238728	-3.236179131	0.7246368	0.5313543	0.5785462	0.6889553	2.0194408
2443000000	2.042035225	1.93731547	-3.384975386	-6.399905438	-5.269753494	-3.802245016	0.6772535	0.4786353	0.5451454	0.6454874	1.3878098
2443000000	2.042035225	1.989675347	-4.080861032	-6.765562066	-5.915392053	-4.193453796	0.6251107	0.4589041	0.5060931	0.6170599	0.8561069
2443000000	2.042035225	2.042035225	-4.839190242	-6.526393406	-6.648286104	-4.31740741	0.5728494	0.4717157	0.4651421	0.6083165	0.4980169
2443000000	2.042035225	2.094395102	-5.534863785	-5.95631621	-6.349281663	-4.177177248	0.5287578	0.5037142	0.4280908	0.6182173	0.3355712
2443000000	2.042035225	2.14675498	-5.975202325	-5.390145784	-7.915675302	-3.880517355	0.5026201	0.5376414	0.4019909	0.6396967	0.3488026
2443000000	2.042035225	2.199114858	-6.022924568	-5.032008144	-8.114226153	-3.575250736	0.4998662	0.5602729	0.392906	0.6625787	0.4881689
2443000000	2.042035225	2.251474735	-5.74765027	-4.961763685	-7.98982922	-3.386630631	0.5159617	0.5648223	0.4027991	0.6771244	0.6713199
2443000000	2.042035225	2.303834613	-5.386008758	-5.17835896	-7.36375032	-3.397832706	0.5378975	0.5509118	0.4283635	0.6762517	0.801854
2443000000	2.042035225	2.35619449	-5.17590954	-5.613339116	-6.684713591	-3.656934151	0.5510672	0.5240021	0.4631955	0.6537679	0.8066725
2443000000	2.042035225	2.408554									

2443000000	2.094395102	-1.204277184	1.194042503	0.334558852	-0.028903954	2.709823024	1.1473664	1.0392689	0.9966778	1.3661272	7.1385597
2443000000	2.094395102	-1.151917306	1.793851932	0.665930479	0.210267054	2.788954005	1.2293983	1.0796836	1.0245033	1.3786299	7.4439022
2443000000	2.094395102	-0.095557429	2.239253327	0.91912878	0.418925885	2.830001013	1.2940846	1.1116202	1.0494126	1.3851603	7.6768059
2443000000	2.094395102	-1.047197551	2.509495642	1.073888723	0.594309102	2.831838157	1.3349801	1.1316039	1.0708175	1.3854534	7.8237406
2443000000	2.094395102	-0.994837674	2.59192585	1.114299488	0.73730502	2.79159722	1.3477095	1.1368809	1.0885928	1.3791067	7.8755214
2443000000	2.094395102	-0.942477796	2.480976751	1.030251517	0.85149963	2.706761076	1.330604	1.1259331	1.1029987	1.3656457	7.8278449
2443000000	2.094395102	-0.890117919	2.176354656	0.81971019	0.841757429	2.571860601	1.2847474	1.0289901	1.11452	1.3445998	7.6812735
2443000000	2.094395102	-0.837758041	1.681644801	0.488566869	1.012955376	2.382556274	1.2136186	1.0578604	1.1236932	1.315612	7.4412643
2443000000	2.094395102	-0.785398163	1.003952975	0.05974538	1.069151527	2.134750485	1.1252592	1.0069022	1.1309869	1.2786083	7.1186546
2443000000	2.094395102	-0.733038286	0.154500354	-0.427680153	1.113509525	1.826411158	1.0179467	0.9515941	1.1367775	1.2340153	6.7305827
2443000000	2.094395102	-0.680678408	-0.850676569	-0.912697787	1.148861721	1.459604262	0.9067053	0.9002541	1.1414137	1.1829877	6.3012626
2443000000	2.094395102	-0.628318531	-1.991107404	-1.316601472	1.178485764	1.04293035	0.7951419	0.8593497	1.1453097	1.1275778	5.8614565
2443000000	2.094395102	-0.575958653	-3.243287161	-1.560125897	1.206265583	0.594087598	0.6883917	0.8355909	1.1489821	1.0707902	5.4455484
2443000000	2.094395102	-0.523598776	-4.578567707	-1.592515655	1.236252641	0.141852998	0.5902984	0.8324808	1.1529557	1.0164655	5.0866113
2443000000	2.094395102	-0.471238898	-5.945436723	-1.414407879	1.270574736	-0.274055471	0.5043455	0.8497274	1.1575206	0.9689408	4.8123184
2443000000	2.094395102	-0.41887902	-7.219924641	-1.074516376	1.307219123	-0.607725342	0.4355157	0.8836376	1.1624143	0.9324246	4.6446506
2443000000	2.094395102	-0.366519143	-8.138007949	-0.644451139	1.338272777	-0.81826702	0.3918317	0.9284905	1.1665776	0.9100948	4.6012973
2443000000	2.094395102	-0.314159265	-8.346162334	-0.193713429	1.349927132	-0.885009591	0.3825532	0.9779448	1.1681439	0.9031284	4.6897645
2443000000	2.094395102	-0.261799388	-7.709829174	0.222564189	1.324603152	-0.981813162	0.4116314	1.0259458	1.1647431	0.9101009	4.8915743
2443000000	2.094395102	-0.20943951	-6.480319268	0.565535764	1.2454599152	-0.656490632	0.4742246	1.0672761	1.1540642	0.9272004	5.1602134
2443000000	2.094395102	-0.157079633	-5.011499798	0.810615277	1.096174163	-0.454002348	0.5615973	1.0978191	1.134511	0.9490736	5.4437988
2443000000	2.094395102	-0.104719755	-3.532122479	0.945344794	0.873058124	-0.263962572	0.6658768	1.1149804	1.1057397	0.9700673	5.7036367
2443000000	2.094395102	-0.052359878	-2.153692736	0.968325	0.578678441	-0.128880036	0.7803966	1.1179342	1.0688922	0.9852717	5.9168261
2443000000	2.094395102	-4.44E-16	-0.92869788	0.889170613	0.226407688	-0.076933091	0.8985973	1.1077928	1.0264088	0.9911819	6.072518
2443000000	2.094395102	0.052359878	0.117196858	0.728974746	1.122539494	-0.122539494	1.0135842	1.0875488	0.981411	0.9859912	6.168164
2443000000	2.094395102	0.104719755	0.973039913	0.520432573	0.566990414	-0.268459206	1.1185412	1.0617484	0.9368078	0.9695652	6.206776
2443000000	2.094395102	0.157079633	1.638110923	0.306253778	-0.969108363	-0.50728078	1.2075512	1.3585777	0.8944263	0.9431996	6.19487
2443000000	2.094395102	0.20943951	1.219701085	0.134211486	-1.364475956	-0.826189511	1.2763949	1.0555717	0.8546262	0.9092651	6.1410546
2443000000	2.094395102	0.261799388	2.43183105	0.048047113	-1.759424821	-1.20119658	1.3230966	1.005547	0.8166364	0.8708436	6.0555415
2443000000	2.094395102	0.314159265	2.594686547	0.076245821	-2.163057166	-1.603638631	1.3481379	1.0088186	0.7795557	0.8314154	5.9506709
2443000000	2.094395102	0.366519143	2.634300074	0.223891659	-2.73551447	-1.997031692	1.3543004	1.0261116	0.743571	0.7945997	5.8419803
2443000000	2.094395102	0.41887902	2.581472176	0.472503529	-2.964550716	-2.339472707	1.3460885	1.0559058	0.710841	0.7638822	5.748683
2443000000	2.094395102	0.471238898	2.46869978	0.787816145	-3.72932572	-2.588976583	1.3287246	1.0949412	0.6855414	0.7422516	5.6919056
2443000000	2.094395102	0.523598776	2.324779763	1.13063354	-3.443246063	-2.712667438	1.3068899	1.1390209	0.6727252	0.7317566	5.6895001
2443000000	2.094395102	0.575958653	2.168885135	1.465688403	-3.399413848	-2.696297221	1.2836556	1.1838166	0.6761286	0.733137	5.7486838
2443000000	2.094395102	0.628318531	2.007280027	1.766461466	-3.147379226	-2.548144038	1.259981	1.2255275	0.6960349	0.7457492	5.8612655
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2443000000	2.094395102	0.733038286	1.648572325	2.208216586	-2.291669487	-1.969948473	1.2090064	1.2894688	0.7680982	0.7970812	6.1577359
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2443000000	2.094395102	1.047197551	0.413231459	2.263756766	-1.142252666	-0.093305622	1.0487249	1.2977404	0.8767734	0.9893153	6.4703097
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2443000000	2.094395102	2									

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2443000000	2.14675498	0.471238898	2.565627138	0.888032481	-3.388695781	-2.774400933	1.3436352	1.1076476	0.6769639	0.7265742	5.6994841
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2443000000	2.14675498	0.628318531	2.143615911	1.766451823	-3.185009144	-2.845857169	1.279914	1.2255262	0.693026	0.7206214	5.8430995
2443000000	2.14675498	0.680678408	1.973556845	1.971532005	-2.765344453	-2.607590542	1.2550986	1.254806	0.7273321	0.7406627	5.9724762
2443000000	2.14675498	0.730382826	1.784960666	2.116316805	-2.284251507	-2.284251507	1.2281404	1.2758977	0.7672991	0.7687541	6.1072237
2443000000	2.14675498	0.785398163	1.576865431	2.2021539	-1.872133074	-1.913994841	1.1990665	1.288569	0.8061082	0.8022325	6.2265487
2443000000	2.14675498	0.837758041	1.354513725	2.234155311	-1.531573906	-1.531573906	1.1687609	1.2933253	0.8382902	0.8383422	6.3167179
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2443000000	2.14675498	1.72787596	-1.96090179	-2.287897459	-3.18797603	-2.365554862	0.7979118	0.7684314	0.6927893	0.7615918	3.5816222
2443000000	2.14675498	1.780235837	-2.421805381	-3.102038799	-3.228020295	-2.87371526	0.7566756	0.6996777	0.6896028	0.7183138	3.119679
2443000000	2.14675498	1.832595715	-2.924298683	-4.027416826	-3.344084299	-3.382290258	0.7141428	0.6289689	0.6804493	0.6774629	2.6099865
2443000000	2.14675498	1.884955592	-3.482921233	-4.988680833	-3.570678237	-3.822101292	0.6696594	0.5630746	0.6629314	0.6440134	2.0749795
2443000000	2.14675498	1.93731547	-4.105919727	-5.832436032	-3.936074798	-4.107147477	0.6233099	0.5109498	0.6356181	0.6323218	1.5865153
2443000000	2.14675498	1.989675347	-4.775419553	-6.361417819	-4.458550976	-4.17406367	0.5770707	0.4807609	0.5985114	0.6184389	1.1181955
2443000000	2.14675498	2.042035225	-5.423082401	-6.471728197	-5.137803109	-4.028881313	0.5356066	0.4746398	0.5534901	0.6288628	0.7987995
2443000000	2.14675498	2.094395102	-5.921951705	-6.264186193	-5.938732424	-3.754253214	0.505711	0.4861728	0.504735	0.6490637	0.6107094
2443000000	2.14675498	2.14675498	-6.138897395	-5.960666549	-6.73636319	-3.468369974	0.4932364	0.503462	0.4590202	0.6707822	0.532711
2443000000	2.14675498	2.199114858	-6.048243405	-5.751756894	-7.426119005	-3.27897					

2443000000	2.199114858	-1.413716694	-2.342982243	-2.199818068	-1.407162601	1.453737929	0.7635736	0.7762634	0.8504365	1.182189	5.0387533
2443000000	2.199114858	-1.361356817	-1.49431233	-1.720887322	-1.066843146	1.6203753	0.8419463	0.8202677	0.8844185	1.205088	5.4640098
2443000000	2.199114858	-1.308996939	-0.68871743	-1.229346077	-0.720898401	1.758072735	0.9237706	0.8680259	0.9203544	1.2243445	5.881595
2443000000	2.199114858	-1.256637061	0.055258564	-0.739364272	-0.383733086	1.87020812	1.0063822	0.9183999	0.9567828	1.2402533	6.2811765
2443000000	2.199114858	-1.204277184	0.709606294	-0.273740888	-0.068821279	1.957262456	1.0851264	0.9689759	0.992108	1.2527463	6.466661
2443000000	2.199114858	-1.151917306	1.243857708	0.14083909	0.213966076	2.017025585	1.1539657	1.0163469	1.0249397	1.2613955	6.9595662
2443000000	2.199114858	-1.099557429	1.631817198	0.477997558	0.455907177	2.045710438	1.2066765	1.0565739	1.0543756	1.2635681	7.2027652
2443000000	2.199114858	-1.047197551	1.855088419	0.714578286	0.669482028	2.039282077	1.2380963	1.0857477	1.0801252	1.2646318	7.3631353
2443000000	2.199114858	-0.994837674	1.903374395	0.832433323	0.94288971	2.094288971	1.2449982	1.1058081	1.1024268	1.2580979	7.4326287
2443000000	2.199114858	-0.942477796	1.772692959	0.819629899	0.998226231	1.907892837	1.2264461	1.098959	1.1217893	1.245646	7.4081159
2443000000	2.199114858	-0.890117919	1.464921362	0.671272735	1.127925267	1.777336943	1.183712	1.0804405	1.1386658	1.227063	7.2907296
2443000000	2.199114858	-0.837758041	0.983809173	0.393706666	1.238105522	1.599477516	1.1199289	1.0463701	1.1532017	1.2021921	7.0854213
2443000000	2.199114858	-0.785398163	0.33734937	0.002991262	1.327871604	1.371028645	1.0396029	1.0003444	1.1651815	1.1709853	6.8011728
2443000000	2.199114858	-0.733038286	-0.463728102	-0.466439185	1.394840378	1.089877076	0.9480115	0.9477156	1.1741998	1.1336888	6.4518603
2443000000	2.199114858	-0.680678408	-1.406549758	-0.960141477	1.437501591	0.757433967	0.8504965	0.8953502	1.1799812	1.0911179	6.0573195
2443000000	2.199114858	-0.628318531	-2.478140114	-1.403485082	1.457418353	0.381680559	0.7517839	0.8507966	1.18269	1.0449224	5.6438128
2443000000	2.199114858	-0.575958653	-3.666445366	-1.712830373	1.460172255	-0.019652509	0.6556586	0.821029	1.183065	0.99774	5.243069
2443000000	2.199114858	-0.523598776	-4.953037884	-1.821024507	1.454317796	-0.416743032	0.56539	0.8108654	1.1822679	0.9531535	4.8896908
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2443000000	2.199114858	-0.41887902	-7.504623452	-1.400184403	1.446188964	-1.026622729	0.4214721	0.85112	1.181162	0.8885234	4.4602949
2443000000	2.199114858	-0.366519143	-8.299682792	-0.97145113	1.443749797	-1.152956631	0.3846058	0.8941851	1.1809153	0.8756936	4.4423582
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2443000000	2.199114858	-0.261799388	-7.525093282	-0.037130154	1.386583328	-0.982835549	0.42048	0.9957344	1.1730842	0.8930139	4.8167547
2443000000	2.199114858	-0.20943951	-6.248338584	0.356822707	1.292544895	-0.75210345	0.4870607	1.0419362	1.1604522	0.9170538	5.1211258
2443000000	2.199114858	-0.157079633	-4.8145375	0.655952983	1.32534294	-0.498640447	0.5744776	1.0844441	1.1392701	0.9442087	5.4284686
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2443000000	2.199114858	-0.052359878	-2.095996753	0.919172348	0.59239668	-0.172779759	0.7855976	1.116258	1.070547	0.9853945	5.9183595
2443000000	2.199114858	-4.44E-16	-0.928698103	0.889170451	0.226407878	-0.076932928	0.8895973	1.1077928	1.0264089	0.9911819	6.072518
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2443000000	2.199114858	0.314159265	2.623870819	0.291837428	-1.2321293872	-1.765699759	1.3526752	1.0341698	0.7654826	0.8160467	5.9516528
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2443000000	2.199114858	0.41887902	2.717928412	0.675806577	-1.349399137	-2.599737013	1.3674027	1.080912	0.6958731	0.7413327	5.768384
2443000000	2.199114858	0.471238898	2.657516709	0.955298133	-3.444641842	-2.915579006	1.3579252	1.1162588	0.6726171	0.7148601	5.7148834
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2443000000	2.199114858	2.094395102									

2443000000	2.251474735	-1.518436449	-4.130405343	-3.444249955	-2.012451106	0.708160631	0.6215552	0.6726475	0.7931904	1.0849458	4.0069915
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2443000000	2.251474735	-0.41887902	-7.612974309	-1.535273313	1.505041321	-1.281014431	0.4162472	0.8379852	1.1891922	0.8628778	3.4665214
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2443000000	2.251474735	-0.261799388	-7.384841835	-0.159758595	1.410452534	-1.068086583	0.4273246	0.9817752	1.1763123	0.842919	2.7852488
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2443000000	2.251474735	-0.157079633	-4.69657215	0.579497954	1.146378557	-0.519351127	0.582333	1.0698961	1.1410874	0.94196	5.4237551
2443000000	2.251474735	-0.104719755	-3.328440925	0.793793253	0.908164183	-0.282231604	0.6816759	1.095695	1.1102179	0.9680291	5.7012797
2443000000	2.251474735	-0.052359878	-2.062175449	0.894286163	0.597623696	-0.126935642	0.7886627	1.1084454	1.0712267	0.9854923	5.9197532
2443000000	2.251474735	-4.44E-16	-0.928698029	0.889170557	0.226407476	-0.07693311	0.8895973	1.1077928	1.0264088	0.9911819	6.0725179
2443000000	2.251474735	0.052359878	0.054367393	0.798796708	-0.186515893	-0.141564733	1.0062789	1.0963263	0.9787555	0.9838339	6.1610268
2443000000	2.251474735	0.104719755	0.877430083	0.655160224	-0.620333293	-0.318566259	1.1062964	1.0783457	0.9310721	0.9639881	6.1919698
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2443000000	2.251474735	0.20943951	2.04154142	0.377923128	-1.496455608	-0.286621051	1.2649608	1.0444704	0.8417386	0.8956925	6.1217687
2443000000	2.251474735	0.261799388	2.398343081	0.329445225	-1.933997727	-1.375510346	1.3180053	1.0386573	0.8003872	0.8535412	6.0365765
2443000000	2.251474735	0.314159265	2.625029126	0.377313863	-2.373020825	-1.824041098	1.3528556	1.0443972	0.7609375	0.8055838	5.9525277
2443000000	2.251474735	0.366519143	2.742157945	0.520921347	-2.801108137	-2.269646315	1.3712224	1.0618082	0.7243435	0.7700478	5.8615513
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2443000000	2.251474735	0.575958653	2.552340218	1.474166624	-3.380191492	-3.272725664	1.3415813	1.1849727	0.6776266	0.6860626	5.778935
2443000000	2.251474735	0.628318531	2.420076132	1.649141425	-3.042508442	-3.18363937	1.3213072	1.2090857	0.7044896	0.6931353	5.862869
2443000000	2.251474735	0.680678408	2.267838567	1.762786517	-2.592161814	-2.959199648	1.2983504	1.2250091	0.741795	0.7121795	5.9696779
2443000000	2.251474735	0.730382826	2.098138113	1.81353918	-2.123778198	-2.635631099	1.2732301	1.232188	0.7830889	0.7832755	6.0785635
2443000000	2.251474735	0.785398163	1.915485004	1.806213821	-1.713335028	-2.257862444	1.2467353	1.2311493	0.8209813	0.7710932	6.1712007
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2443000000	2.251474735	1.466076572	0.134293272	-0.667187096	-3.312404371	-1.923729562	1.0155812	0.9260632	0.6829356	0.8013339	4.6749293
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2443000000	2.251474735	1.832595715	-3.272194983	-4.30460347	-3.748864279	-5.185786168	0.6861045	0.6092139	0.6494665	0.5504409	1.9215973
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2443000000	2.303834613	-0.20943951	-5.931639727	-0.157199298	1.325091896	-0.840457779	0.5051473	1.018263	1.1648087	0.9073965	5.0948649
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2443000000	2.303834613	-4.44E-16	-0.928697978	0.889170721	0.226407666	-0.076932997	0.8985973	1.077928	1.0264088	0.9911819	6.0725181
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2443000000	2.303834613	0.15079633	1.49126205	0.560461165	-1.08054023	-0.620460131	1.1873072	1.0665528	0.883025	0.9310586	6.1671118
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2443000000	2.303834613	0.314159265	2.614325129	0.448909069	-2.404861661	-1.865848212	1.3511895	1.0530441	0.7581531	0.8066917	5.9531877
2443000000	2.303834613	0.366519143	2.755726487	0.580013549	-1.286894871	-2.30960376	1.3733661	1.0690565	0.7228784	0.7665135	5.8712606
2443000000	2.303834613	0.41887902	2.812839862	0.776271541	-3.168754363	-2.70911273	1.3824263	1.0934869	0.6943242	0.7320561	5.8057986
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2443000000	2.303834613	0.730382826	2.255437217	1.629322254	-1.921993696	-2.590195696	1.2964498	1.2054428	0.8014941	0.7421475	6.1190211
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2443000000	2.303834613	0.890117919	1.787086503	1.341630272	-1.043605262	-1.473287077	1.2284411	1.1670208	0.8867879	0.8439868	6.2904989
2443000000	2.303834613	0.942477796	1.654584329	1.177855667	-1.007044454	-1.18454617	1.2098436	1.1452302	0.8905284	0.8725146	6.2733731
2443000000	2.303834613	0.994837674	1.542904048	0.990371729	-1.093306548	-0.972599258	1.1943874	1.1207754	0.8817281	0.8940669	6.2159
2443000000	2.303834613	1.047197551	1.452090345	0.783355221	-0.845064964	-0.72599258	1.1819647	1.094739	0.8627318	0.9072913	6.1207052
2443000000	2.303834613	1.099557429	1.378237531	0.561275547	-1.548085192	-0.803507833	1.1719575	1.0667528	0.83675	0.9116426	5.992549
2443000000	2.303834613	1.151917306	1.313575797	0.32000139	-1.860672505	-0.845498808	1.1632653	1.0387475	0.8071725	0.907246	5.8372106
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2443000000	2.303834613	1.518436449	-0.034749787	-1.262435981	-3.826671305	-3.042411549	0.9960073	0.8647254	0.6436747	0.7044974	4.1065367
2443000000	2.303834613	1.570796327	-0.482101592	-1.582274001	-4.001578315	-3.557380927	0.9460082	0.833463	0.630842	0.6639432	3.734202
2443000000	2.303834613	1.623156204	-0.989481658	-1.978655895	-4.1380677	-4.093766091	0.8923309	0.7962826	0.6210072	0.6241827	3.3280198
2443000000	2.303834613	1.675516082	-1.543719302	-2.469114705	-4.236817237	-4.628828804	0.8371707	0.7525654	0.6139869	0.5868925	2.8934005
2443000000	2.303834613	1.72787596	-2.131722874	-3.06360259	-4.309166212	-5.127769199	0.782373	0.7027808	0.608894	0.5541298	2.4383423
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2443000000	2.303834613	1.832595715	-3.37609742	-4.515462654	-4.482021396	-5.821204057	0.677946	0.5946027	0.5968964	0.5116109	1.5147923
2443000000	2.303834613	1.884955592</									

2443000000	2.35619449	-1.72787596	-6.812961657	-4.709063981	-2.323587902	-0.654701832	0.4564066	0.5814961	0.7652804	0.9273953	2.7044933
2443000000	2.35619449	-1.675516082	-6.183632057	-4.411906617	-2.197219709	-0.448356072	0.4907026	0.6017342	0.7764956	0.9496907	2.9801404
2443000000	2.35619449	-1.623156204	-5.501325327	-4.103029286	-2.034521104	-0.285296222	0.5308034	0.6235173	0.7911775	0.9676876	3.2667642
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2443000000	2.35619449	-1.413716694	-2.61202056	-2.69991883	-0.821048671	0.097716236	0.740285	0.7328314	0.9098034	1.0113135	4.594234
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2443000000	2.35619449	-1.308996939	-1.241635461	-1.801562294	-0.009856985	0.267237486	0.8667987	0.8126843	0.9988658	1.031245	5.3659273
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2443000000	2.35619449	-1.204277184	-0.129218349	-0.837780412	0.713378089	0.424983384	0.9852333	0.9080525	1.0855977	1.0501448	6.0834064
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2443000000	2.35619449	-1.095557429	0.545562662	-0.015100988	1.243278428	0.466588806	1.0648247	0.9982629	1.1538887	1.055187	6.5923572
2443000000	2.35619449	-1.047197551	0.685389856	0.272819993	1.436015256	0.415378574	1.0821052	1.031908	1.1797793	1.0489842	6.7347501
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2443000000	2.35619449	-0.942477796	0.551787587	0.498563954	1.718746879	0.164123994	1.0655881	1.0590786	1.2188137	1.0190751	6.7742196
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2443000000	2.35619449	-0.680678408	-2.147807638	-1.012964023	1.954931351	-0.961023258	0.7809255	0.8899217	1.2525543	0.8952593	5.6176218
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2443000000	2.35619449	-0.575958653	-4.193570509	-1.817574406	1.824925758	-1.461015516	0.6170516	0.8111876	1.2338043	0.84518	4.8786689
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2443000000	2.35619449	-0.314159265	-7.956671685	-0.881980584	1.506260268	-1.542177766	0.400009	0.9034434	1.1893591	0.8373193	4.2488584
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2443000000	2.35619449	-4.44E-16	-0.928697889	0.889170863	0.22640751	-0.076932858	0.8958973	1.1077928	1.0264088	0.9911819	6.0725181
2443000000	2.35619449	0.052359878	-0.001095638	0.845623011	-0.196540561	-0.152756153	0.9998739	1.1082256	0.9776265	0.982567	6.1548829
2443000000	2.35619449	0.104719755	0.788548192	0.742880509	-0.643438523	-0.345940012	1.0950335	1.0929213	0.9285987	0.9609549	6.1795613
2443000000	2.35619449	0.157079633	1.43683094	0.619256918	-1.097194279	-0.641377846	1.1798901	1.0738975	0.8813335	0.928819	6.1538346
2443000000	2.35619449	0.20943951	1.946556414	0.516826476	-1.547585861	-0.106681771	1.2512031	1.0613077	0.8367981	0.8895409	6.1045544
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2443000000	2.35619449	0.366519143	2.752945406	0.612841674	-2.806756861	-2.32251014	1.3729264	1.0742179	0.7238762	0.7653754	5.8813677
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2443000000	2.35619449	0.785398163	2.262491357	1.335278694	-3.172562384	-2.010382291	1.2975514	1.1661756	0.8672088	0.7933753	6.2864638
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2443000000	2.35619449	1.151917306	1.688207088	-0.024454529	-1.591976587	-0.909234378	1.2145359	0.9971885	0.8325325	0.9006131	5.900054
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2443000000	2.35619449	1.256637061	1.508926918	-0.459845207	-1.345290851	-1.345290851	1.1897243	0.9484354	0.7631812	0.856516	5.4782047
2443000000	2.35619449	1.308996939	1.358189551	-0.658543125	-2.726325998	-1.665295028	1.1692557	0.9269853	0.7306068	0.8255345	5.2309246
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2443000000	2.408554368	-0.41887902	-7.755218191	-1.836451956	1.627379661	-2.147191446	0.409486	0.8094265	1.2066002	0.7814666	4.099806
2443000000	2.408554368	-0.366519143	-8.137576678	-1.464197319	1.627379661	-2.147191446	0.3918512	0.8448705	1.19795	0.7976829	4.1697798
2443000000	2.408554368	-0.314159265	-7.738440872	-0.992703596	1.517687961	-1.674071923	0.4102777	0.8919999	1.190925	0.8247008	4.3966749
2443000000	2.408554368	-0.261799388	-6.759395669	-0.494882782	1.50240448	-1.309878985	0.45923	0.9446172	1.181713	0.860015	4.7246349
2443000000	2.408554368	-0.20943951	-5.532284852	-0.031069464	1.340964399	-0.923502644	0.5289148	0.9964294	1.1669392	0.8991349	5.08472
2443000000	2.408554368	-0.150797963	-4.269550663	0.356471058	1.169515723	-0.569332155	0.6116774	1.041894	1.1441311	0.9365552	5.423486
2443000000	2.408554368	-0.104719755	-3.061580649	0.640309997	0.924924169	-0.292237663	0.7029444	1.076842	1.123622	0.9669146	5.7090379
2443000000	2.408554368	-0.052359878	-1.942376507	0.819265768	0.607163347	-0.122772708	0.7996154	1.0989129	1.0724034	0.9859647	5.9264938
2443000000	2.408554368	-4.44E-16	-0.928697731	0.889170663	0.226407399	-0.076932878	0.8985973	1.1077928	1.0264089	0.9911819	6.0725182
2443000000	2.408554368	0.052359878	-0.032828759	0.868955721	-0.199771584	-0.157813811	0.9962267	1.1052176	0.9772629	0.9819951	6.151425
2443000000	2.408554368	0.104719755	0.736290488	0.785090977	-0.650936917	-0.357572044	1.0884651	1.094701	0.9277967	0.9596688	6.1726362
2443000000	2.408554368	0.170796313	1.374605362	0.676169832	-1.108892066	-0.659163251	1.1714766	1.0809572	0.8801474	0.9269191	6.1488322
2443000000	2.408554368	0.20943951	1.88385765	0.579758382	-1.56077938	-1.037921335	1.2422039	1.0690251	0.835528	0.8873683	6.094388
2443000000	2.408554368	0.261799388	2.271339902	0.532230925	-1.997715819	-1.463152321	1.2988739	1.0639196	0.7945372	0.8449721	6.0240189
2443000000	2.408554368	0.314159265	2.548809832	0.5549072	-2.407893582	-1.899768758	1.3410362	1.0659709	0.7578885	0.8035475	5.9518035
2443000000	2.408554368	0.366519143	2.730889722	0.68427718	-2.76687072	-2.309838146	1.3694447	1.0775102	0.7272043	0.7664928	5.8907618
2443000000	2.408554368	0.41887902	2.833236744	0.793738315	-3.031368474	-2.654213643	1.3856765	1.095688	0.7053937	0.7366977	5.8527756
2443000000	2.408554368	0.471238898	2.870854996	0.95994294	-3.145523176	-2.895247971	1.3916908	1.1168559	0.6961837	0.7165353	5.8479255
2443000000	2.408554368	0.523598776	2.857025779	1.114309603	-3.064538482	-3.002165225	1.3894768	1.1368822	0.7027028	0.7077693	5.8823359
2443000000	2.408554368	0.575958653	2.803199315	1.229974526	-2.784542175	-2.959163852	1.3809828	1.1552127	0.7257263	0.711282	5.9552623
2443000000	2.408554368	0.628318531	2.719795526	1.289791594	-2.352388482	-2.772689621	1.3676966	1.1600044	0.7627471	0.7267173	6.0579675
2443000000	2.408554368	0.680678408	2.617330732	1.286987728	-1.846212666	-2.472347349	1.3516571	1.15971	0.8085174	0.7522854	6.1759178
2443000000	2.408554368	0.733038286	2.507007481	1.223785855	-1.345144833	-2.10353564	1.3345977	1.1513021	0.8565304	0.7849161	6.2928181
2443000000	2.408554368	0.785398163	2.400142856	1.10882491	-0.910366225	-1.715950352	1.3182784	1.1361646	0.9004958	0.8207341	6.3393925
2443000000	2.408554368	0.8375758041	2.306449098	0.953939852	-0.580702053	-1.353887406	1.3041347	1.1160843	0.9353301	0.8556687	6.467554
2443000000	2.408554368	0.890117919	2.231918782	0.770980635	-0.375825543	-1.051173578	1.2929923	1.092821	0.9576542	0.880155	6.5051458
2443000000	2.408554368	0.942477796	2.177380061	0.569537323	-0.301054673	-0.8301233	1.248489	1.0677679	0.9659336	0.8980534	6.5009778
2443000000	2.408554368	0.994837674	2.138366699	0.356319568	-0.351292741	-0.702720125	1.2791408	1.0418759	0.9603629	0.9222826	6.451956
2443000000	2.408554368	1.047197551	2.106155728	0.136198262	-0.513829462	-0.672586285	1.2744059	1.015804	0.942559	0.9254878	6.3576259
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2443000000	2.408554368	1.151917306	2.014747405	-0.304173569	-1.099603922	-0.888807178	1.2610647	0.9655868	0.881089	0.9027337	6.0433147
2443000000	2.408554368	1.204277184	1.929223653	-0.511714708	-1.478552396	-1.117824375	1.2487088	0.9427885	0.8434753	0.8794227	5.8322944
2443000000	2.408554368	1.256637061	1.799670172	-0.703560387	-1.886352813	-1.412162015	1.2302221	0.9221933	0.8047896	0.8499471	5.5914047
2443000000	2.408554368	1.308996939	1.614344379	-0.879377541	-2.306488632	-1.758860145	1.2042516	0.9037142	0.7667885	0.8166895	5.3323253
2443000000	2.408554368	1.361356817	1.363755931	-1.045719375	-2.728820355	-2.14408823	1.1700052	0.886572	0.730397	0.87126	5.0284672
2443000000	2.408554368	1.413716694	1.041559869	-1.216217659	-3.149806983	-2.55289318	1.1273999	0.8693389	0.6958404	0.7453416	4.7053174
2443000000	2.408554368	1.466076572	0.645208906	-1.409842786	-3.570505618	-2.968781439	1.077111	0.8501741	0.6629408	0.7104948	4.3515755
2443000000	2.408554368	1.518436449	0.176320298	-1.648218558	-3.992672774	-3.373545339	1.0205071	0.8271591	0.6314898	0.6781453	3.9657206
2443000000	2.408554368	1.570796327	-0.359177734	-1.952920234	-4.41435816	-3.747842871	0.9594915	0.7986454	0.6015798	0.6495429	3.548593
2443000000	2.408554368	1.623156204	-0.951166855	-2.342963833	-4.825367883	-4.072967177	0.8962758	0.7635752	0.5737618	0.6256791	3.1045697
2443000000	2.408554368	1.675516082	-1.58596								

2443000000	2.460914245	-1.93731547	-6.878380483	-4.53055689	-2.386453945	-1.886907286	0.452982	0.5935703	0.7597615	0.8047382	2.3157108
2443000000	2.460914245	-1.884955592	-6.556705673	-4.324307201	-2.041783423	-1.636663972	0.4700724	0.6078335	0.7905163	0.8282602	2.5959961
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2443000000	2.460914245	-1.722787596	-5.369739471	-3.790577558	-1.493317467	-1.067087636	0.538906	0.6330983	0.8420427	0.8843937	3.2226883
2443000000	2.460914245	-1.675516082	-4.919630269	-3.86254135	-1.353050813	-0.959046863	0.5675688	0.641022	0.8557555	0.895465	3.4046747
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2443000000	2.460914245	-1.466076572	-2.853704707	-3.078295113	-0.306380036	-0.708983824	0.7199706	0.701593	0.9653415	0.9216177	4.3720829
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2443000000	2.460914245	-1.361356817	-1.732954992	-2.341091221	0.50012427	-0.537745611	0.8191289	0.7637398	1.0592711	0.9399672	5.0621712
2443000000	2.460914245	-1.308996939	-1.211516951	-1.891694693	0.90186437	-0.43727947	0.8698095	0.8042948	1.1094129	0.9590926	5.4238629
2443000000	2.460914245	-1.256637061	-0.748233108	-1.414750937	1.2695575	-0.346410851	0.9174625	0.8496938	1.1573851	0.9609028	5.7682137
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2443000000	2.460914245	-0.733038286	-1.765297311	-0.549835016	2.396710041	-2.095643895	0.8160845	0.9386599	1.3177575	0.7856295	5.7069405
2443000000	2.460914245	-0.680678408	-2.535323656	-0.998566879	2.303262637	-2.316525166	0.74685	0.891398	1.3036564	0.7569029	5.3617432
2443000000	2.460914245	-0.628318531	-3.456149809	-1.44409297	2.174456074	-2.484545301	0.6717265	0.8468283	1.2844666	0.7512297	4.9943621
2443000000	2.460914245	-0.575958653	-4.52574878	-1.817881561	2.024885918	-2.593140794	0.593899	0.8111589	1.2625375	0.7418959	4.6331917
2443000000	2.460914245	-0.523598776	-5.703545806	-2.048533225	1.875012787	-2.631051778	0.5158583	0.7899022	1.2409396	0.7386648	4.318287
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2443000000	2.460914245	-0.41887902	-7.722098533	-1.907677179	1.646687676	-2.425226064	0.4110504	0.8028162	1.2087441	0.7563777	4.025179
2443000000	2.460914245	-0.366519143	-7.95963193	-1.556686509	1.5727847475	-2.158166518	0.3996617	0.8395218	1.1992021	0.7799947	4.1232367
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2443000000	2.460914245	-0.20943951	-5.304113827	-0.120590874	1.342350060	-0.95575201	0.5429931	0.9862124	1.1671254	0.8950804	5.0864441
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2443000000	2.460914245	-4.44E-16	-0.928697896	0.88917051	0.6226407559	-0.076932733	0.8985973	1.1077928	1.0264088	0.9911819	6.0725181
2443000000	2.460914245	0.052359878	-0.067181938	0.892165794	-0.201789117	-0.162481467	0.9922952	1.1081749	0.977036	0.9814675	6.1747245
2443000000	2.460914245	0.104719755	0.678727848	0.82832773	-0.655653049	-0.367763276	1.0812756	1.10006	0.9272938	0.9585435	6.1652528
2443000000	2.460914245	0.157079633	1.304265648	1.731286716	-1.115493428	-0.673774493	1.1620191	1.0878388	0.8794787	0.9253612	6.1385688
2443000000	2.460914245	0.20943951	1.81004959	0.638810184	-1.56545579	-0.134412248	1.2316925	1.0773178	0.8350783	0.8857872	6.0830776
2443000000	2.460914245	0.261799388	2.201941503	0.585174437	-1.992378852	-1.472893216	1.2885375	1.0669199	0.7950255	0.8440251	6.0146916
2443000000	2.460914245	0.314159265	2.490004607	0.592027882	-2.380063752	-1.893612845	1.3319877	1.0705363	0.7603207	0.8041172	5.9485608
2443000000	2.460914245	0.366519143	2.686856401	0.661946933	-2.701489295	-2.27454395	1.3625198	1.0971886	0.7326989	0.7696137	5.8981845
2443000000	2.460914245	0.41887902	2.805981841	0.778682958	-2.914997194	-2.575317517	1.3813352	1.0793005	0.714908	0.7434198	5.8748805
2443000000	2.460914245	0.471238898	2.860389904	0.914051468	-2.972032478	-2.760524757	1.390015	1.1109706	0.710229	0.7277358	5.8870104
2443000000	2.460914245	0.523598776	2.862056134	1.037384437	-2.805773853	-2.63773853	1.3902817	1.1268581	0.7212106	0.7273946	5.9383581
2443000000	2.460914245	0.575958653	2.822280774	1.123198376	-2.519571211	-2.704525603	1.3839297	1.1380463	0.7482064	0.7324428	6.0262987
2443000000	2.460914245	0.628318531	2.752634924	1.155284742	-2.062059326	-2.472243813	1.3728774	1.1422581	0.7886731	0.7522944	6.1415794
2443000000	2.460914245	0.680678408	2.665740199	1.127609591	-1.028442376	-2.144200969	1.3592114	1.1386244	0.8376795	0.7812499	6.2705219
2443000000	2.460914245	0.733038286	2.575075608	1.043071614	-1.520405121	-1.767090588	1.3450975	1.1275961	0.8891596	0.815916	6.3982893
2443000000	2.460914245	0.785398163	2.49341903	0.910933011	-0.563657059	-1.38870486	1.3235115	1.1085718	0.9371673	0.8522456	6.5113316
2443000000	2.460914245	0.837758041	2.430318807	0.743551299	-0.20432347	-1.050103952	1.3228663	1.0993754	0.9767509	0.8861246	6.5983606
2443000000	2.460914245	0.890117919	2.389715706	0.553110372	0.038368466	-0.781843147	1.3166968	1.0657504	1.0044271	0.9139193	6.6503722
2443000000	2.460914245	0.942477796	2.368900223	0.349317798	0.157933353	-0.603390471	1.3135452	1.0410363	1.0183491	0.9328901	6.6605188
2443000000	2.460914245	0.994837674	2.359245441	0.138799064	0.157071109	-0.524200991	1.3120859	1.0611082	1.018248	0.9414342	6.6224249
2443000000	2.460914245	1.047197551	2.348174725	-0.073786318	0.450307395	-0.54533763	1.3104146	0.991541	1.0052042	0.939146	6.5396255
2443000000	2.460914245	1.099557429	2.32135568	-0.283884956	-0.164002578	-0.661095323	1.3063748	0.9678499	0.9812956	0.926713	6.4075547
2443000000	2.460914245	1.151917306	2.264410516	-0.485884878	-0.453047395	-0.860476425	1.2978381	0.9455963	0.9491779	0.9056829	6.2314649
2443000000	2.460914245	1.204277184	2.164003703	-0.673729054	-0.803418408	-1.12849304	1.2892128	0.925366	0.911652	0.8781634	6.0164802
2443000000	2.460914245	1.256637061	2.008541663	-0.84334631	-1.196920082	-1.447294708	1.260164	0.9074709	0.8712724	0.8456162	5.7681673
2443000000	2.460914245	1.308996939	1.788712447	-0.995748039	-1.617797904	-1.797117572	1.228671	0.8916783	0.8300439	0.8130019	5.4912444
2443000000	2.460914245	1.361356817	1.497928334	-1.139127689	-2.055716258	-2.157097299	1.1882188	0.8770889	0.7892493	0.7800908	5.1886466
2443000000	2.460914245	1.413716694	1.132637621	-1.288832796	-2.505175025	-2.506122183	1.1392837	0.8621014	0.7494476	0.7493658	4.8612536
2443000000	2.460914245	1.466076572	0.692499954	-1.465343895	-2.966806125	-2.824035645	1.0829914	0.844759	0.7106564	0.7224341	4.508359
2443000000	2.460914245	1.518436449	0.180564529	-1.691317281	-3.343748148	-3.09345511	1.0210058	0.823065	0.6726863	0.7003695	4.1287634
2443000000	2.460914245	1.570									

2443000000	2.513274123	-2.042035225	-6.399231514	-5.231654542	-3.48211465	-2.440710449	0.4786724	0.5475418	0.6697215	0.7550305	1.7661467
2443000000	2.513274123	-1.989675347	-6.203255509	-4.739186531	-2.778066705	-2.224151251	0.4895953	0.579483	0.7262676	0.7740917	2.1761615
2443000000	2.513274123	-1.93731547	-5.938075886	-4.404893427	-2.235066607	-1.994593186	0.5047731	0.6022202	0.7731196	0.7948228	2.5256671
2443000000	2.513274123	-1.884955592	-5.628514087	-4.189740963	-1.830732525	-1.771458795	0.5230874	0.6173237	0.8099596	0.8155058	2.8160561
2443000000	2.513274123	-1.832595715	-5.290749354	-4.059559334	-1.535338378	-1.572971972	0.5438292	0.6266547	0.8379789	0.834356	3.0543561
2443000000	2.513274123	-1.780235837	-4.934296896	-3.983885105	-1.314726354	-1.410113701	0.5666112	0.632129	0.8595352	0.8501476	3.2525516
2443000000	2.513274123	-1.72787596	-4.564329103	-3.935035788	-1.132732649	-1.284587858	0.5912669	0.6356941	0.8777349	0.8625228	3.4263914
2443000000	2.513274123	-1.675516082	-4.181675325	-3.887306794	-0.95410166	-1.190007786	0.6178972	0.6391969	0.895973	0.8719661	3.5940003
2443000000	2.513274123	-1.623156204	-3.782793094	-3.816408327	-0.748266806	-1.114789949	0.6469345	0.6444357	0.917459	0.8795499	3.7740124
2443000000	2.513274123	-1.570796327	-3.362074547	-3.699638591	-0.493660679	-1.045516615	0.6790414	0.6531577	0.9447501	0.8865927	3.9828723
2443000000	2.513274123	-1.518436449	-2.916167579	-3.517377715	-0.181410997	-0.97008031	0.7148116	0.6670081	0.9793309	0.8943263	4.2316925
2443000000	2.513274123	-1.466076572	-2.448054982	-3.256004648	0.183183037	-0.880405078	0.7543923	0.6873846	1.0213137	0.9036073	4.523483
2443000000	2.513274123	-1.413716694	-1.96882174	-2.911405022	0.582516257	-0.774642724	0.7971846	0.7152037	1.0693646	0.9146772	4.8518972
2443000000	2.513274123	-1.361356817	-1.496597081	-2.491396784	0.991521937	-0.658530412	0.8417248	0.7506373	1.1209238	0.9269866	5.2020783
2443000000	2.513274123	-1.308996939	-1.053505729	-2.015597758	1.38375632	-0.545296482	0.8857776	0.7929031	1.1727024	0.9391505	5.5534071
2443000000	2.513274123	-1.256637061	-0.661959012	-1.512519515	1.73673647	-0.453765718	0.9266208	0.8401833	1.2213446	0.9490994	5.8832557
2443000000	2.513274123	-1.204277184	-0.341462992	-1.015085624	2.035541955	-0.405001769	0.9614503	0.8897044	1.2640874	0.9544428	6.1706157
2443000000	2.513274123	-1.151917306	-0.106701646	-0.556200616	2.273819094	-0.418429821	0.9877907	0.9379722	1.2992447	0.9529684	6.3987189
2443000000	2.513274123	-1.099557429	0.032853178	-0.165453447	2.4533722	-0.508374516	1.0037895	0.9811317	1.326382	0.9431511	6.5562774
2443000000	2.513274123	-1.047197551	0.072017673	0.132812301	2.581666305	-0.681483656	1.0083258	1.0154081	1.3461186	0.9245402	6.6374352
2443000000	2.513274123	-0.994837674	0.008209835	0.320413625	2.668299356	-0.935058435	1.0009456	1.0375778	1.3596119	0.8979395	6.640837
2443000000	2.513274123	-0.942477796	-0.160379039	0.385735561	2.721109114	-1.256233708	0.9817051	1.0454013	1.3679035	0.8653431	6.56833
2443000000	2.513274123	-0.890117919	-0.436308727	0.324104912	2.744269287	-1.622220648	0.9510089	1.0380189	1.3713979	0.8296386	6.4238136
2443000000	2.513274123	-0.837758041	-0.823998828	0.138492044	2.732658222	-2.002273315	0.9094945	1.0160723	1.3697184	0.7941204	6.2126306
2443000000	2.513274123	-0.785398163	-1.33046055	-0.159220173	2.683715692	-2.362053175	0.8579796	0.9818361	1.3620272	0.7618989	5.9415072
2443000000	2.513274123	-0.73038286	-1.965475963	-0.54627156	2.591707313	-2.670059932	0.7974916	0.939045	1.3476756	0.7353549	5.619683
2443000000	2.513274123	-0.680678408	-2.740250801	-0.986604409	2.56782777	-2.903688421	0.7294364	0.8926265	1.3269029	0.7158394	5.260418
2443000000	2.513274123	-0.628318531	-3.66213442	-1.429040119	2.87354949	-3.051252128	0.655984	0.8482971	1.301271	0.7037808	4.883891
2443000000	2.513274123	-0.575958653	-4.72085213	-1.808745857	2.100691394	-3.18232394	0.5807074	0.8120125	1.2736045	0.699179	4.5204006
2443000000	2.513274123	-0.523598776	5.858713133	-2.056202658	1.919839223	-3.070608922	0.5094063	0.7892051	1.2473604	0.7022141	4.2122177
2443000000	2.513274123	-0.471238898	6.921763716	-2.115928373	1.766741521	-2.931286152	0.4507252	0.7387397	1.2256761	0.7135685	4.0106018
2443000000	2.513274123	-0.41887902	7.633202885	-1.968350811	1.653634174	-2.684071087	0.4152789	0.7972278	1.2097112	0.7341697	3.9632068
2443000000	2.513274123	-0.366519143	-7.716637646	-1.639503764	1.577011985	-2.333617396	0.4113089	0.8279885	1.1990867	0.7643973	4.0989487
2443000000	2.513274123	-0.314159265	-7.151433569	-1.18978016	1.517893641	-1.903656455	0.4389634	0.871989	1.1909532	0.8018179	4.363075
2443000000	2.513274123	-0.261799388	-6.180333652	-0.609951159	1.448178405	-1.436158904	0.4908889	0.9235331	1.1814325	0.8476022	4.7192927
2443000000	2.513274123	-0.20943951	-5.059072112	-0.206999338	1.3392614	-0.981742491	0.5585299	0.9764501	1.1667104	0.8931263	5.0929349
2443000000	2.513274123	-0.157079633	-3.930844803	0.214758073	1.169009139	-0.588133404	0.6360009	1.0250331	1.1440644	0.9345302	5.4359696
2443000000	2.513274123	-0.104719755	-2.853510103	0.54484609	0.925539892	-0.292465778	0.7199867	1.0647369	1.112441	0.9668892	5.7202635
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2443000000	2.513274123	0.052359878	-0.104110317	0.151203386	-0.202581085	-0.166740721	0.9880854	1.111118	0.9769469	0.9809863	6.1439727
2443000000	2.513274123	0.104719755	0.615811123	0.870105684	-0.657515802	-0.376481428	1.0734716	1.1053369	0.9270945	0.9575819	6.1574309
2443000000	2.513274123	0.157079633	1.225523176	0.784728569	-1.116915487	-0.685215619	1.1515324	1.0945521	0.879347	0.9241431	6.1275617
2443000000	2.513274123	0.20943951	1.724455815	0.694424987	-1.561584605	-0.332329651	1.2196151	1.0832314	0.8354506	0.8847764	6.0705594
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2443000000	2.513274123	0.314159265	2.41143383	0.620630753	-2.33410991	-1.874210652	1.3199932	1.0740674	0.7643539	0.8095154	5.942796
2443000000	2.513274123	0.366519143	2.618418302	0.664740216	-2.61359393	-2.22068043	1.3518264	1.0795357	0.740151	0.7744011	5.9023258
2443000000	2.513274123	0.41887902	2.749395728	0.751996424	-2.774447203	-2.472459976	1.3723655	1.0904351	0.7265703	0.7522756	5.8929536
2443000000	2.513274123	0.471238898	2.815624124	0.857660826	-2.777061063	-2.598148056	1.3828695	1.1037813	0.7263517	0.7414683	5.9211677
2443000000	2.513274123	0.523598776	2.828053851	0.95357018	-2.598371766	-2.581798549	1.3848499	1.1160368	0.7414504	0.7428653	5.9884077
2443000000	2.513274123	0.575958653	2.798044592	1.015750455	-2.248933085	-2.427322819	1.3800735	1.1240549	0.7718863	0.7561951	6.0902626
2443000000	2.513274123	0.628318531	2.738368674	1.028803515	-1.77444418	-2.085751397	1.3706243	1.1257454	0.8152256	0.7799422	6.2171308
2443000000	2.513274123	0.680678408	2.6636278	0.987124821	-1.239635352	-1.815288982	1.3588809	1.1203565	0.8669983	0.811401	6.3563308
2443000000	2.513274123	0.73038286	2.589302229	0.893828975	-0.70243878	-1.442921299	1.3473025	1.1038371	0.9216962	0.8469425	6.4945533
2443000000	2.513274123	0.785398163	2.529257325	0.758219457	-2.203583257	-1.086042823	1.3380208	1.0972166	0.9738024	0.8824658	6.6194414
2443000000	2.513274123	0.837758041	2.492493305	0.592474109	0.159665365	-0.78170334	1.3323694	1.0701513	0.10185521	0.913934	6.7200775
2443000000	2.513274123	0.890117919	2.480632517	0.408359636	0.443495221	-0.556993606	1.3305513	1.0481368	1.0523853	0.9378866	6.7869614
2443000000	2.513274123	0.942477796	2.487421505	0.214965935	0.613150813	-0.428694246	1.3315917	1.0295077	1.0731429	0.9518429	6.8121243
2443000000	2.513274123	0.994837674	2.500407327	0.018211528	0.669022521	-0.404042155	1.333584	1.0020989	1.0800681	0.9545483	6.8786235
2443000000	2.513274123	1.047197551	2.503780293	0.177937272	0.617295274	-0.481821554	1.3341019	0.9797226	1.073655	0.9460387	6.7162129
2443000000	2.513274123	1.099557429	2.48109809	0.369546058	0.468263475	-0.653429935	1.3306226	0.9583466	1.0553905	0.9275311	6.5918305
2443000000	2.513274123	1.151917306	2.417176184	-0.551559776	0.235052774	-0.90383625	1.3208661	0.9384735	1.0274309	0.901173	6.4194166
2443000000	2.513274123	1.204277184	2.299099895	-0.718472341	-0.067526013	-1.212550154	1.3030317	0.9206115	0.9922559	0.8697061	6.204528
2443000000	2.513274123	1.256637061	2.116701575	-0.866825639	-0.424249976	-1.554762859	1.2795542	0.9050211	0.9523301	0.836107	5.9539245
2443000000	2.513274123	1.308996939	1.862759736	-0.998359571	-0.821061329	-1.902893068	1.2391902	0.8914193	0.9098021	0.8032585	5.6743223
2443000000	2.513274123	1.361356817	1.533037268	-1.12212236	-1.246866366	-0.8662768	1.1930314	0.8788078	0.8662768	0.77368	5.371082
2443000000	2.513274123	1.413716694	1.126194504	-1.254391452	-1.695062495	-2.506604793	1.1384389	0.8655266	0.8227102	0.7493242	5.4073501
2443000000	2.513274123	1.4660765									

2443000000	2.565634	-2.14675498	-5.845616262	-7.259535692	-5.540185861	-2.896019253	0.510175	0.4335341	0.5284339	0.7164717	0.7827864
2443000000	2.565634	-2.094395102	-5.83919496	-6.243045278	-4.514585939	-2.736379136	0.5105523	0.4873576	0.5946627	0.7279717	1.2978947
2443000000	2.565634	-2.042035225	-5.729746963	-5.480115263	-3.607697131	-2.555764104	0.5170263	0.5321012	0.6601082	0.7450953	1.7780627
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2443000000	2.565634	-1.832595715	-4.619969756	-4.158771344	-1.407094145	-1.749837741	0.5874914	0.6195287	0.8050432	0.8175383	3.1521618
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2443000000	2.565634	-1.72787596	-3.928960024	-4.07494462	-0.875788033	-1.461994338	0.636139	0.6255367	0.9040782	0.8450848	3.5531496
2443000000	2.565634	-1.675516082	-3.57754935	-4.069055203	-0.640820904	-1.349330519	0.6620434	0.6259609	0.9288786	0.8561177	3.7316705
2443000000	2.565634	-1.623156204	-3.219945309	-4.042572029	-0.386033541	-1.243841924	0.6902442	0.6278624	0.9565294	0.8665785	3.9213795
2443000000	2.565634	-1.570796327	-2.850450757	-3.961816286	-0.091566714	-1.135167251	0.7202404	0.6337372	0.9895134	0.8774889	4.1391602
2443000000	2.565634	-1.518436449	-2.464451316	-3.797842	0.25009412	-1.016276227	0.7529696	0.6458147	1.0292117	0.8895824	4.3958238
2443000000	2.565634	-1.466076572	-2.062455537	-3.532523147	0.632956518	-0.885188208	0.7886371	0.6658461	1.0755927	0.9031099	4.6933461
2443000000	2.565634	-1.413716694	-1.652304582	-3.163654515	1.039724156	-0.745806795	0.8267701	0.694732	1.1271617	0.9177189	5.0239587
2443000000	2.565634	-1.361356817	-1.248760606	-2.706195779	1.446683737	-0.607942812	0.8668079	0.732302	1.1812292	0.9324013	5.3176072
2443000000	2.565634	-1.308996939	-0.871033111	-2.188790945	1.829487367	-0.486421599	0.9045828	0.7772495	1.234525	0.9455379	5.7152466
2443000000	2.565634	-1.256637061	-0.53947161	-1.647448059	2.168035382	-0.399248597	0.9379805	0.8272325	1.2835174	0.9550752	6.0327639
2443000000	2.565634	-1.204727184	-0.272599325	-1.119286694	2.494467839	-0.365100074	0.9691032	0.8790427	1.3257859	0.9588375	6.3043326
2443000000	2.565634	-1.151917306	-0.085195419	-0.638167864	2.669091071	-0.400665238	0.9902395	0.9291624	1.3597359	0.9549194	6.5145344
2443000000	2.565634	-1.099557429	0.01234301	-0.232455651	2.829464034	-0.518287595	1.0014221	0.9735925	1.3850747	0.9420753	6.6531405
2443000000	2.565634	-1.047197551	0.013543665	0.075747641	2.93795257	-0.724058263	1.0015605	1.0087589	1.4024831	0.9200196	6.7148172
2443000000	2.565634	-0.994837674	-0.085320435	0.270650355	3.037579596	-1.016243958	0.9902252	1.0316503	1.4130704	0.8895857	6.6981817
2443000000	2.565634	-0.942477796	-0.286700877	0.324688915	3.031958349	-1.383890255	0.9675311	1.0402421	1.4177443	0.8527181	6.6046943
2443000000	2.565634	-0.901917919	-0.59324604	0.288665324	3.025937531	-1.80572813	0.9339803	1.0337922	1.4167619	0.8122947	6.4378257
2443000000	2.565634	-0.837758041	-1.009093727	0.112316127	2.982420832	-2.250137266	0.8903183	1.0130148	1.4096816	0.7717793	6.2028035
2443000000	2.565634	-0.785398163	-1.540759332	-0.174528582	2.896213672	-2.677560813	0.8374561	0.9801072	1.3957598	0.7347202	5.907038
2443000000	2.565634	-0.733038286	-2.197043188	-0.550137059	2.763710254	-3.046494048	0.7765114	0.9386222	1.374629	0.7041664	5.5611957
2443000000	2.565634	-0.680678408	-2.986625503	-0.980589426	2.587141352	-3.322012746	0.7093067	0.8932449	1.3466973	0.6821806	5.1809525
2443000000	2.565634	-0.628318531	-3.910791997	-1.417871448	2.377558365	-3.482493312	0.637471	0.8493886	1.3148552	0.6669623	4.7895109
2443000000	2.565634	-0.575958653	-4.946831123	-2.400621784	2.155128102	-3.519862213	0.5657941	0.8127723	1.2816115	0.6668173	4.4204439
2443000000	2.565634	-0.523598776	-6.016673838	-2.061404868	1.945506727	-3.433818908	0.5002261	0.7887325	1.2510519	0.6734557	4.118875
2443000000	2.565634	-0.471238898	-6.946811712	-2.143322159	1.677203859	-3.226487242	0.4494273	0.7813289	1.226338	0.6897245	3.9368344
2443000000	2.565634	-0.41887902	-7.476123879	-2.021346194	1.442375896	-2.903636764	0.4228573	0.7923785	1.2088399	0.7158436	3.9177699
2443000000	2.565634	-0.366519143	-7.406661039	-1.714438809	1.565805711	-2.481607106	0.4262525	0.8208769	1.1975469	0.7514838	4.0719709
2443000000	2.565634	-0.314159265	-6.788018358	-1.277820492	1.506021188	-1.992616564	0.4577791	0.8631951	1.1893524	0.7950037	4.36354
2443000000	2.565634	-0.261799388	-5.849733557	-0.78151094	1.438153641	-1.482281959	0.5099332	0.9139542	1.1800698	0.8431132	4.7284033
2443000000	2.565634	-0.20943951	-4.799160082	-0.290349456	1.331648425	-1.000553277	0.5754956	0.9671248	1.1656883	0.8911942	5.1042505
2443000000	2.565634	-0.157079633	-3.748040496	0.146331693	1.163875024	-0.592078268	0.6495278	1.0169898	1.1433883	0.9341058	5.4461441
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2443000000	2.565634	-4.44E-16	-0.928698159	0.889170592	0.226407499	-0.07693303	0.8985973	1.1077928	1.0264088	0.9911819	6.0725179
2443000000	2.565634	0.052359878	-0.143560934	0.938019565	-0.202140069	-0.170575935	0.9836078	1.1140405	0.9769965	0.9805533	6.1396415
2443000000	2.565634	0.104719755	0.547511131	0.911223107	-0.656517511	-0.38371009	1.0650636	1.1106089	0.9272015	0.9567853	6.1491919
2443000000	2.565634	0.157079633	1.138128615	0.83664252	-1.113134706	-0.693532307	1.1400041	1.1011136	0.8797176	0.9232586	6.1158248
2443000000	2.565634	0.20943951	1.626492362	0.747103086	-1.549262981	-1.067941938	1.205937	1.0898221	0.8366366	0.8843067	6.0567906
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2443000000	2.565634	0.314159265	2.311545366	0.642406678	-2.271512888	-1.843708404	1.3049001	1.0767635	0.7698823	0.8087505	5.9339541
2443000000	2.565634	0.366519143	2.523468154	0.659231384	-2.506354568	-2.152899111	1.3371293	1.0788513	0.7493458	0.7804679	5.9020888
2443000000	2.565634	0.41887902	2.660775913	0.716912382	-2.61517986	-2.354493887	1.3584348	1.0860395	0.7400158	0.7625623	5.9048579
2443000000	2.565634	0.471238898	2.733185221	0.79495575	-2.568472806	-2.422929922	1.3698066	1.0958416	0.7440059	0.7565776	5.9496618
2443000000	2.565634	0.523598776	2.750846266	0.868240359	-2.3532878	-2.352059152	1.3725947	1.1051266	0.7626681	0.762776	6.0274709
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2443000000	2.565634	0.680678408	2.603306259	0.875911224	-0.967228673	-1.522966594	1.3494765	1.106103	0.8946199	0.8391733	6.42238
2443000000	2.565634	0.73038286	2.540564828	0.788210116	-0.430605154	-1.170278071	1.3397638	1.0949909	0.9516335	0.873949	6.5682797
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2443000000	2.565634	0.837758041	2.481150895	0.515333745	0.676854881	-0.589238729	1.3306307	1.0611253	1.0564349	0.9344113	6.8140412
2443000000	2.565634	0.890117919	2.491833466	0.351693675	0.797219626	-0.417513446	1.3322682	1.0423211	1.0961273	0.953069	6.8933178
2443000000	2.565634	0.942477796	2.519479852	0.181111783	1.013114035	-0.347489855	1.3365155	1.0107072	1.1237138	0.9607834	6.9311332
2443000000	2.565634	0.994837674	2.548199808	0.008251775	1.122545677	-0.384809916	1.340942	1.0090505	1.1379608	0.9566642	6.9202438
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2443000000	2.565634	1.151917306	2.46044828	-0.492270101	0.860874219	-1.072905191	1.327463	0.9449014	1.1041897	0.8838015	6.5683172
2443000000	2.565634	1.204277184	2.322112515	-0.638823442	0.607567586	-1.432736356	1.3064886	0.9290922	1.0724533	0.8479362	6.3528488
2443000000	2.565634	1.256637061	2.111554082	-0.76873961	0.290563885	-1.809538051	1.2751982	0.9152991	1.034023	0.8119384	6.0994104
2443000000	2.565634	1.308996939	1.823264976	-0.883913692	-0.077829392	-2.167144309	1.2335684	0.9032424	0.9910796	0.7791889	5.8164448
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2443000000	2.617993878	-2.251474735	-5.394486561	-10.92664988	-7.370776726	-3.371523384	0.5373728	0.2842284	0.4280171	0.6783031	-0.318813
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2443000000	2.617993878	-1.93731547	-4.939682046	-4.859573134	-2.435537501	-2.308952046	0.56626	0.51575067	0.7554802	0.766571	2.4764835
2443000000	2.617993878	-1.884955592	-4.610835444	-4.545820536	-1.892503069	-2.101001049	0.5881095	0.5925281	0.80422	0.7851451	2.8290042
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2443000000	2.617993878	-1.256637061	-0.434980065	-1.782041476	2.532348115	-0.226951918	0.9511543	0.8145128	1.3384934	0.9742096	6.189133
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2443000000	2.617993878	-0.994837674	-0.183604434	0.200594436	3.295438389	-0.916565126	0.9790836	1.023363	1.4614095	0.8995834	6.7765167
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2443000000	2.617993878	-0.890117919	-0.778796802	0.236323065	3.272175206	-1.752212223	0.9142399	1.0272629	1.4575007	0.8713148	6.4780678
2443000000	2.617993878	-0.837758041	-1.236615831	0.06791879	3.197718331	-2.238076112	0.8672997	1.0078501	1.4450601	0.7728517	6.2203569
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2443000000	2.617993878	-0.733038286	-2.491487928	-0.568543649	2.903991605	-3.158666728	0.7506295	0.9366403	1.3970102	0.695313	5.5278824
2443000000	2.617993878	-0.680678408	-3.296622207	-0.968691983	2.687371607	-3.501613591	0.6841777	0.892597	1.3626006	0.6682198	5.1237556
2443000000	2.617993878	-0.628318531	-4.212471082	-1.416318136	2.439790457	-3.714707838	0.6157103	0.8494505	1.3243096	0.6520255	4.7145726
2443000000	2.617993878	-0.575958653	-5.199904266	-1.798699516	2.184468453	-3.777557161	0.5495469	0.8129522	1.285948	0.6473246	4.3385429
2443000000	2.617993878	-0.523598776	-6.160103441	-2.068766333	1.949609399	-3.685170358	0.4920337	0.7880644	1.251643	0.6524266	4.0442867
2443000000	2.617993878	-0.471238898	-6.912368408	-2.168880412	1.759958581	-3.444032727	0.451213	0.7790332	1.2246141	0.6726643	3.8384148
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2443000000	2.617993878	-0.314159265	-6.384549269	-1.360228603	1.486474323	-2.059467589	0.4794823	0.8550442	1.1866529	0.7889085	4.3761905
2443000000	2.617993878	-0.261799388	-5.496910924	-0.86767233	1.422042034	-1.514776105	0.5310733	0.9049329	1.1778829	0.839965	4.7454798
2443000000	2.617993878	-0.20943951	-4.526622566	-0.370753172	1.319489288	-1.01152393	0.5938392	0.9582236	1.1640576	0.8900693	5.1203473
2443000000	2.617993878	-0.157079633	-3.557751634	0.079610379	1.155447812	-0.592037266	0.6639149	1.0092076	1.1422835	0.9341102	5.4589049
2443000000	2.617993878	-0.104719755	-2.625659843	0.449578191	0.917633571	-0.286622294	0.7391235	1.0531225	1.1114289	0.9675399	5.7363455
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2443000000	2.617993878	-4.44E-16	-0.928698076	0.889170639	0.226407603	-0.076933036	0.8985973	1.1077928	1.0264088	0.9911819	6.072518
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2443000000	2.617993878	0.104719755	0.473821594	0.951667986	-0.652614373	-0.389449174	1.056066	1.1157924	0.9276154	0.9561533	6.1405605
2443000000	2.617993878	0.157079633	1.041877822	0.887198577	-1.104186446	-0.69880817	1.1274412	1.1075413	0.8806243	0.922698	6.103382
2443000000	2.617993878	0.20943951	1.51564063	0.797384382	-1.528710376	-1.067595039	1.1906443	1.0961481	0.8386186	0.884342	6.0417523
2443000000	2.617993878	0.261799388	1.896427432	0.713085844	-1.900477366	-1.452437679	1.2440028	1.0855611	0.803482	0.8460151	5.9750121
2443000000	2.617993878	0.314159265	2.189010811	0.65911474	-2.193925283	-1.804440614	1.2866207	1.0788368	0.7767902	0.8124151	5.9215891
2443000000	2.617993878	0.366519143	2.400245966	0.647879771	-2.382844461	-2.075948433	1.3182941	1.0774422	0.7600773	0.787413	5.8964348
2443000000	2.617993878	0.41887902	2.537924142	0.674602562	-2.418368686	-2.229811046	1.3393566	1.081011	0.7549326	0.7735875	5.9088957
2443000000	2.617993878	0.471238898	2.610402107	0.729886632	-3.252075271	-2.247769648	1.3505794	1.0876629	0.7627746	0.7719897	5.9617859
2443000000	2.617993878	0.523598776	2.627194943	0.786241191	-2.109897739	-2.33883645	1.353193	1.0947427	0.7843414	0.7821784	6.051933
2443000000	2.617993878	0.575958653	2.600197364	0.82522286	-1.732763086	-1.911601979	1.3489935	1.0996669	0.819147	0.8024535	6.1718452
2443000000	2.617993878	0.628318531	2.544679146	0.832466486	-1.257462306	-1.616796364	1.3403986	1.1005843	0.8652207	0.8031569	6.3117677
2443000000	2.617993878	0.680678408	2.478968676	0.801739712	-0.731183391	-1.290272166	1.3302965	1.0966978	0.9192652	0.8619586	6.4613648
2443000000	2.617993878	0.733038286	2.422045219	0.734426974	-0.200938992	-0.971937445	1.3216068	1.0882316	0.9771316	0.8941351	6.6105178
2443000000	2.617993878	0.785398163	2.389280751	0.637256175	0.293752293	-0.697040124	1.3166309	1.0761252	1.0343979	0.9228859	6.7492468
2443000000	2.617993878	0.837758041	2.387935753	0.519200799	0.723723451	-0.494082289	1.316427	1.0615979	1.0868915	0.9447043	6.8674246
2443000000	2.617993878	0.890117919	2.414703992	0.388538537	1.069870458	-0.383863353	1.3204903	1.0457477	1.1310805	0.9567684	6.9545738
2443000000	2.617993878	0.942477796	2.4566318	0.251043653	1.321436195	-0.379161637	1.3268798	1.0293424	1.1643185	0.9572865	7.0007114
2443000000	2.617993878	0.994837674	2.494728562	0.109896236	1.474010306	-0.484661808	1.3327124	1.0127327	1.1849513	0.9457294	6.9974458
2443000000	2.617993878	1.047197551	2.508265244	-0.032955076	1.527787386	-0.696834899	1.334791	0.9962131	1.1923105	0.9292077	6.9392234
2443000000	2.617993878	1.099557429	2.478076653	-0.174981599	1.48626027	-1.003613476	1.3301598	0.9800651	1.1866237	0.9808802	6.8241779
2443000000	2.617993878	1.151917306	2.388342599	-0.312130445	1.355338012	-1.383876591	1.3164887	0.9647027	1.1688719	0.8527195	6.6543873
2443000000	2.617993878	1.204277184	2.227214805	-0.439601575	1.14277718	-1.807077802	1.2922923	0.9506484	1.1406144	0.8121684	6.4355373
2443000000	2.617993878	1.256637061	1								

2443000000	2.670353756	-2.35619449	-5.367820238	-13.06460226	-7.189711945	-4.042097435	0.5390251	0.2222132	0.4370332	0.6279067	-0.789737
2443000000	2.670353756	-2.303834613	-5.360223324	-13.22624809	-7.249191337	-3.816010004	0.5394968	0.218116	0.4340507	0.6444652	-0.742538
2443000000	2.670353756	-2.251474735	-5.473836751	-12.08129932	-7.062195678	-3.613156185	0.532486	0.2488485	0.4434965	0.6596935	-0.516564
2443000000	2.670353756	-2.199114858	-5.624098294	-10.47650758	-6.607160377	-3.43693919	0.523534	0.2993466	0.4673497	0.6732138	-0.161027
2443000000	2.670353756	-2.14675498	-5.72376526	-8.956954958	-5.93575214	-2.737714014	0.5173825	0.3565761	0.505151	0.6859845	0.2781971
2443000000	2.670353756	-2.094395102	-5.711195334	-7.67606989	-5.31093733	-2.104029278	0.5181318	0.4132344	0.5539178	0.6995174	0.7676395
2443000000	2.670353756	-2.042035225	-5.568907272	-6.644343082	-4.304075353	-3.913841174	0.5266895	0.4653534	0.609251	0.7150031	1.2752847
2443000000	2.670353756	-1.989675347	-5.316722088	-5.838998471	-3.52150373	-2.700411391	0.5422055	0.5105639	0.6666913	0.7327898	1.7706697
2443000000	2.670353756	-1.93731547	-4.988730801	-5.233845188	-3.821146586	-2.470872932	0.5630714	0.5474037	0.7267444	0.7524131	2.2305013
2443000000	2.670353756	-1.884955592	-4.615598943	-4.804487907	-3.213976636	-2.236099858	0.5877871	0.5751427	0.774999	0.7730276	2.6418509
2443000000	2.670353756	-1.832595715	-4.219988321	-4.527032331	-1.692678372	-2.004650715	0.6151777	0.5938122	0.822936	0.793903	3.0023143
2443000000	2.670353756	-1.780235837	-3.818627033	-4.375256413	-1.23872226	-1.77995911	0.6442711	0.6042786	0.8670894	0.8147081	3.3177817
2443000000	2.670353756	-1.72787596	-3.423743853	-4.317590167	-0.827953101	-1.561032862	0.6742374	0.6083037	0.9090805	0.8355037	3.6000079
2443000000	2.670353756	-1.675516082	-3.042314363	-4.314678748	-0.435453088	-1.345064888	0.7045053	0.6085077	0.9511025	0.8565382	3.8643119
2443000000	2.670353756	-1.623156204	-2.675304206	-4.318872031	-0.040105462	-1.130108506	0.7349111	0.608214	0.9953933	0.8780001	4.1271212
2443000000	2.670353756	-1.570796327	-2.318901533	-4.27774573	-0.371437179	-0.916659987	0.7656934	0.6111006	1.0436908	0.8998435	4.4030208
2443000000	2.670353756	-1.518436449	-1.967808952	-4.143204663	0.802277255	-0.708011139	0.7972776	0.62064	1.0967657	0.9217209	4.7014849
2443000000	2.670353756	-1.466076572	-1.619189567	-3.88430015	-2.15419444	-0.509872282	0.8299282	0.6394182	1.1541433	0.9429885	5.0241914
2443000000	2.670353756	-1.413716694	-1.27559237	-3.497089111	1.685120786	-0.329845094	0.8634166	0.6856879	1.2141044	0.9627372	5.3641295
2443000000	2.670353756	-1.361356817	-0.945918516	-3.004714014	1.203283614	-0.176973132	0.8968175	0.7075617	1.2739846	0.9798314	5.7070839
2443000000	2.670353756	-1.308996939	-0.644456334	-2.447793816	2.481602025	-0.061302685	0.9284899	0.754415	1.3306998	0.9929671	6.0348588
2443000000	2.670353756	-1.256637061	-0.38868296	-1.871938031	2.80612976	0.006684186	0.9562377	0.8061263	1.3813588	1.0007698	6.3288275
2443000000	2.670353756	-1.204277184	-0.196682111	-0.196682111	3.181763386	3.068941169	0.9776106	0.8591358	1.4237937	1.0019312	6.5726293
2443000000	2.670353756	-1.151917306	-0.084826256	-0.82202087	3.268373245	-0.040347383	0.9902815	0.9097015	1.4566828	0.9953656	6.7535998
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2443000000	2.670353756	-0.994837674	-0.338854374	0.10961152	3.503636363	-0.867674044	0.9613971	1.0126995	1.5015224	0.9248393	6.8500334
2443000000	2.670353756	-0.942477796	-0.635776318	0.192676344	3.523065359	-1.052599801	0.9294182	1.0224305	1.5002142	0.88587	6.7250569
2443000000	2.670353756	-0.890117919	-1.038899373	0.155017593	3.469916922	-1.496639701	0.8872684	1.0180073	1.4910625	0.8417207	6.5227399
2443000000	2.670353756	-0.837758041	-1.546582061	0.000728403	3.367637507	-1.991819817	0.8368949	1.0000839	1.4736077	0.7950767	6.2740662
2443000000	2.670353756	-0.785398163	-2.157761406	-0.259405414	3.212518126	-2.507451042	0.7800311	0.9705764	1.4475244	0.7492512	5.9055858
2443000000	2.670353756	-0.733038286	-2.87104838	-0.606250006	3.004520343	-3.000903711	0.7185344	0.932858	1.4132729	0.7078721	5.511438
2443000000	2.670353756	-0.680678408	-3.679892839	-1.010153227	2.751028257	-3.421374144	0.6546443	0.8902097	1.3726234	0.6744213	5.0858818
2443000000	2.670353756	-0.628318531	-4.561497829	-1.428865886	2.469190561	-3.718275865	0.5914596	0.8483141	1.3287997	0.6517578	4.6607634
2443000000	2.670353756	-0.575958653	-5.458414136	-1.807282083	2.185338157	-3.851812801	0.533449	0.8121493	1.2860768	0.6418143	4.279619
2443000000	2.670353756	-0.523598776	-6.256501386	-2.082312734	1.930490935	-3.801214419	0.4866032	0.7866363	1.2488275	0.645564	3.99464
2443000000	2.670353756	-0.471238898	-6.791107012	-2.19614176	1.728953293	-3.568173204	0.4575564	0.776592	1.2202468	0.6631188	3.8555683
2443000000	2.670353756	-0.41887902	-6.912711339	-2.115855113	1.592633	-3.17653086	0.4511952	0.7838036	1.2012452	0.6937028	3.890139
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2443000000	2.670353756	-0.2043951	-4.243869463	-0.448364486	1.302788287	-1.014164669	0.6134886	0.9496898	1.1618215	0.8897987	5.1410823
2443000000	2.670353756	-0.157079633	-3.36115627	0.014627933	1.148382101	-0.587843531	0.6791132	1.0016855	1.140753	0.9345614	5.4741732
2443000000	2.670353756	-0.104719755	-2.505627901	0.403285702	0.910505717	-0.281287401	0.7494085	1.0475247	1.1105172	0.9681344	5.7461449
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2443000000	2.670353756	0.523598776	2.454870966	0.711586387	-1.939153828	-1.7999122	1.3266109	1.0853738	0.8062241	0.7999122	6.0598602
2443000000	2.670353756	0.575958653	2.420017408	0.752374017	-1.495530695	-1.706252312	1.3212983	1.0904285	0.8418282	0.821651	6.1825065
2443000000	2.670353756	0.628318531	2.357318226	0.773938099	-1.036873437	-1.422710861	1.3117948	1.0931932	0.8874754	0.8489155	6.3222994
2443000000	2.670353756	0.680678408	2.286925151	0.768548918	-0.533137225	-1.172740265	1.3012066	1.0925151	0.9404661	0.8782395	6.47000485
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2443000000	2.670353756	0.785398163	2.201152349	0.67566114	0.460407678	-0.640209164	1.2884205	1.081131	1.0544364	0.928944	6.7550374
2443000000	2.670353756	0.837575804	2.208213884	0.601675507	0.889965363	-0.50184994	1.2894684	1.071726	1.1078941	0.9438598	6.873977
2443000000	2.670353756	0.890117919	2.245005512	0.513019317	1.247014463	-0.459493662	1.2949419	1.0608426	1.1543851	0.9484738	6.9635449
2443000000	2.670353756	0.942477796	2.295468526	0.451290823	1.519472721	-0.524186419	1.3024871	1.0489736	1.1911703	0.9414357	7.0128414
2443000000	2.670353756	0.994837674	2.337734571	0.310387829	1.7007003841	-0.699918445	1.3088405	1.0363809	1.2162846	0.9225801	7.0128788
2443000000	2.670353756	1.047197551	2.349026465	0.199629694	1.788115058	-0.983009685	1.3105431	1.0322494	1.2285865	0.892996	6.9570585
2443000000	2.670353756	1.099557429	2.309097761	0.085242102	1.782103388	-1.361150916	1.3045325	1.0996822	1.2277365	0.8549534	6.8426964
2443000000	2.670353756	1.151917306									

2443000000	2.722713633	-2.460914245	-6.04163139	-9.973089444	-6.192466748	-4.769712605	0.4987908	0.317209	0.4902038	0.57745	-0.520579
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2443000000	2.722713633	-2.042035225	-6.069571845	-7.378355542	-4.787161291	-3.124564868	0.4971889	0.276438	0.5762911	0.6787655	0.8238628
2443000000	2.722713633	-1.989675347	-5.760616456	-6.366935779	-4.077725138	-2.868301003	0.5151921	0.4804555	0.6253364	0.7187617	1.3627377
2443000000	2.722713633	-1.93731547	-5.367478116	-5.580365016	-3.382893356	-2.592245595	0.5390463	0.5259952	0.6774158	0.7419723	1.8839342
2443000000	2.722713633	-1.884955592	-4.925421676	-4.996746354	-2.733016857	-2.306688526	0.5671905	0.562552	0.7300442	0.7667708	2.3671383
2443000000	2.722713633	-1.832595715	-4.459993509	-4.59279572	-2.137970915	-2.020059775	0.598412	0.5893198	0.7818104	0.7924959	2.8039935
2443000000	2.722713633	-1.780235837	-3.990875098	-4.342734737	-1.592763721	-1.737086155	0.6316205	0.6065453	0.832457	0.8187394	3.1954401
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2443000000	2.722713633	-1.570796327	-2.300952413	-4.11077217	0.37683997	-0.679175636	0.7672774	0.6229618	1.0443402	0.9247859	4.5054466
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2443000000	2.722713633	-1.099557429	-0.212689544	-0.499286337	3.581985045	0.090483471	0.9758106	0.9441384	1.5104253	1.0104717	6.9287145
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2443000000	2.722713633	-0.837758041	-1.963627627	-0.089598957	3.482808128	-1.582460069	0.7976615	0.9897376	1.4932771	0.8334451	6.2649484
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2443000000	2.775073511	0.575958653	1.891448631	0.663554646	-1.048956113	-1.42907878	1.24329	1.0793884	0.8862417	0.8482933	6.13439571
2443000000	2.775073511	0.628318531	1.795762237	0.742882552	-0.646531227	-1.206748035	1.2296687	1.0982915	0.9282681	0.8702872	6.272105
2443000000	2.775073511	0.680678408	1.697458323	0.818640735	-0.215751104	-1.009150104	1.2158302	1.0988399	0.9752623	0.8903125	6.4034221
2443000000	2.775073511	0.733038286	1.620885802	0.881338513	-0.862123154	-0.862123154	1.2051588	1.0679493	0.9251023	0.9055112	6.5319736
2443000000	2.775073511	0.785398163	1.584052851	0.926015599	0.630917122	-0.78463966	1.2000591	1.1125019	0.9753401	0.9136254	6.6518523
2443000000	2.775073511	0.837758041	1.592171975	0.950961438	0.101016027	-0.790275475	1.2011814	1.1157016	1.1233318	0.9130325	6.7556699
2443000000	2.775073511	0.890117919	1.635351636	0.95620247	0.337220748	-0.888158256	1.2071676	1.1163751	1.1664363	0.9028011	6.8341894
2443000000	2.775073511	0.947277796									

2443000000	2.827433388	-2.670353756	-9.934341793	-6.107422804	-5.220623995	-5.396999428	0.3186272	0.495027	0.5482376	0.5372173	-0.449601
2443000000	2.827433388	-2.617993878	-8.875640275	-6.76604274	-5.347153358	-5.367924057	0.35993	0.4088787	0.5403092	0.5390187	-0.454051
2443000000	2.827433388	-2.565634	-7.957852283	-7.785443917	-5.513392316	-5.429372545	0.4000437	0.4508036	0.5300665	0.5352188	-0.568024
2443000000	2.827433388	-2.513274123	-7.305490094	-9.133609135	-5.661052407	-5.501952501	0.4312464	0.3499373	0.5211316	0.5307651	-0.759529
2443000000	2.827433388	-2.460914245	-6.95898047	-10.76150779	-5.75445609	-5.521783106	0.4487981	0.2896841	0.5155576	0.5295547	-0.994678
2443000000	2.827433388	-2.408554368	-6.908922468	-12.57313233	-5.787336255	-5.457690743	0.451392	0.2351491	0.5136097	0.5334767	-1.241484
2443000000	2.827433388	-2.35619449	-7.110659764	-14.34797821	-5.777813852	-5.312053401	0.4410289	0.1916907	0.514173	0.542497	-1.466004
2443000000	2.827433388	-2.30384613	-7.482360972	-15.59539377	-5.753475251	-5.104206342	0.4225537	0.1660467	0.5156158	0.5556351	-1.619216
2443000000	2.827433388	-2.251474735	-7.900258629	-15.63938203	-5.734776196	-5.1851199194	0.402705	0.1652079	0.516727	0.527058	-1.635733
2443000000	2.827433388	-2.199114858	-8.214317622	-14.39446453	-5.723386638	-4.559344344	0.3884004	0.1906675	0.5174051	0.5916063	-1.477223
2443000000	2.827433388	-2.14675498	-8.30248492	-12.52731823	-5.697907637	-4.227743828	0.3844418	0.2363927	0.518925	0.6146287	-1.137888
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2443000000	2.827433388	-2.042035225	-7.751865708	-8.905520103	-5.437656373	-3.453204732	0.4096441	0.3586939	0.5347086	0.6719543	-0.109254
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2443000000	2.827433388	-1.93731547	-6.655965131	-6.303904438	-4.673878669	-2.604088372	0.4647311	0.4839548	0.5838564	0.7409614	-1.1131334
2443000000	2.827433388	-1.884955592	-6.023942345	-5.400889484	-4.109224091	-2.186335763	0.4998076	0.5369768	0.6230728	0.7774692	-1.7176742
2443000000	2.827433388	-1.832597115	-5.366429014	-4.731423911	-3.467808461	-1.785871099	0.5391114	0.5800021	0.6708255	0.8141538	-2.292526
2443000000	2.827433388	-1.780235837	-4.70609062	-4.264655236	-2.785836296	-1.407679155	0.5816952	0.6102223	0.7256182	0.8503859	-2.8281224
2443000000	2.827433388	-1.72787596	-4.067314573	-3.96477395	-2.090152226	-1.054854044	0.6260864	0.6335214	0.7861264	0.8856402	-3.208259
2443000000	2.827433388	-1.675516082	-3.470560805	-3.789838485	-1.397583068	-0.729902617	0.670613	0.64641	0.8513749	0.9194008	-3.7727397
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2443000000	2.827433388	-1.570796327	-2.44455164	-3.615317467	-0.059656774	-0.17278225	0.7546966	0.6595293	0.9931553	0.9803403	-4.5774619
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2443000000	2.827433388	-1.466076572	-1.644753112	-3.333985675	1.164246843	0.249955063	0.8274892	0.6812409	1.1434373	1.0291952	-5.299572
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2443000000	2.827433388	-1.099557429	-0.800228576	-0.680326376	3.671999788	0.622761855	0.9119868	0.9246634	1.5261597	1.074331	-6.9214646
2443000000	2.827433388	-1.047197551	-1.051329018	-0.41813533	3.76919311	0.516230556	0.8859996	0.9530007	1.543333	1.0612349	-6.9340374
2443000000	2.827433388	-0.994837674	-1.414640143	-0.245460291	3.804282089	0.352126411	0.8497046	0.9721359	1.5495804	1.041373	-6.873673
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2443000000	2.827433388	-0.890117919	-2.434526941	-0.195544649	3.681986392	-0.190492698	0.7555682	0.9777386	1.5279154	0.9783075	-6.5257537
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2443000000	2.827433388	-0.680678408	-4.913952964	-1.193269835	2.670204231	-2.168709871	0.567399	0.8716387	1.3599101	0.7790485	-5.0535109
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2443000000	2.827433388	0.314159265	1.454365659	1.0710751314	-1.603536738	-1.34648881	1.1822744	1.0852694	0.8158386	0.8314252	-5.8336084
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2443000000	2.827433388	0.471238898	1.688895948	0.508222455	-1.45293932	-1.699009718	1.2146271	1.0602569	0.8459662	0.8223364	-5.8963469
2443000000	2.827433388	0.523598776	1.64000137	0.554759995	-1.165182133	-1.541327142	1.207814	1.0595299	0.8744619	0.8374013	-5.9893399
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2443000000	2.827433388	0.680678408	1.306523842	0.888953083	-0.067674109	-1.034772436	1.1623213	1.107765	0.992239	0.8876901	-6.3304933
2443000000	2.827433388	0.733038286	1.213614973	1.00588166	0.315556586	-0.956990854	1.1499547	1.1227785	1.0369978	0.895675	-6.4555587
2443000000	2.827433388	0.785398163	1.16656075	1.104850937	0.608887251	-0.953153201	1.1437419	1.1356449	1.0815444	0.8960708	-6.5614773
2443000000	2.827433388	0.837758041	1.170412344	1.180							

2443000000	2.879793266	-2.775073511	-12.73736343	-6.204318762	-5.578814786	-6.176655502	0.2307447	0.4895354	0.526089	0.4910969	-1.222273
2443000000	2.879793266	-2.722713633	-11.76796202	-6.127582053	-5.406847155	-5.75704609	0.2579894	0.4938794	0.5366086	0.5154039	-0.896441
2443000000	2.879793266	-2.670353756	-10.54680409	-6.484263241	-5.566375122	-5.566375122	0.2969339	0.4740093	0.5367387	0.526843	-0.750127
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2443000000	2.879793266	-2.35619449	-8.208367023	-14.297276	-5.96028701	-5.86309039	0.3886706	0.192813	0.5250475	0.5091497	-1.853489
2443000000	2.879793266	-2.30384613	-8.700642156	-15.29727157	-5.474460441	-5.671602629	0.3672551	0.1718448	0.5324477	0.520499	-1.981484
2443000000	2.879793266	-2.251474735	-9.152416928	-15.60114298	-5.375836439	-5.375836439	0.3486416	0.1659398	0.5385231	0.5385279	-1.983761
2443000000	2.879793266	-2.199114858	-9.382914856	-14.9660257	-5.32524687	-4.990044932	0.3395113	0.1785249	0.5416736	0.5629862	-1.815857
2443000000	2.879793266	-2.14675498	-9.29755103	-13.50750764	-5.324492108	-4.53308208	0.3428644	0.2111663	0.5417207	0.5933978	-1.46724
2443000000	2.879793266	-2.094395102	-8.93753589	-11.6773285	-5.34925436	-4.028722679	0.3573742	0.2606955	0.540179	0.6288743	-0.977511
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2443000000	2.879793266	-1.780235837	-4.949544221	-4.546035159	-3.412636054	-1.178795943	0.5656174	0.5925135	0.6751001	0.8730924	2.6269941
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2443000000	2.879793266	-1.518436449	-2.000314222	-3.508809197	0.278325073	0.251390958	0.7942995	0.6676664	1.0325623	1.0293654	4.9198557
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2443000000	2.879793266	-1.413716694	-1.347942446	-3.044052064	-5.305425204	-3.503242529	0.8562545	0.7043644	1.1897926	1.0688583	5.619007
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2443000000	2.879793266	-0.994837674	-1.895415577	-0.362032741	3.738260144	0.683362307	0.8039503	0.9591767	1.5378466	1.0818527	6.8144841
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2443000000	2.932153143	0.20943951	0.563505014	1.080042372	-1.256659318	-0.985563084	1.0670266	1.1324059	0.8653007	0.8927335	5.9277454
2443000000	2.932153143	0.261799388	0.78438584	0.928323374	-1.450317778	-1.277154644	1.0945089	1.1127976	0.8462391	0.8632613	5.8380433
2443000000	2.932153143	0.314159265	0.934652697	0.75079499	-1.508613485	-1.499846803	1.1136088	1.0902843	0.8405612	0.84141	5.7691524
2443000000	2.932153143	0.366519143	1.014541266	0.587229033	-1.433528838	-1.61848485	1.1238984	1.069945	0.8478589	0.8299955	5.7374291
2443000000	2.932153143	0.41887902	1.025947129	0.576598837	-1.247024747	-1.625731559	1.1253752	1.0564038	0.866261	0.8293034	5.7500583
2443000000	2.932153143	0.471238898	0.972941446	0.447415871	-0.981796071	-1.544515943	1.1185285	1.0528604	0.8931208	0.8370939	5.8042631
2443000000	2.932153143	0.523598776	0.863524853	0.509435385	-0.67519855	-1.417401162	1.1045268	1.060405	0.925708	0.8494346	5.8894884
2443000000	2.932153143	0.575958653	0.711984642	0.651864575	-0.339658026	-1.29077295	1.0854235	1.0779366	0.9616501	0.8619089	5.9921488
2443000000	2.932153143	0.628318531	0.540418878	0.689							

2443000000	2.984513021	-2.984513021	-16.8261803	-12.53195926	-10.00730673	-10.62929117	0.144109	0.2362664	0.3159619	0.2941274	-6.10382
2443000000	2.984513021	-2.932153143	-16.35529825	-9.810106612	-8.370883607	-9.186112855	0.1521371	0.3232174	0.381466	0.3472917	-4.407262
2443000000	2.984513021	-2.879793266	-16.20710681	-8.075107132	-7.265689515	-8.000436305	0.154755	0.346796	0.433227	0.3980872	-3.218307
2443000000	2.984513021	-2.827433388	-15.84768827	-7.066919267	-6.565814257	-7.066610641	0.161293	0.4432554	0.4695797	0.4432712	-2.398603
2443000000	2.984513021	-2.775073511	-14.77620408	-6.64715848	-6.171497445	-6.385250512	0.1824693	0.4652052	0.4913887	0.4794435	-1.838324
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2443000000	2.984513021	-2.565634	-9.686421754	-9.575615698	-5.109492515	-5.936551753	0.3278528	0.3322062	0.49255	0.5048617	-1.632439
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2443000000	2.984513021	-2.35619449	-10.06744694	-13.92001336	-5.82404399	-6.922238581	0.3137817	0.2013721	0.5114437	0.4507005	-2.631237
2443000000	2.984513021	-2.303834613	-10.31523437	-14.23601581	-5.504735111	-6.737149855	0.3049568	0.1941776	0.5305951	0.4604076	-2.556075
2443000000	2.984513021	-2.251474735	-10.24839792	-14.6452864	-5.171420995	-6.272729265	0.3073124	0.1852404	0.551352	0.4856949	-2.329044
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2443000000	3.089232776	-0.20943551	-1.901117972	-0.992737658	1.051891975	-0.745212027	0.8034227	0.891964	1.1240639	0.9177913	5.4304997
2443000000	3.089232776	-0.157079633	-1.707326777	-0.442313048	0.941285915	-0.411390509	0.8215494	0.9503517	1.1144595	0.953741	5.6662544
2443000000	3.089232776	-0.104719755	-1.472574338	0.075458535	0.782091572	-0.18458046	0.844056	1.0807253	1.0942198	0.9789736	5.8583502
2443000000	3.089232776	-0.052359878	-1.207221665	0.527498423	0.539530704	-0.073579669	0.8702398	1.0626125	1.0640855	0.9915646	5.9959757
2443000000	3.089232776	-4.444-16	-0.928697956	0.889170797	0.226407134	-0.076932903	0.8985973	1.1077928	1.0264088	0.9911819	6.0725181
2443000000	3.089232776	0.052359878	-0.658667451	1.144090852	-0.131949454	-0.185115073	0.926972	1.1407869	0.9849236	0.9789133	6.0889399
2443000000	3.089232776	0.104719755	-0.41889871	1.284051328	-0.497338271	-0.380330613	0.952917	1.159378	0.9443502	0.9571576	6.0503909
2443000000	3.089232776	0.157079633	-0.227421001	1.309454723	-0.821145885	-0.635215152	0.974157	1.1627136	0.9097932	0.9294783	5.9686379
2443000000	3.089232776	0.20943551	-0.096209369	1.230461101	-1.052147197	-0.912410394	0.9889846	1.1521872	0.8859162	0.9200839	5.8614407
2443000000	3.089232776	0.261799388	-0.030743818	1.068763767	-1.149797132	-1.167725684	0.9964667	1.1309364	0.8760122	0.8742059	5.7507707
2443000000	3.089232776	0.314159265	-0.								

2443000000	3.089232776	3.036872899	-12.64313441	-13.43336111	-13.18738354	-31.99148153	0.2332616	0.2129766	0.2190942	0.0251435	-9.237629
2443000000	3.089232776	3.089232776	-14.56766818	-15.6184287	-15.60561272	-23.42859367	0.1869031	0.165607	0.1658515	0.0673861	-10.66639
2443000000	3.089232776	3.089232776	-16.53959304	-17.12079963	-17.12079963	-17.73412096	0.1489431	0.1094801	0.1393029	0.1298058	-11.57563
2484000000	0	-3.141592654	-16.02820974	-17.67380964	-17.99386126	-15.7153496	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
2484000000	0	-3.089232776	-15.45393249	-15.84771045	-15.80479713	-17.56156699	0.1687732	0.1612926	0.1620915	0.1324103	-10.10901
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2484000000	0	-2.984513021	-12.3094711	-13.78203061	-11.16353216	-19.15832638	0.2423966	0.2045966	0.2765817	0.1101752	-7.599883
2484000000	0	-2.932153143	-11.04975846	-12.94517014	-9.780567364	-17.07385513	0.2802284	0.2252898	0.3243184	0.1400578	-6.286111
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2484000000	0	-2.827433388	-10.00632698	-11.73593577	-8.468317057	-12.45047527	0.3159975	0.2589424	0.3772108	0.2384933	-4.504961
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2484000000	0	-2.722713633	-10.52553245	-11.3846102	-8.34575498	-10.06172913	0.297662	0.2696308	0.3825712	0.3139884	-3.986673
2484000000	0	-2.670353756	-11.05747465	-10.99770976	-8.411897794	-9.595323737	0.2799795	0.2819126	0.379669	0.3313094	-3.924915
2484000000	0	-2.617993878	-11.53524618	-10.17541708	-8.383137963	-9.459691717	0.264995	0.3099054	0.3809282	0.3365235	-3.792893
2484000000	0	-2.565634	-11.80046447	-9.151829603	-8.184835978	-9.521710298	0.2570258	0.3486651	0.3897249	0.3341292	-3.546538
2484000000	0	-2.513274123	-11.77904609	-8.271053214	-7.832911735	-9.662790122	0.2576604	0.3858756	0.4058396	0.328746	-3.234849
2484000000	0	-2.460914245	-11.47847587	-7.679150491	-7.405397035	-9.822520932	0.2667327	0.4130879	0.4263145	0.3227557	-2.920619
2484000000	0	-2.408554368	-10.936503	-7.288904036	-6.983949767	-10.01796155	0.2839062	0.4320707	0.4475098	0.3155745	-2.620877
2484000000	0	-2.35619449	-10.19490036	-6.852251671	-6.616707997	-10.30720207	0.309211	0.4543467	0.4668363	0.3052389	-2.294851
2484000000	0	-2.303834613	-9.308703672	-6.137328549	-6.312022322	-10.72032105	0.3424245	0.4933255	0.4835027	0.291061	-1.882391
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2484000000	0	-2.199114858	-7.393151906	-4.08088337	-5.790876919	-11.53511963	0.426916	0.6251091	0.5134003	0.2649989	-0.769564
2484000000	0	-2.14675498	-6.494695431	-3.152589274	-5.506939803	-11.49231125	0.4734403	0.6956176	0.5304605	0.2663081	-0.149696
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2484000000	0	-1.308996939	-1.231407296	2.130399502	1.489366936	-4.569671253	0.86782	1.277968	1.1870482	0.5909033	5.8534033
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2484000000	0.104719755	-0.366519143	-0.645659629	0.01243057	-0.005801361	-0.995006719	0.9283613	1.0104321	0.9993323	0.8917634	-5.6226889
2484000000	0.104719755	-0.314159265	-0.454278077	0.071341358	-0.20346217	-0.894194299	0.9490434	1.0082473	0.9768478	0.902174	-5.6576796
2484000000	0.104719755	-0.261799388	-0.325722977	0.217799539	-0.294979502	-0.78775292	0.9631942	1.0253921	0.9666094	0.9132977	-5.7302373
2484000000	0.104719755	-0.20943951	-0.254425543	0.40325267	-0.282907961	-0.666624276	0.971133	1.0475295	0.9679537	0.9261232	-5.8290188
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2484000000	0.157079633	-3.141592654	-16.02820976	-17.67380954	-17.99386126	-15.71534995	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
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2484000000	0.157079633	3.141592654	-16.02820976	-17.67380954	-17.99386177	-15.71534995	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
2484000000	0.20943951	-3.141592654	-16.02820956	-17.6738094	-17.99386113	-15.71534976	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
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2484000000	0.20943951	-2.460914245	-10.77299456	-8.448150943	-5.754790739	-10.77447701	0.2893012	0.3780876	0.5155425	0.2895219	-2.661363
2484000000	0.20943951	-2.408515368	-10.21214617	-8.162680218	-5.414921127	-10.87732009	0.3085977	0.3932703	0.53611	0.2858472	-2.367029
2484000000	0.20943951	-2.35619449	-9.658772759	-7.809272228	-5.05964181	-11.35094492	0.3288981	0.4069456	0.5584932	0.2706779	-2.130231
2484000000	0.20943951	-2.30384613	-9.208072414	-7.299965232	-4.730116921	-12.36219193	0.3464148	0.4315208	0.5800884	0.2409297	-1.943882
2484000000	0.20943951	-2.251474735	-8.899192994	-6.451634112	-4.461682747	-14.06742634	0.3589553	0.4759933	0.5982957	0.1979834	-1.771374
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2484000000	0.20943951	-2.14675498	-8.677158081	-4.141495417	-4.185194639	-18.95184124	0.3682494	0.6207262	0.6176469	0.1128257	-1.312636
2484000000	0.20943951	-2.094395102	-8.688209395	-3.091364179	-4.179295479	-18.46930468	0.3677812	0.7005381	0.6180691	0.119271	-0.887883
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2484000000	0.20943951	-1.989675347	-8.656119704	-1.702323121	-4.328965975	-13.06246812	0.3691425	0.8220228	0.6075076	0.2222678	-0.090472
2484000000	0.20943951	-1.93731547	-8.484890278	-1.327740388	-4.403995431	-11.15006659	0.3764918	0.8582484	0.6022825	0.2770127	-0.614648
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2484000000	0.20943951	-1.780235837	-6.971453247	-0.569468392	-4.060111454	-8.273490509	0.4481541	0.9365405	0.6266058	0.3857674	-1.5730064
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2484000000	0.20943951	2.513274123	-7.052471985	-16.16713463	-8.651203859	-8.48583026	0.4439993	0.1554688	0.3693514	0.376451	-3.444446
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2484000000	0.261799388	-0.837758041	-2.207064621	1.797370166	3.982551979	0.447992549	0.775616	1.2298963	1.5817127	1.0529303	7.3100505
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2484000000	0.261799388	3.141592654	-16.02820957	-17.67380965	-17.99386114	-15.71534945	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
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2484000000	0.314159265	-3.089232776	-16.74677519	-15.1550493	-15.71245129	-19.10786443	0.1454324	0.1746818	0.1638284	0.1108171	-10.53383
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2484000000	0.1887902	-1.308996939	-2.585995436	0.589184003	0.1463084039	-2.408375285	0.7425064	1.0701858	1.1834617	0.7578465	-5.4692865
2484000000	0.1887902	-1.256637061	-2.332132178	0.931323967	1.931379359	-1.821405258	0.764528	1.1131821	1.2464044	0.8108299	-5.8781719
2484000000	0.1887902	-1.204277184	-2.154354425	1.237316305	2.348573273	-1.211352369	0.7803371	1.1530969	1.3104748	0.869826	-6.264126
2484000000	0.1887902	-1.151917306	-2.037756309	1.45261209	2.750931507	-0.627959441	0.7908829	1.1820357	1.3726082	0.930255	-6.5997108
2484000000	0.1887902	-1.099557429	-1.967524902	1.538864273	3.103757933	-0.106216256	0.7973037	1.193832	1.4295123	0.9878459	-6.8562048
2484000000	0.1887902	-1.047197551	-1.934749888	1.490575131	3.393414136	0.332087008	0.8003179	1.1872133	1.4779873	1.0389732	-7.0523159
2484000000	0.1887902	-0.994837674	-1.939379898	1.342075371	3.690363009	0.674556244	0.7998914	1.1670884	1.5151937	1.0807564	-7.164276
2484000000	0.1887902	-0.942477796	-1.989729705	1.161059195	3.744005351	0.914290553	0.795268	1.1430177	1.5388712	1.1110012	-7.2121676
2484000000	0.1887902	-0.890117919	-2.099043093	1.05231113	3.792707287	1.04684182	0.7853221	1.1252825	1.5475168	1.1280857	-7.2084733
2484000000	0.1887902	-0.837758041	-2.280232332	0.98768585	3.753386595	1.068659525	0.7691099	1.1204289	1.5405238	1.1309228	-7.1605373
2484000000	0.1887902	-0.785398163	-2.539494055	1.05121617	3.627023489	0.97760236	0.7464922	1.128654	1.5182776	1.1191289	-7.0678458
2484000000	0.1887902	-0.733038286	-2.868735089	1.170876644	3.418057505	0.775869705	0.7187258	1.1443104	1.4821863	1.0934363	-6.9244352
2484000000	0.1887902	-0.680678408	-3.236920957	1.281935584	3.34760452	0.475226191	0.6888965	1.1590356	1.4346238	1.0562368	-6.7267781
2484000000	0.1887902	-0.628318531	-3.583254451	1.333188474	2.789801285	0.103275899	0.6619684	1.165895	1.3787644	1.011961	-6.

2484000000	0.41887902	2.094395102	-4.895996529	-5.243210655	-6.388493423	-3.982573723	0.5691152	0.5468138	0.4792646	0.6322245	0.9354348
2484000000	0.41887902	2.14675498	-5.129729654	-5.844615616	-6.144827506	-3.999282252	0.5540048	0.5102338	0.4928998	0.6310095	0.7809393
2484000000	0.41887902	2.199114858	-5.420885212	-6.818964355	-5.876420136	-4.105418819	0.5357421	0.4560913	0.5083689	0.6233458	0.5206422
2484000000	0.41887902	2.251474735	-5.79383509	-8.215987628	-5.699089949	-4.344401662	0.5132255	0.3883297	0.5188544	0.6064289	0.1157833
2484000000	0.41887902	2.303834613	-6.231327642	-10.05575446	-5.688082722	-4.745888772	0.4880155	0.3142044	0.5195123	0.579036	-0.442017
2484000000	0.41887902	2.35619449	-6.666061347	-12.12659677	-5.881372925	-5.323977462	0.4641912	0.2475551	0.5080791	0.5417528	-1.102566
2484000000	0.41887902	2.408554368	-6.993629927	-13.42321971	-6.286913271	-6.071256075	0.4470113	0.2132254	0.4849024	0.4970925	-1.711912
2484000000	0.41887902	2.460914245	-7.123985753	-12.70016283	-6.885851121	-6.939997852	0.4403527	0.2317351	0.4525926	0.44978	-2.077965
2484000000	0.41887902	2.513274123	-7.048078325	-10.84531849	-7.632156261	-7.805129292	0.4442179	0.2869023	0.4153289	0.4071398	-2.193877
2484000000	0.41887902	2.565634	-6.850391376	-9.150991243	-6.454985871	-8.439325001	0.4544441	0.3486988	0.3777902	0.378472	-2.161421
2484000000	0.41887902	2.617993878	-6.652850863	-8.003964908	-9.274603652	-8.60754376	0.4648978	0.3979255	0.3437715	0.3712127	-2.09592
2484000000	0.41887902	2.670353756	-6.556136715	-7.43591758	-10.03716461	-8.29640514	0.4701032	0.4248192	0.3148776	0.384751	-1.967832
2484000000	0.41887902	2.722713633	-6.620165513	-7.411080487	-10.75026944	-7.762103655	0.4666505	0.4260357	0.2900591	0.4091616	-1.982247
2484000000	0.41887902	2.775073511	-6.872752456	-7.887298259	-11.48687397	-7.310277259	0.4532756	0.4033064	0.2664749	0.4310088	-2.191212
2484000000	0.41887902	2.827433388	-7.32704844	-8.82284362	-12.35437676	-7.146324557	0.4301774	0.3621244	0.2411466	0.4392217	-2.65849
2484000000	0.41887902	2.879793266	-7.998830061	-10.17905542	-13.4587589	-7.37851824	0.3981608	0.3097756	0.2123548	0.4276358	-3.427272
2484000000	0.41887902	2.932153143	-8.920488044	-11.93835061	-14.87858949	-8.059454029	0.3580763	0.2529778	0.1803311	0.3953915	-4.53322
2484000000	0.41887902	2.984513021	-10.14911005	-14.13158276	-16.61325039	-9.213156944	0.3108454	0.1965264	0.1476854	0.346212	-6.009583
2484000000	0.41887902	3.036872899	-11.7619963	-16.72786125	-18.37569083	-10.84889326	0.2581667	0.1457495	0.1205634	0.2867843	-7.837358
2484000000	0.41887902	3.089232776	-13.80528557	-18.71538309	-19.16038749	-12.98244508	0.2040496	0.1159393	0.110149	0.224325	-9.702898
2484000000	0.41887902	3.141592654	-16.02820979	-17.67380956	-17.99386094	-15.71534969	0.1579754	0.1307102	0.1259816	0.1637693	-10.77549
2484000000	0.471238898	-3.141592654	-16.02820972	-17.67380938	-17.9938615	-15.71534937	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
2484000000	0.471238898	-3.089232776	-17.36565609	-14.86927516	-15.70627449	-19.6678258	0.1354307	0.1805254	0.1639405	0.1038984	-10.69541
2484000000	0.471238898	-3.036872899	-16.13469441	-12.53046829	-13.420313492	-26.58307443	0.1560505	0.236307	0.2133012	0.0468647	-9.728677
2484000000	0.471238898	-2.984513021	-13.77927506	-11.04828442	-11.40779562	-28.11661389	0.2046615	0.2802759	0.268912	0.0392798	-8.803372
2484000000	0.471238898	-2.932153143	-11.65659642	-10.25907228	-9.7199197	-19.44550173	0.2613185	0.306935	0.3265881	0.1065921	-6.008156
2484000000	0.471238898	-2.879793266	-10.02246848	-9.881107698	-8.354522874	-14.69450169	0.3154108	0.320586	0.3821852	0.1841938	-4.419795
2484000000	0.471238898	-2.827433388	-8.855501688	-5.972691475	-7.295786225	-11.63558936	0.3607654	0.3321738	0.4172785	0.2619513	-3.181457
2484000000	0.471238898	-2.775073511	-8.116670253	-9.096958938	-6.521588216	-9.551187253	0.3279955	0.3508747	0.4719767	0.3329972	-2.221567
2484000000	0.471238898	-2.722713633	-7.783359278	-8.504967069	-6.00298814	-8.140579544	0.4081615	0.3756225	0.5010143	0.3917157	-1.523456
2484000000	0.471238898	-2.670353756	-7.837406986	-8.026857848	-5.702770844	-7.242771592	0.4056296	0.3968781	0.5186346	0.4343716	-1.132515
2484000000	0.471238898	-2.617993878	-8.233399296	-7.833217584	-5.574201817	-6.760598633	0.387552	0.4058253	0.5263685	0.4591664	-1.017509
2484000000	0.471238898	-2.565634	-8.834535097	-7.94028501	-5.562484016	-6.636985232	0.3616373	0.4008536	0.5270791	0.4657477	-1.133485
2484000000	0.471238898	-2.513274123	-9.320153529	-8.216976743	-5.610806852	-6.847753002	0.3419734	0.3882855	0.5241549	0.4545821	-1.365779
2484000000	0.471238898	-2.460914245	-9.232806075	-8.439909916	-5.671183272	-7.39837543	0.3454297	0.3784465	0.5205241	0.4266593	-1.560761
2484000000	0.471238898	-2.408554368	-8.397467008	-8.429611556	-5.714800903	-8.3165677	0.3803003	0.3788955	0.5179167	0.3838589	-1.613357
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2484000000	0.471238898	-2.303834613	-5.873913245	-7.850594519	-5.728881095	-11.239331301	0.5085157	0.4050142	0.5170779	0.2741785	-1.387201
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2484000000	0.471238898	-1.93731547	-3.1367941	-4.029640028	-3.35594444	-4.721196051	0.6968837	0.6288079	0.6655839	0.5806845	2.184684
2484000000	0.471238898	-1.884955592	-3.387838834	-3.624768025	-2.94544848	-4.721196051	0.6770302	0.6588121	0.712406	0.641368	2.5732068
2484000000	0.471238898	-1.832595715	-3.722912172	-3.32112437	-2.402604763	-3.234077047	0.65141	0.6822504	0.7583501	0.6891221	2.8836337
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2484000000	0.471238898	-1.72787596	-4.499457935	-2.71654035	-1.52714897	-2.5741377	0.5956993	0.7314303	0.8387693	0.7435208	3.2555278
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2484000000	0.471238898	-1.413716694	-3.909832363	-0.534463431	0.325292241	-2.731704524	0.6375414	0.9403225	1.0381608	0.7301545	4.4703839
2484000000	0.471238898	-1.361356817	-3.469544215	-0.227043484	0.701083252	-2.502771086	0.6706915	0.9741993	1.0851984	0.749655	4.8103466
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2484000000	0.471238898	-1.256637061	-2.773925302	0.491259862	1.554896097	-1.59923327	0.726614	1.0581884	1.1960375	0.8318372	5.6040005
2484000000	0.471238898	-1.204277184	-2.538832169	0.836327069	1.979924499	-1.032993281	0.7465491	1.1010736	1.256019	0.888782	6.0021526
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2484000000	0.471238898	-1.099557429	-2.248146707	1.228228116	2.740627137	0.038558537	0.7719562	1.1518911	1.3709807	1.0044491	6.6473088
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2484000000	0.471238898	-0.994837674	-2.134228198	1.103206393	3.280653401	0.805309737	0.7821474	1.1354299	1.458924	1.0971487	6.99264
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2484000000	0.471238898	-0.890117919	-2.226045204	0.819513904	3.520113739	1.16227279	0.773923	1.0989443	1.4997045	1.1431774	7.0739964
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2484000000	0.471238898	-0.732308286	-2.962339372	0.873234021	3.254803424	1.0373240					

2484000000	0.471238898	1.989675347	-4.27231773	-4.643599529	-5.971091398	-4.359289691	0.6114826	0.5858953	0.5028581	0.6053904	1.2351788
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2484000000	0.471238898	2.199114858	-5.09567907	-4.499535354	-5.502138363	-4.118759798	0.5561809	0.4731766	0.5307538	0.6223891	0.7584865
2484000000	0.471238898	2.251474735	-5.488072202	-7.804598859	-5.418249586	-4.316240758	0.531614	0.4047166	0.5359046	0.6083983	0.5352554
2484000000	0.471238898	2.303834613	-5.992393234	-9.502226974	-5.507351642	-4.700270961	0.5016263	0.3348796	0.5304353	0.5820851	-0.224246
2484000000	0.471238898	2.35619449	-6.536301133	-11.37031394	-5.793835996	-5.282360228	0.4711779	0.2700749	0.5132255	0.5435457	-0.920783
2484000000	0.471238898	2.408554368	-6.987891759	-12.49417079	-6.273288546	-5.053568455	0.4473067	0.2327296	0.4856636	0.4981058	-1.574739
2484000000	0.471238898	2.460914245	-7.207934788	-11.81522615	-6.913619542	-6.965134275	0.4361172	0.2565894	0.4511148	0.4484802	-1.979912
2484000000	0.471238898	2.513274123	-7.148214145	-10.08666811	-7.656491533	-7.883572727	0.4391261	0.3130881	0.4141669	0.4034794	-2.103378
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2484000000	0.575958653	-1.72787596	-5.152870289	-3.597616118	-1.626199922	-1.412830647	0.5525308	0.6608748	0.8292586	0.8498817	-3.2050053
2484000000	0.575958653	-1.675516082	-5.629124039	-3.238242713	-0.19132596	-1.247547873	0.5230507	0.6887916	0.8451508	0.8662088	-3.2965766
2484000000	0.575958653	-1.623156204	-6.043883426	-2.827789555	-1.329168193	-1.207403729	0.4986615	0.7221219	0.8581073	0.8702215	-3.373226
2484000000	0.575958653	-1.570796327	-6.298158987	-2.410708958	-1.196257641	-1.268971826	0.484275	0.7576429	0.8713389	0.8640749	-3.4559447
2484000000	0.575958653	-1.518436449	-6.308056007	-2.035771247	-1.031888725	-1.395161255	0.4837235	0.7910263	0.8879849	0.8516123	-3.5633727
2484000000	0.575958653	-1.466076572	-6.056539615	-1.721002994	-0.813845621	-1.532446526	0.4979354	0.8022568	0.9105582	0.8382579	-3.7136994
2484000000	0.575958653	-1.413716694	-5.606939916	-1.442837078	-0.532458514	-1.615125941	0.5243883	0.8469507	0.9405396	0.8303166	-3.9240633
2484000000	0.575958653	-1.361356817	-5.061166905	-1.152337543	-0.191323673	-1.580865423	0.5583952	0.875576	0.9782139	0.8335981	-4.2062718
2484000000	0.575958653	-1.308996939	-4.508832339	-0.808338884	0.195517316	-1.39426121	0.5905067	0.9111357	1.022765	0.8517006	-4.594249
2484000000	0.575958653	-1.256637061	-4.004961826	-0.407607714	0.608324032	-1.063122991	0.630597	0.9541565	1.0725467	0.8847974	-4.9646106
2484000000	0.575958653	-1.204277184	-3.572674916	0.008778039	1.026160086	-0.633223404	0.6627752	1.0010111	1.1254028	0.9296914	-5.3876448
2484000000	0.575958653	-1.151917306	-3.214941019	0.376014281	1.026817773	-0.166361479	0.6906419	1.0442409	1.1789378	0.9810292	-5.7892145
2484000000	0.575958653	-1.099557429	-2.926394285	0.636593253	1.830322946	0.280855253	0.7139705	1.0760431	1.230697	1.0328631	-6.1361616
2484000000	0.575958653	-1.047197551	-2.702241311	0.76430153	2.103423709	0.667363513	0.7326355	1.091981	1.2782717	1.0798618	-6.4086382
2484000000	0.575958653	-0.994837764	-2.543452011	0.774007995	2.407358518	0.96836069	0.7461522	1.093202	1.319374	1.1719388	-6.6015087
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2484000000	0.575958653	1.832595512	-3.1988331	-4.243076642	-5.84097424	-4.559636754	0.6919239	0.6135446	0.5104477	0.5915864	1.6107357
2484000000	0.575958653	1.884955592	-3.730476447	-4.275481628	-6.292846456	-4.866428016	0.6508429	0.6112599	0.4845713	0.5710559	1.2806569
2484000000	0.575958653	1.937315147	-4.138577647	-4.374515267	-6.583637135	-4.943796911	0.6209707	0.6043301	0.4686171	0.5659918	1.0612219
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2484000000	0.575958653	2.042035225	-4.494117806	-4.867476451	-6.547714489	-4.496124173	0.5906507	0.5709869	0.4705592	0.595928	0.9592741
2484000000	0.575958653	2.094395102	-4.523583635	-5.333407036	-6.327876163	-4.182072958	0.594047	0.5411649	0.482621	0.6178689	0.9667678
2484000000	0.575958653	2.14675498	-4.57283079	-6.006193071	-6.113333074	-3.966005	0.5906884	0.50083	0.4946902	0.6334316	0.905052
2484000000	0.575958653	2.199114858	-4.731775139	-6.940725629	-5.997314896	-3.929290382	0.5799776	0.4497423	0.5013422	0.631148	0.6972872
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2484000000	0.575958653	2.303834613	-5.568820223	-9.754460942	-5.275758843	-4.554204941	0.5266947	0.3252947	0.4865327	0.5919564	-0.35073
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2484000000	0.575958653	2.513274123	-7.300120802	-9.237410629	-8.187630264	-8.303709432	0.4315131	0.3452466	0.3895996	0.3844276	-2.209558
2484000000	0.575958653	2.565634	-7.029589602	-7.638843154	-8.607334995	-9.020046998	0.4451645	0.4150093	0.3712216	0.3539954	-2.017873
2484000000	0.575958653	2.617993878	-6.615321319	-6.594164228	-8.978297685	-9.00030154	0.4669108	0.4680495	0.355701	0.3548011	-1.694841
2484000000	0.575958653	2.670353756	-6.242385522	-6.137752981	-9.397976137	-8.299149607	0.4873946	0.4933014	0.3389231	0.3846294	-1.389941
2484000000	0.575958653	2.722113633	-6.029003645	-6.213272359	-9.987721996	-7.380637662	0.4995165	0.4890301	0.3166751	0.4275315	-1.245861
2484000000	0.575958653	2.775073511	-6.037250543	-6.730640765	-10.860042	-6.654407138	0.4990424	0.4607528	0.2864164	0.4648145	-1.354567
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2484000000	0.628318531	-3.089232776	-17.90692545	-14.65763602	-15.71641332	-19.97933371	0.1272488	0.1489772	0.1637493	0.1002382	-10.80893
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2484000000	0.628318531	-2.199114858	-5.699533752	-6.73889729	-6.73889729	-11.35362423	0.5188279	0.4640429	0.5135396	0.2705944	-1.093668
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2484000000	0.628318531	-1.518436449	-6.883075723	-2.314970933	-1.496704381	-1.086731651	0.4527372	0.76604	0.8417144	0.8823958	-3.354873
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2484000000	0.628318531	-1.361356817	-5.67798386	-1.484785502	-1.07400876	-1.297327958	0.5201167	0.8428702	0.9221457	0.8612587	-3.9356549
2484000000	0.628318531	-1.308996939	-5.049220221	-1.163134209	-0.324411234	-1.161406931	0.5591637	0.8746681	0.9633397	0.8748421	-4.2750191
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2484000000	0.733038286	-1.989675347	-5.235767002	-5.324951328	-3.751375502	-5.690665329	0.5472826	0.541692	0.6492788	0.5193579	1.0523896
2484000000	0.733038286	-1.93731547	-5.200032721	-4.950139966	-3.365434692	-4.618749283	0.5495388	0.5655786	0.6787788	0.585774	1.5163031
2484000000	0.733038286	-1.884955592	-5.239568376	-4.504938152	-3.061585955	-3.731897784	0.5470431	0.5953236	0.702944	0.6507364	1.9244565
2484000000	0.733038286	-1.832595715	-5.332498568	-4.081496427	-2.848407973	-3.000909449	0.5412215	0.625065	0.7204098	0.7078717	2.2607012
2484000000	0.733038286	-1.780235837	-5.470956009	-3.730389077	-2.719786463	-2.408848909	0.5326626	0.6508495	0.7311571	0.7578052	2.5176707
2484000000	0.733038286	-1.72787596	-5.650360709	-3.449045192	-2.658515017	-1.94741485	0.5217334	0.6722762	0.7364771	0.7991518	2.7016301
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2484000000	0.733038286	-1.623156204	-6.054698064	-2.934177356	-2.606224953	-1.397112492	0.498041	0.7133311	0.7407792	0.851421	2.9336351
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2484000000	0.733038286	-1.518436449	-6.17703879	-2.347420529	-2.432906578	-1.264804801	0.4910753	0.7631835	0.7557091	0.8644896	3.1505178
2484000000	0.733038286	-1.466076572	-5.978574739	-2.079860143	-2.243662133	-1.283662133	0.502425	0.7870805	0.7723543	0.8626148	3.3002916
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2484000000	0.733038286	-1.308996939	-4.465470332	-1.364440312	-1.313971591	-1.082312251	0.5980348	0.8546297	0.8596099	0.8828448	4.0691471
2484000000	0.733038286	-1.256637061	-3.871872086	-1.022689393	-0.943589341</						

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2484000000	0.733038286	2.460914245	-6.783147477	-11.68833692	-10.13351758	-8.092524708	0.4579759	0.2603653	0.311404	0.3938889	-2.952632
2484000000	0.733038286	2.513274123	-7.085517227	-9.260241934	-9.431272816	-7.746929	0.4423073	0.3443403	0.3376264	0.3334776	-2.746929
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2484000000	0.733038286	2.617993878	-6.723505148	-6.248808364	-8.475966166	-9.688299301	0.4611314	0.4870304	0.3768788	0.327782	-1.656054
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2484000000	0.785398163	-3.089232776	-18.32433209	-14.53619556	-15.73380212	-20.01016832	0.1212784	0.1875816	0.1634218	0.099883	-10.87018
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2484000000	0.785398163	2.14675498	-5.222803395	-10.5875235	-8.506818466	-3.216528132	0.5481	0.2955451	0.3755425	0.6905158	-0.401281
2484000000	0.785398163	2.199114858	-5.091594964	-12.53557304	-9.468346275	-3.223365531	0.5564424	0.2361682	0.3361884	0.6899724	-0.825038
2484000000	0.785398163	2.251474735	-5.059754467	-14.50272048	-10.6529186	-3.569122433	0.558486	0.1883059	0.2933284	0.6630463	-1.395457
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2484000000	0.890117919	-2.565634	-7.747142264	-5.785506295	-6.122044415	-6.63893059	0.4908669	0.5237179	0.4941739	0.4656434	-0.521739
2484000000	0.890117919	-2.513274123	-9.529024944	-5.62674244	-5.885694019	-7.024722485	0.333848	0.5131941	0.5078264	0.445414	-0.865673
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2484000000	0.890117919	-2.199114858	-8.205185206	-5.321896399	-5.022148998	-7.756440354	0.388813	0.5418826	0.5609092	0.4904284	-0.440806
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2484000000	0.890117919	-1.884955592	-5.591984871	-4.0037327	-4.485409688	-4.276766243	0.525292	0.6306863	0.5966636	0.6111695	1.4516562
2484000000	0.890117919	-1.832595715	-5.635637078	-3.444424806	-4.40818391	-3.745519366	0.5226587	0.6726339	0.6019921	0.6497167	1.7520844
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2484000000	0.890117919	-1.570796327	-4.702443953	-1.62493856	-3.914223442	-2.4					

2484000000	0.890117919	1.151917306	0.478051164	-2.604687258	-1.701318045	1.326571298	1.0565804	0.7409103	0.8221179	1.1650071	5.5398358
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2484000000	0.890117919	1.93731547	-4.405952612	-4.860437952	-4.192586215	-4.103796738	0.6021468	0.5714498	0.6171215	0.6234623	1.6347944
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2484000000	0.942477796	1.099557429	0.493617637	-2.288949372	-1.147124076	1.948698041	1.0584757	0.7683384	0.8762818	1.2515117	5.9214679
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2484000000	0.942477796	1.57096327	-1.02033035	-5.019431751	-2.610667935	-0.062937474	0.8891673	0.5610847	0.7404003	0.9927802	4.0373132
2484000000	0.942477796	1.623156204	-1.279406375	-5.444795387	-2.747200444	-0.407479313	0.8630375	0.5342693	0.7288531	0.9541706	3.7513464
2484000000	0.942477796	1.675516082	-1.573937041	-5.602278365	-2.845388867	-0.85920123	0.8342633	0.5246698	0.7206602	0.9058159	3.4794776
2484000000	0.942477796	1.72787596	-1.920962207	-5.4697233	-2.913590967	-1.431324916	0.8015893	0.5327382	0.7150237	0.848074	3.2196447
2484000000	0.942477796	1.780235837	-2.340660088	-5.13555701	-2.972064398	-2.107611179	0.7637777	0.5536332	0.7102263	0.7845479	2.9602784
2484000000	0.942477796	1.832595715	-2.851811323	-4.759226631	-3.05186117	-2.822275046	0.7201276	0.5781475	0.7037314	0.7225805	2.6854138
2484000000	0.942477796	1.884955592	-3.463632079	-4.501342823	-3.192316332	-3.446153818	0.6711481	0.5955701	0.6924432	0.6725	2.3840006
2484000000	0.942477796	1.93731547	-4.1622117991	-4.478821342	-3.438475482	-3.818337585	0.61929	0.5971163	0.6730948	0.6442926	2.0548252
2484000000	0.942477796	1.989675347	-4.890503512	-4.752690738	-3.839536713	-4.350321827	0.5694752	0.5785827	0.642722	0.6471249	1.7004744
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2484000000	0.942477796	2.094395102	-5.941846696	-6.169508614	-5.323328648	-3.350052254	0.504554	0.4915012	0.5417932	0.679982	0.8979666
2484000000	0.942477796	2.14675498	-6.018801374	-7.186253653	-6.523466725	-3.20603864	0.5001035	0.4372072	0.4718747	0.6913502	0.6260009
2484000000	0.942477796	2.199114858	-5.814343541	-8.267796745	-8.093977241	-3.338389751	0.5120152	0.3862003	0.3938231	0.6808956	-0.1191491
2484000000	0.942477796	2.251474735	-5.492489036	-9.300967166	-9.840350529	-3.835791147	0.5133437	0.3427296	0.3168095	0.6429992	-0.753172
2484000000	0.942477796	2.303834613	-5.223017039	-10.20829239	-11.77554949	-4.757975449	0.5480866	0.3087347	0.2577642	0.5782308	-1.448404
2484000000	0.942477796	2.35619449	-5.116705842	-10.9362034	-12.41644741	-6.149592237	0.5548361	0.283916	0.2394295	0.496295	-2.098121
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2484000000	0.942477796	2.827433388	-5.938576412	-6.455210797	-10.82620542	-5.017226493	0.504744	0.4755974	0.2875343	0.5561272	-0.775387
2484000000	0.942477796	2.879793266	-6.117984991	-6.898915085	-13.22021838	-5.151529357	0.49444254	0.4472025	0.2182675	0.5625161	-1.34793
2484000000	0.942477796	2.9325153143	-6.709000956	-7.992947739	-16.54423121	-5.881239572	0.4619021	0.3984305	0.1488636	0.5080869	-2.399267
2484000000	0.942477796	2.984513021	-7.827989473	-9.75268785	-20.90328465	-7.239810432	0.4060696	0.3253611	0.090123	0.4345197	-4.040299
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2484000000	0.942477796	1.780235837	-6.770914271	-2.736213542	-4						

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2484000000	0.994837674	3.141592654	-16.02820956	-17.67380951	-17.99386106	-15.71534942	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
2484000000	0.994837674	3.089232776	-16.87635314	-14.56017957	-15.75296906	-19.54153819	0.1164615	0.1870643	0.1630615	0.10542	-10.87257
2484000000	0.994837674	3.089232776	-15.6871607	-11.77301647	-14.1272533	-19.6023351	0.1643017	0.2578393	0.1966244	0.1046847	-8.832429
2484000000	0.994837674	2.984513021	-12.31407437	-9.92828757	-12.85566517	-16.47487045	0.2422681	0.3188494	0.2276233	0.1500571	-6.569157
2484000000	0.994837674	2.9325153143	-10.04851576	-8.715003157	-11.789586	-13.548671	0.3144664	0.3666484	0.257663	0.2101679	-4.814609
2484000000	0.994837674	2.879793266	-8.590008553	-7.945332533	-10.81140868	-11.30503438	0.3719629	0.4006207	0.2880246	0.2721124	-3.525818
2484000000	0.994837674	2.827433388	-7.682918807	-7.528966669	-9.914163297	-9.683133875	0.4129087	0.40202925	0.3193683	0.3279769	-2.612159
2484000000	0.994837674	2.775073511	-7.183194624	-7.383005475	-9.074370463	-8.601155643	0.4373612	0.427415	0.3517884	0.3714858	-2.003315
2484000000	0.994837674	2.722713633	-7.028905639	-7.37028485	-8.291237228	-7.963302923	0.4451996	0.4280414	0.38498	0.3997927	-1.628838
2484000000	0.994837674	2.670353756	-7.221455666	-7.290045987	-7.569066739	-7.638128655	0.4354389	0.4320139	0.4183566	0.4150435	-1.407265
2484000000	0.994837674	2.617993878	-7.81306583	-6.964624521	-6.914850959	-7.451311822	0.4067679	0.4485065	0.451084	0.4240669	-1.257542
2484000000	0.994837674	2.565634	-8.899676667	-6.389656964	-6.337419502	-7.219686267	0.3589353	0.4792004	0.482091	0.4355276	-1.131325
2484000000	0.994837674	2.513274123	-10.615341	-5.751264793	-6.846277763	-6.833674137	0.2946011	0.5157471	0.5101362	0.4535195	-1.0327
2484000000	0.994837674	2.460914245	-13.06260815	-5.269147542	-5.449729408	-6.312872458	0.2222642	0.5451834	0.5339659	0.4834554	-0.988473
2484000000	0.994837674	2.408554368	-15.70480514	-5.061802513	-5.152687156	-5.760004774	0.1639682	0.5583543	0.5525424	0.5152284	-0.963806
2484000000	0.994837674	2.35619449	-15.8437837	-5.103568538	-4.954721966	-5.272678246	0.1613655	0.5565759	0.5652804	0.5449618	-0.78448
2484000000	0.994837674	2.303834613	-13.21181339	-5.234851837	-4.848718102	-4.898927308	0.2184788	0.5473403	0.5722214	0.5689232	-0.413751
2484000000	0.994837674	2.251474735	-10.62139584	-5.250733287	-4.820422866	-4.63850458	0.2943948	0.5463404	0.5740885	0.5862391	0.0046148
2484000000	0.994837674	2.199114858	-8.748402699	-5.072104515	-4.849191362	-4.459907965	0.3652413	0.5576925	0.5721902	0.5984179	0.3970333
2484000000	0.994837674	2.14675498	-7.505682073	-4.809661615	-4.9102251763	-4.31789677	0.4214207	0.5748002	0.5681819	0.6082823	0.719336
2484000000	0.994837674	2.094395102	-6.755622132	-4.622111281	-4.978481331	-4.168570498	0.4594295	0.5873466	0.5637362	0.6188302	0.9429359
2484000000	0.994837674	2.042035225	-6.389463697	-4.569528252	-5.032890565	-3.981298246	0.479211	0.5909131	0.560216	0.6323173	1.017776
2484000000	0.994837674	1.989675347	-6.319357519	-4.577419598	-5.062169655	-3.745197283	0.4830945	0.5903764	0.5584593	0.6497408	1.1444608
2484000000	0.994837674	1.93731547	-6.462556204	-4.481504266	-5.055679842	-3.467933882	0.4751954	0.5969319	0.558748	0.6708158	1.220341
2484000000	0.994837674	1.884955592	-6.724977607	-4.14007375							

2484000000	1.047197551	0.837758041	0.508670785	-2.779121072	-0.665669733	2.738907627	1.0603117	0.7261794	0.926225	1.3707094	6.19989828
2484000000	1.047197551	0.890117919	0.511450646	-2.483770304	-0.632778399	2.817449853	1.0606511	0.7512967	0.9297391	1.3831602	6.2875751
2484000000	1.047197551	0.942477796	0.530962348	-2.263103886	-0.61230209	2.86218405	1.0630364	0.706268	0.9318368	1.3903022	6.3524994
2484000000	1.047197551	0.994836764	0.544813913	-2.085902715	-0.617968244	2.866481965	1.064733	0.7865111	0.9313257	1.3909093	6.3895334
2484000000	1.047197551	1.047197551	0.53689546	-1.92742637	-0.657284739	2.822277753	1.0637627	0.8009299	0.9271196	1.3839292	6.3942033
2484000000	1.047197551	1.099557429	0.499265711	-1.772376934	-0.739711534	2.724676574	1.0591642	0.8154496	0.9183631	1.3684654	6.364215
2484000000	1.047197551	1.151971306	0.431413994	-1.624422998	-0.871518826	2.575187988	1.0509225	0.8240269	0.9045323	1.3451149	6.2984357
2484000000	1.047197551	1.204277184	0.373865956	-1.507291041	-1.056012776	2.38283645	1.0396647	0.8406892	0.885522	1.3156544	6.1958605
2484000000	1.047197551	1.256637061	0.225172259	-1.455699988	-1.262815653	2.162815653	1.0262629	0.8456974	0.8617283	1.2827463	6.0562147
2484000000	1.047197551	1.308996939	0.099296476	-1.499847203	-1.575423106	1.932753348	1.0114975	0.8414099	0.8341206	1.2492164	5.8801403
2484000000	1.047197551	1.361356817	-0.035896721	-1.660140414	-1.816857834	1.707309154	0.9958758	0.8260246	0.804279	1.2172098	5.6736873
2484000000	1.047197551	1.413716694	-0.178943503	-1.946708111	-2.221288198	1.492632092	0.9796091	0.7992168	0.7743469	1.1874945	5.4383819
2484000000	1.047197551	1.466076572	-0.330382873	-2.358977107	-2.53542681	1.282601665	0.9626776	0.7621688	0.7468419	1.1591245	5.179477
2484000000	1.047197551	1.518436449	-0.492488379	-2.882665428	-2.801953199	1.058178736	0.9448777	0.7175741	0.7242731	1.129559	4.9010786
2484000000	1.047197551	1.570796327	-0.669705969	-3.484923741	-2.992177198	0.790082298	0.9257947	0.669505	0.7085837	1.0952269	4.6067053
2484000000	1.047197551	1.623156204	-0.869799595	-4.107387272	-3.091249826	0.444040848	0.9047113	0.6232046	0.7005474	1.0524514	4.2992987
2484000000	1.047197551	1.675516082	-1.105128341	-4.658810431	-3.10610857	-0.01218324	0.8805288	0.5848702	0.6993572	0.9985983	3.9823576
2484000000	1.047197551	1.72787596	-1.393297953	-5.024232893	-3.065720728	-0.599898834	0.851795	0.5607746	0.7026094	0.9332652	3.6609562
2484000000	1.047197551	1.780235837	-1.756487806	-5.119194298	-3.051400731	-0.317053105	0.8169126	0.5456772	0.7066917	0.859305	3.3392132
2484000000	1.047197551	1.832595715	-2.218917231	-4.966462021	-3.006718734	-2.120159754	0.7745583	0.5645168	0.7073984	0.7834152	3.0147875
2484000000	1.047197551	1.884955592	-2.801573738	-4.701447777	-3.091011793	-2.905065691	0.7243047	0.5820662	0.7005666	0.7517259	2.6790876
2484000000	1.047197551	1.93731547	-3.51221727	-4.48919822	-3.163232924	-3.514136079	0.6674045	0.5964034	0.6826276	0.6672571	2.3244902
2484000000	1.047197551	1.989675347	-4.3271234	-4.447548562	-3.727419869	-3.815287918	0.6076365	0.59927	0.651072	0.645188	1.9468725
2484000000	1.047197551	2.042035225	-5.162687682	-4.625448263	-4.36674865	-3.820125831	0.5519066	0.587121	0.6048707	0.6441599	1.5042984
2484000000	1.047197551	2.094395102	-5.853336598	-5.014776452	-5.273431881	-3.695732229	0.5097218	0.5613855	0.5449146	0.6354515	1.0979018
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2484000000	1.047197551	2.199114858	-6.10339277	-6.232783386	-4.945971057	-3.865136258	0.4952567	0.4879337	0.4005912	0.6408305	0.106237
2484000000	1.047197551	2.251474735	-5.700981771	-6.946006819	-5.914057082	-4.444307579	0.5187414	0.4494689	0.3344238	0.5994937	-0.435806
2484000000	1.047197551	2.303834613	-5.22449747	-7.686847892	-6.107624615	-5.473778928	0.5479931	0.412722	0.2925416	0.5324895	-0.984205
2484000000	1.047197551	2.35619449	-4.867770857	-8.470002863	-7.10793477	-7.017334447	0.5709676	0.3771376	0.2886198	0.445793	-1.501405
2484000000	1.047197551	2.408554368	-4.7383244	-9.280357276	-9.942577673	-9.092824344	0.5795405	0.3434378	0.3183253	0.3510418	-1.979855
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2484000000	1.047197551	2.513274123	-5.249075212	-9.991574346	-7.866789446	-12.87236725	0.5464447	0.3165347	0.4042598	0.227186	-2.531116
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2484000000	1.047197551	2.617993878	-6.304416304	-8.325865781	-7.106562881	-9.699087016	0.4893623	0.3834482	0.4412369	0.3273751	-1.745006
2484000000	1.047197551	2.670353756	-6.621356632	-7.472267415	-7.343819292	-7.676605078	0.4665865	0.4230451	0.4293476	0.413209	-1.248699
2484000000	1.047197551	2.722713633	-6.628154398	-6.915461631	-8.011849477	-6.173320801	0.4662215	0.4510991	0.3975644	0.4912855	-0.885425
2484000000	1.047197551	2.775073511	-6.423426952	-6.627441303	-9.145327505	-5.223233492	0.47773409	0.4662598	0.3489262	0.5480729	-0.721413
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2484000000	1.047197551	3.089232776	-12.15044477	-16.20603117	-21.10772508	-11.99061327	0.2468754	0.1547742	0.0880266	0.2514602	-0.8622638
2484000000	1.047197551	3.141592654	-16.02820956	-17.67380951	-17.99386106	-15.71534942	0.1579754	0.1307102	0.1259815	0.1637693	-0.177549
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2484000000	1.047197551	3.036872899	-15.48031544	-11.84010406	-14.17601997	-19.07872555	0.1682613	0.2585855	0.1955235	0.1111895	-8.744275
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2484000000	1.047197551	2.827433388	-7.715141272	-7.59926433	-9.943238206	-9.943238206	0.4113798	0.4169047	0.3030958	0.3183011	-2.795149
2484000000	1.047197551	2.775073511	-7.38243485	-7.48747626	-9.524119364	-8.999613586	0.427443	0.422305	0.3340366	0.3548292	-2.278008
2484000000	1.047197551	2.722713633	-7.399204596	-7.58276753	-8.494913493	-8.494913493	0.4266186	0.4176973	0.3681468	0.3780327	-1.989852
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2484000000	1.047197551	2.617993878	-8.42646987	-7.442130592	-7.14235111	-7.973895206	0.3790325	0.4245154	0.4408474	0.4039292	-1.679746
2484000000	1.047197551	2.565634	-9.530144242	-6.819190916	-6.457063162	-7.467075262	0.333805	0.4560709	0.475496	0.423298	-1.469661
2484000000	1.047197551	2.513274123	-11.13325719	-6.006524478	-5.912362708	-6.867460144	0.2775474	0.5008109	0.5062696	0.4535519	-1.218706
2484000000	1.047197551	2.460914245	-13.20783058	-5.317250711	-5.488881195	-6.167792091	0.218579	0.5421725	0.5315645	0.4915983	-0.99312
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2484000000	1.047197551	2.35619449	-14.8824787	-4.88241288	-4.99363402	-4.977997096	0.1802503	0.5700059	0.5627536	0.5637676	-0.552344
2484000000	1.047197551	2.303834613	-12.78261455	-5.014570444	-4.895309317	-4.613748181	0.2295458	0.5613988	0.5691602	0.5879124	-0.228744
2484000000	1.047197551	2.251474735	-10.56176697	-5.115432739	-4.867280018	-4.397488789	0.2964228	0.5549174	0.5709999	0.6027388	0.1082178
2484000000	1.047197551	2.199114858	-8.844814037	-5.037208657	-4.285485631	-4.285485631	0.3612096	0.5599375	0.5700444	0.6105563	0.4310124
2484000000	1.047197551	2.14675498	-7.650515636	-4.826571974	-4.910658411	-4.223058294	0.414452	0.5736822	0.5681553	0.6149603	0.7135961
2484000000	1.047197551	2.094395102	-6.895139831	-4.640870921	-4.929571716	-4.158425548	0.4521089	0.5860794	0.5669195	0.6195534	0.9246775
2484000000	1.047197551	2.042035225	-6.494194743	-4.581320623	-4.922691098	-4.053624785	0.4734676	0.5901114	0.5673688	0.627074	1.0539623
2484000000	1.047197551	1.989675347	-6.370828717	-4.6180301							

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2484000000	1.099557429	0.785398163	0.440445147	-3.083691004	-0.446760213	2.764540597	1.0520158	0.7011573	0.9498652	1.3747605	6.1879158
2484000000	1.099557429	0.837158041	0.438615016	-2.669070991	-0.455282002	2.909313378	1.0517941	0.7354387	0.9489338	1.3978664	6.3068788
2484000000	1.099557429	0.890117919	0.482008932	-2.367246955	-0.474570652	3.019923826	1.057062	0.7614434	0.9468288	1.4157814	6.4052346
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2484000000	1.099557429	1.256637061	0.313954319	-1.271860689	-1.530894424	2.534651545	1.0368065	0.8637876	0.8384077	1.338852	6.1880333
2484000000	1.099557429	1.308996939	0.193374768	-1.29485487	-1.887087436	2.306991829	1.0225128	0.8615039	0.8047215	1.3042162	6.0052872
2484000000	1.099557429	1.361356817	0.067397427	-1.422501931	-2.283411949	2.076884325	1.0077896	0.8489359	0.7688284	1.2701184	5.7910484
2484000000	1.099557429	1.413716694	-0.061805172	-1.666491504	-2.694175228	1.851899534	0.9929097	0.8254208	0.733161	1.2376418	5.5505534
2484000000	1.099557429	1.466076572	-0.19505474	-2.03244716	-3.081958574	1.627635838	0.9777938	0.7913665	0.7012971	1.2060958	5.288217
2484000000	1.099557429	1.518436449	-0.335513554	-2.518575952	-3.402678878	1.386471678	0.9621091	0.7482922	0.6758745	1.1730691	5.0068014
2484000000	1.099557429	1.570796327	-0.488599048	-3.112337649	-3.617703921	1.099771158	0.9453008	0.6988486	0.6593482	1.1349809	4.7067265
2484000000	1.099557429	1.623156204	-0.662700428	-3.783249127	-3.709838964	0.732838199	0.9265417	0.6469006	0.6523911	1.0880326	4.3860991
2484000000	1.099557429	1.756156082	-0.870307646	-4.468343082	-3.693824822	0.251735926	0.9046584	0.5978371	0.6535951	1.0294062	4.0429435
2484000000	1.099557429	1.72787596	-1.128833075	-5.057727645	-3.613569405	-0.368084882	0.8781291	0.5586163	0.6596621	0.958508	3.6793841
2484000000	1.099557429	1.780235837	-1.460394666	-5.415366433	-3.580830362	-1.129689418	0.8452404	0.5360826	0.6661313	0.8780425	3.3033925
2484000000	1.099557429	1.832595715	-1.890013353	-5.466590015	-3.501079916	-1.996346156	0.8044505	0.5329304	0.6682608	0.7946625	2.9253043
2484000000	1.099557429	1.884955592	-2.441515881	-5.279772711	-3.585862403	-2.869200802	0.7549605	0.5445169	0.6617697	0.7186873	2.5418832
2484000000	1.099557429	1.93731547	-3.129483531	-5.024446409	-3.380854321	-3.585690639	0.6974705	0.5607608	0.6433648	0.6617828	2.1556561
2484000000	1.099557429	1.989675347	-3.943702217	-4.859143434	-4.277478661	-3.991299925	0.6350602	0.571535	0.6111194	0.6315896	1.7602547
2484000000	1.099557429	2.042035225	-4.821625985	-4.871526923	-4.962126385	-4.071892872	0.574009	0.5707207	0.5647987	0.6257565	1.3461975
2484000000	1.099557429	2.094395102	-5.615116366	-5.081070622	-5.913128061	-5.989518299	0.5238949	0.5571171	0.506725	0.6371192	0.9023747
2484000000	1.099557429	2.14675498	-6.101868833	-5.462906847	-7.134793998	-3.969425006	0.4953434	0.5331564	0.4398051	0.6331823	0.4299361
2484000000	1.099557429	2.199114858	-6.121953446	-5.971153516	-8.557013211	-4.196242533	0.4941995	0.5088485	0.3733784	0.6168618	-0.055356
2484000000	1.099557429	2.251474735	-5.744380583	-6.560855266	-9.920447443	-4.795584094	0.516156	0.4698478	0.3191373	0.5757326	-0.533407
2484000000	1.099557429	2.303834613	-5.213854183	-7.21319255	-10.69626022	-5.845937011	0.548665	0.4358533	0.2918683	0.5096278	-0.9829
2484000000	1.099557429	2.35619449	-4.765036696	-7.950092993	-10.48322766	-7.437041258	0.5777609	0.4004012	0.2991153	0.4247642	-1.401196
2484000000	1.099557429	2.408554368	-4.539947798	-8.793651556	-9.577439354	-9.534948004	0.5929289	0.3633435	0.3319923	0.3336204	-1.820198
2484000000	1.099557429	2.460914245	-4.599422702	-9.634755244	-8.55320598	-11.78612702	0.5888828	0.2980808	0.3735115	0.2574504	-2.215908
2484000000	1.099557429	2.513274123	-4.943796553	-10.10465804	-7.747585688	-12.80610597	0.5659918	0.3124403	0.409846	0.2289258	-2.39972
2484000000	1.099557429	2.565634	-5.510448355	-9.836468655	-7.78547268	-11.53170592	0.5302462	0.3222379	0.4325862	0.265103	-2.212995
2484000000	1.099557429	2.617993878	-6.15260637	-9.010444356	-7.180327063	-9.367993715	0.4924585	0.354387	0.4375056	0.3400951	-1.806493
2484000000	1.099557429	2.670353756	-6.645402577	-8.10851327	-7.46502753	-7.448397296	0.4652966	0.3931645	0.4233978	0.4422093	-1.380672
2484000000	1.099557429	2.722713633	-6.803412617	-7.39527626	-8.149381912	-6.028317846	0.4569086	0.4268116	0.391319	0.4995559	-1.038614
2484000000	1.099557429	2.775073511	-6.656818253	-6.920762727	-9.268137806	-5.132522045	0.4646855	0.4507771	0.3440725	0.5538267	-0.851126
2484000000	1.099557429	2.827433388	-6.440114328	-6.713974294	-10.88758358	-4.762792734	0.4764247	0.4616377	0.2855097	0.5779102	-0.908
2484000000	1.099557429	2.879793266	-6.417680603	-6.894565315	-13.12671497	-4.932734657	0.4776568	0.4521388	0.2206298	0.5667131	-1.324493
2484000000	1.099557429	2.9325153143	-6.791762632	-6.760002976	-16.18164841	-5.672293334	0.4575219	0.4135322	0.1552092	0.5204576	-2.232412
2484000000	1.099557429	2.984513021	-7.724068596	-9.303628533	-20.17492805	-7.031512455	0.4109572	0.3462646	0.0980062	0.4045066	-3.764118
2484000000	1.099557429	3.036872899	-9.396731372	-12.10979952	-23.16229099	-9.088836118	0.3389717	0.2480333	0.0694841	0.351203	-5.950443
2484000000	1.099557429	3.089232776	-12.08156968	-16.09589825	-21.08229465	-11.95929157	0.2488408	0.1567491	0.0882847	0.2523687	-8.562997
2484000000	1.099557429	3.141592654	-16.02820957	-17.6738095	-17.99386137	-15.71534959	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
2484000000	1.151917306	3.141592654	-16.02820989	-17.67380947	-17.99386137	-15.71534993	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
2484000000	1.151917306	3.089232776	-18.70382899	-14.65323009	-15.7499937	-19.23866706	0.1160937	0.1850711	0.1631174	0.1091608	-10.8508
2484000000	1.151917306	3.036872899	-15.26708358	-11.93080631	-14.21456331	-18.59415702	0.1724431	0.2531976	0.1946578	0.1175688	-8.661035
2484000000	1.151917306	2.984513021	-11.81085395	-10.14801776	-13.14118736	-15.69831644	0.2567186	0.3108845	0.2202625	0.1649098	-6.448259
2484000000	1.151917306	2.9325153143	-9.628370763	-8.955229935	-12.32463804	-13.25818655	0.3300513	0.3566469	0.2419739	0.2173155	-4.837002
2484000000	1.151917306	2.879793266	-8.356006396	-8.161538189	-11.59636273	-11.47035778	0.3821199	0.3907177	0.263137	0.2669821	-3.721641
2484000000	1.151917306	2.827433388	-7.726268541	-7.723464856	-10.83463432	-10.22734568	0.4108531	0.4019857	0.2872555	0.3080582	-2.992268
2484000000	1.151917306	2.775073511	-7.57468506	-7.635540378	-9.988282549	-9.436205771	0.4180861	0.4151671	0.3166547	0.3373447	-2.57238
2484000000	1.151917306	2.722713633	-7.796335689	-7.830175666	-9.079401347	-8.982871431	0.4075522	0.4059675	0.3515847	0.3555138	-2.380197
2484000000	1.151917306	2.670353756	-8.328806096	-8.085644213	-8.172239231	-8.693508745	0.3833184	0.3942011	0.390291	0.3675569	-2.296354
2484000000	1.151917306	2.617993878	-9.147526643	-8.016567275	-7.334082474	-8.349705779	0.3488379	0.3973486	0.4298292	0.3823972	-2.16695
2484000000	1.151917306	2.565634	-10.25493948	-7.375620739	-6.613248272	-7.793978943	0.3070811	0.4777785	0.4670223	0.4076628	-1.88654
2484000000	1.151917306	2.513274123	-11.63278329	-6.387440113	-6.034640061	-7.041685581	0.2620359	0.4923727	0.4991924	0.4444545	-1.488107
2484000000	1.151917306	2.460914245	-13.089735	-5.480805489	-5.603416995	-6.241869669	0.2215712	0.5320589	0.524601	0.4874236	-1.082484
2484000000	1.151917306	2.408554368	-13.98104738	-4.918057677	-5.309668758	-5.544748871	0.1999621	0.5676715	0.5426459	0.5281564	-0.73163
2484000000	1.151917306	2.35619449	-13.50624808	-4.745507394	-5.132021431	-5.031691339	0.2111969	0.5790614	0.5538586	0.5602933	-0.42539
2484000000	1.151917306	2.303834613	-11.95935054	-4.846279468	-5.040521187	-4.717564369	0.2523669	0.5723821	0.559724	0.5809273	-0.151579
2484000000	1.151917306	2.251474735	-10.23530848	-4.99914838	-5.000021112	-4.57335765	0.3077759	0.5623965	0.5623405	0.5906526	0.1000282
2484000000	1.151917306	2.199114858	-8.780384621	-5.006905507	-4.975006488	-4.54833355	0.3638989	0.5618944	0.5639618	0.5925272	0.3501926
2484000000	1.151917306	2.14675498	-7.689931767	-4.085683117	-4.935870372	-4.572881735	0.4125755	0.5740292	0.5665086	0.590685	0.5952526
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2484000000	1.151917306	0.62818357	0.771000517	-4.889448881	-0.21344811	2.048854716	1.092825	0.5695444	0.9757365	1.2660263	5.8098871
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2484000000	1.151917306	0.890117919	0.483479694	-2.265075737	-0.425098182	3.166434533	1.057241	0.7704531	0.9752331	1.4398651	6.4852297
2484000000	1.151917306	0.942477796	0.581437726	-2.038176927	-0.527136293	3.27156791	1.0692318	0.7908446	0.9411161	1.4573595	6.5647086
2484000000	1.151917306	0.994837674	0.657753214	-1.847322378	-0.650831333	3.33466301	1.0786677	0.8084141	0.9278087	1.468024	6.614188
2484000000	1.151917306	1.047197551	0.693132564	-1.672598805	-0.801188346	3.346972412	1.0830703	0.8248411	0.9181131	1.4701059	6.6282025
2484000000	1.151917306	1.099557429	0.681138006	-1.506383046	-0.9858368	3.301210502	1.0815756	0.8407766	0.9824231	1.462381	6.6025025
2484000000	1.151917306	1.151917306	0.625624003	-1.355187843	-1.220347302	3.19542461	1.074685	0.8555406	0.8689257	1.4446786	6.5354594
2484000000	1.151917306	1.204277184	0.536859462	-1.238238371	-1.505448245	3.03494406	1.0637583	0.8671332	0.8408675	1.41824	6.4236786
2484000000	1.151917306	1.256637061	0.42740615	-1.180099388	-1.848149255	3.282386756	1.0504737	0.8779614	0.8083371	1.3852549	6.2715684
2484000000	1.151917306	1.308996639	0.308521101	-1.201856019	-2.245367154	2.603712311	1.0361582	0.8077076	0.7720302	1.3495395	6.082466
2484000000	1.151917306	1.361356577	0.187794627	-1.318911845	-2.683217062	2.364641211	1.0218561	0.8592111	0.7342494	1.3129014	5.831128
2484000000	1.151917306	1.4131716694	0.068335744	-1.542236549	-3.133709662	1.236451317	1.0078986	0.8373137	0.6971312	1.2765932	5.6190817
2484000000	1.151917306	1.466076572	-0.050723235	-1.880519605	-3.555730274	1.877289977	0.9941773	0.8503303	0.6640694	1.241265	5.347938
2484000000	1.151917306	1.518436449	-0.17325206	-2.339813683	-3.900754785	1.609395593	0.9802512	0.7638522	0.638208	1.2035656	5.071308
2484000000	1.151917306	1.570796327	-0.305519971	-2.921627128	-4.128427812	1.251700064	0.9654371	0.7143625	0.6216968	1.1603393	4.7655291
2484000000	1.151917306	1.6235156204	-0.456451794	-3.617447239	-4.220514951	0.889009893	0.948806	0.6536767	0.6148123	1.1077723	4.436322
2484000000	1.151917306	1.6753156082	-0.63853602	-4.394363106	-4.21405498	0.365749011	0.929123	0.6029508	0.6155977	1.043875	4.0570624
2484000000	1.151917306	1.72787596	-0.868727205	-5.170104365	-4.148404848	-0.305408631	0.904283	0.5513456	0.6026882	0.9654495	3.6425166
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2484000000	1.204277184	0.942477916	0.646373187	-1.932747	-0.642829006	3.38159641	1.0727553	0.8005091	0.9286639	1.4759778	6.613157
2484000000	1.204277184	0.994837674	0.753852847	-1.750717425	-0.832262914	3.469941671	1.0906682	0.8174555	0.9086295	1.4910667	6.664551
2484000000	1.204277184	1.047197551	0.81004684	-1.580116209	-1.03761457	3.505542255	1.0977472	0.83367	0.8873997	1.4971907	6.6810441
2484000000	1.204277184	1.099557429	0.809662937	-1.177501516	-1.263728322	3.4802642	1.0796987	0.8494005	0.8645967	1.4982838	6.6792963
2484000000	1.204277184	1.151917306	0.758813109	-1.274156821	-1.518795034	3.390763551	1.0912912	0.8635503	0.8395765	1.4775364	6.5919504
2484000000	1.204277184	1.204277184	0.670505782	-1.169251877	-1.118515794	3.408020293	1.0802525	0.8740523	0.8117759	1.5252459	6.4821962
2484000000	1.204277184	1.256637061	0.560087062	-1.124542514	-2.1477071392	3.041277007	1.066608	0.8785629	0.7809917	1.419262	6.3307894
2484000000	1.204277184	1.308996399	0.441335582	-1.155658844	-2.523767701	2.807603575	1.0521236	0.8753275	0.747845	1.3815932	6.1432634
2484000000	1.204277184	1.361356817	0.323641059	-1.276126178	-2.929038571	2.554845987	1.0379634	0.8633635	0.7137532	1.3419684	5.9268277
2484000000	1.204277184	1.413716654	0.21105717	-1.491349535	-3.3379841	2.2918233917	1.0245958	0.8422335	0.6809274	1.3019407	5.687932
2484000000	1.204277184	1.466075912	0.102772912	-1.810872516	-3.35279958	2.01613348	1.018874	0.8118317	0.6513826	1.261266	5.497682
2484000000	1.204277184	1.518436449	-0.005769549	-2.244344304	-4.023184034	1.711905426	0.999336	0.7722942	0.6297575	1.2178541	5.150595
2484000000	1.204277184	1.570796327	-0.121408592	-2.801430364	-4.23522736	1.351053699	0.9861196	0.7243167	0.6140926	1.1682954	4.842934
2484000000	1.204277184	1.623156204	-0.25347252	-3.488375705	-4.350377705	0.897559529	0.9712306	0.669239	0.6060118	1.0806878	4.49434
2484000000	1.204277184	1.675516082	-0.414219919	-4.2974377	-4.396717354	0.314229871	0.9534034	0.6097171	0.6027874	1.0368394	4.089926
2484000000	1.204277184	1.72787596	-0.61986154	-5.183566519	-4.424808378	-0.42686032	0.9311227	0.5505816	0.600841	0.9518445	3.620827
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2484000000	1.204277184	2.14675948	-5.674226392	-6.232810149	-9.847820489	-4.949696045	0.5203418	0.4828469	0.321817	0.5960396	-0.349599
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2484000000	1.204277184	2.303834613	-5.248663461	-7.409955437	-11.72981212	-6.320470416	0.5464706	0.4260909	0.259125	0.5420396	-1.339998
2484000000	1.204277184	2.35619449	-4.673793277	-7.999813143	-10.8116129	-7.888885179	0.5838622	0.3981158	0.2880178	0.4032327	-1.549495
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2484000000	1.204277184	3.141592654	-16.02820999	-17.67380958	-19.73814368	-15.71534952	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
2484000000	1.204277184	3.141592654	-16.02820999	-17.67380958	-19.73814368	-15.71534952	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
2484000000	1.204277184	3.141592654	-16.02820999	-17.67380958	-19.73814368	-15.71534952	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
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2484000000	1.204277184	3.141592654	-16.02820999	-17.67380958	-19.73814368	-15.71534952	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
2484000000	1.204277184	3.141592654	-16.02820999	-17.67380958	-19.73814368	-15.71534952	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
2484000000	1.204277184	3.141592654	-16.02820999	-17.67380958	-19.73814368	-15.71534952	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
2484000000	1.204277184	3.141592654	-16.02820999	-17.67380958	-19.73814368	-15.71534952	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
2484000000	1.204277184	3.141592654	-16.02820999	-17.67380958	-19.73814368	-15.71534952	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
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2484000000	1.256637061	2.408554368	-4.25085735	-9.095747008	-10.20453314	-9.638925678	0.6129953	0.3509327	0.3088683	0.3296505	-1.924977
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2484000000	1.256637061	2.513274123	-4.287450219	-10.95614323	-8.808168623	-11.06732504	0.6104182	0.2832469	0.3627368	0.2796622	-2.292311
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2484000000	1.256637061	3.089327776	-11.93425411	-15.85911195	-20.8014199	-11.91916052	0.2530972	0.161081	0.0911862	0.2535374	-8.416889
2484000000	1.256637061	3.141592654	-16.02820993	-17.67380954	-17.99386111	-15.71534932	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
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2484000000	1.256637061	2.932153143	-8.927806085	-9.714562141	-12.94323805	-12.79225057	0.3577748	0.3267924	0.2253399	0.2292912	-4.888614
2484000000	1.256637061	2.879793266	-7.823458477	-8.962581042	-12.61791373	-11.61871526	0.4062815	0.3563452	0.2339399	0.2624607	-4.019897
2484000000	1.256637061	2.827433388	-7.501729046	-8.489724619	-12.13510477	-10.97490868	0.4216126	0.3762823	0.2473118	0.2826536	-3.557553
2484000000	1.256637061	2.775073511	-7.832815504	-8.394995008	-11.32427002	-10.70002846	0.4058441	0.3804805	0.2715104	0.2917417	-3.417111
2484000000	1.256637061	2.722713633	-8.727540521	-8.760036445	-10.25117101	-10.61308014	0.3661196	0.3647524	0.3072143	0.2947668	-3.52554
2484000000	1.256637061	2.670353756	-10.05360708	-9.515969109	-9.120931779	-10.48106687	0.3142821	0.3343502	0.3499076	0.2991897	-3.756916
2484000000	1.256637061	2.617993878	-11.4836256	-10.188317073	-10.09571134	-10.09571134	0.2665746	0.3094555	0.3930642	0.3127623	-3.863879
2484000000	1.256637061	2.565634	-12.36747916	-9.878760058	-7.31267354	-9.430024691	0.2407831	0.3206722	0.4308899	0.3376749	-3.543432
2484000000	1.256637061	2.513274123	-12.20312591	-8.476546541	-6.751182542	-6.52640319	0.2453826	0.3768536	0.4596644	0.3692904	-2.786109
2484000000	1.256637061	2.460914245	-11.32863231	-6.890823798	-6.407259359	-7.967770574	0.2713741	0.4523336	0.4782302	0.3995871	-1.929925
2484000000	1.256637061	2.408554368	-10.34698012	-5.7261							

2484000000	1.308996939	0.314159265	1.98194472	-1.718438508	-0.297629604	0.466597028	1.2563112	0.820499	0.9663146	1.055188	6.2315022
2484000000	1.308996939	0.366519143	1.908774962	-2.383190216	-0.23451531	0.5181702	1.2457725	0.7600471	0.9733617	1.0614719	6.1084316
2484000000	1.308996939	0.41887902	1.732812235	-3.083018146	-0.137095101	0.621127521	1.220789	0.7012116	0.9843403	1.0741288	5.9780865
2484000000	1.308996939	0.471238898	1.468974571	-3.726378594	-0.026189895	0.803508355	1.1842645	0.65115	0.9969893	1.0969212	5.8657593
2484000000	1.308996939	0.523598776	1.141885622	-4.151025496	0.074920574	1.1608977956	1.1404974	0.6200814	1.0086628	1.1309643	5.8011508
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2484000000	1.308996939	0.730383286	0.153708571	-2.717897345	-0.010136356	2.431031873	1.0178539	0.7313161	0.9988337	1.3292749	6.1733763
2484000000	1.308996939	0.785398163	0.210618515	-2.243594999	-0.200884494	2.725790269	1.0254447	0.7723608	0.9771377	1.3868409	6.3205366
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2484000000	1.308996939	0.890117919	0.599480755	-1.684946609	-0.742881184	3.205501035	1.0714553	0.8236689	0.918028	1.4463555	6.5665882
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2484000000	1.308996939	0.994833674	0.977943297	-1.385702638	-1.363813998	3.515574343	1.1191728	0.8525402	0.8546913	1.4989209	6.6997756
2484000000	1.308996939	1.047197551	1.073140776	-1.248462182	-1.653693442	3.587105385	1.1315065	0.8661177	0.8266379	1.511316	6.7203402
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2484000000	1.308996939	1.151917306	1.05630354	-1.007201369	-2.152215474	3.520901342	1.1293152	0.8905123	0.7805293	1.4998405	6.6491678
2484000000	1.308996939	1.204277184	0.971776613	-0.946196978	-2.270299479	3.3798851	1.1183786	0.8967887	0.7611759	1.475687	6.6513269
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2484000000	1.308996939	1.832595715	-0.74808822	-6.354454559	-5.429014088	-3.532003513	0.9174779	0.4811464	0.5352490	0.6658859	2.2780355
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2484000000	1.413716694	3.089232776	-11.8709629	-15.754244	-20.2844537	-11.96115942	0.2549481	0.1630376	0.0967781	0.2523144	-8.323806
2484000000	1.413716694	3.141592654	-16.02820975	-17.67380955	-17.99386101	-15.71534962	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
2484000000	1.466076572	-3.141592654	-16.02820984	-17.67380956	-17.99386092	-15.71534962	0.1579754	0.1307102	0.1259816	0.1637693	-10.77549
2484000000	1.466076572	-3.089232776	-18.55958312	-15.22041344	-15.69064369	-18.21108288	1.180377	0.1733721	0.1642358	0.12287	-10.7743
2484000000	1.466076572	-3.036872899	-12.96159975	-14.16114245	-16.31825649	-16.131825649	0.1973282	0.224864	0.1958587	0.1527873	-8.281335
2484000000	1.466076572	-2.984513021	-10.39480321	-11.72232296	-13.35261341	-13.76326721	0.3021759	0.2593486	0.2149658	0.2050391	-6.182534
2484000000	1.466076572	-2.932153143	-8.214458833	-11.04400752	-12.11854605	-12.36030812	0.3883981	0.280414	0.2232331	0.2477837	-4.890745
2484000000	1.466076572	-2.879793266	-7.101233287	-10.53227116	-12.99839702	-11.26217354	0.4415078	0.2974311	0.2239136	0.2734584	-4.178046
2484000000	1.466076572	-2.827433388	-6.81727114	-10.08049821	-12.78727996	-10.96762821	0.4561802	0.3133106	0.2294225	0.2828906	-3.864168
2484000000	1.466076572	-2.775073511	-7.257897513	-9.834684953	-12.12833511	-11.03327576	0.4336158	0.323204	0.2475046	0.2807066	-3.848047
2484000000	1.466076572	-2.722713633	-8.375218441	-10.00836							

2484000000	1.466076572	-4.44E-16	-0.262558196	0.606372657	0.435974239	-0.193470331	0.9702242	1.0723057	1.0514744	0.9779721	6.1755053
2484000000	1.466076572	0.052359878	0.496025046	0.488469117	0.162245411	-0.012075385	1.0587691	1.0578485	1.0188547	0.9986107	6.306984
2484000000	1.466076572	0.104719755	1.084327786	0.322559042	-0.082951129	0.149515274	1.1329647	1.0378341	0.9904954	1.0173626	6.4001342
2484000000	1.466076572	0.157079633	1.507268078	0.096679578	-0.273532039	0.278440032	1.1894971	1.0111928	0.9689992	1.0325759	6.4409689
2484000000	1.466076572	0.20943951	1.777879231	-0.18937373	-0.39291494	0.365186033	1.2271396	0.9784335	0.9557719	1.0429399	6.4532429
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2484000000	1.466076572	0.314159265	1.92482473	-0.941437222	-0.4096516	0.406530154	1.2480766	0.8972803	0.953932	1.0481574	6.3350155
2484000000	1.466076572	0.366519143	1.828631889	-1.398779488	-0.327706033	0.391367709	1.2343309	0.8512576	0.9629743	1.0460884	6.2237384
2484000000	1.466076572	0.41887902	1.634316023	-1.868020951	-0.211258788	0.385542727	1.2070237	0.8064899	0.9759716	1.0453871	6.0959996
2484000000	1.466076572	0.471238898	1.355373586	-2.270213494	-0.085358769	0.425300263	1.1688766	0.7699975	0.9902208	1.0501831	5.9754859
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2484000000	1.466076572	0.575958653	0.65415372	-2.456507453	0.087274986	0.729501446	1.0782208	0.7536585	1.0100986	1.0876147	5.8663505
2484000000	1.466076572	0.628318531	0.334013735	-2.143625225	0.085241154	0.993496284	1.0392037	0.7813016	1.0098621	1.1211786	5.914741
2484000000	1.466076572	0.680678408	0.126221085	-1.66047001	0.000978201	1.307265953	1.0146378	0.8259933	1.0001126	1.1624206	6.0274684
2484000000	1.466076572	0.733038286	0.084786509	-1.152221301	-0.172533239	1.645735551	1.0098092	0.8757677	0.9803324	1.2086117	6.1809312
2484000000	1.466076572	0.785398163	0.215704223	-0.727520577	-0.43199906	1.986245928	1.0251448	0.919653	0.9514808	1.2569335	6.3470823
2484000000	1.466076572	0.837758041	0.471827251	-0.428582328	-0.763181677	2.310214071	1.0558236	0.9518552	0.9158849	1.3047001	6.5026417
2484000000	1.466076572	0.890117919	0.778912294	-0.24402829	-1.141693939	2.602104182	1.0938194	0.9722962	0.8768298	1.3492897	6.6330701
2484000000	1.466076572	0.942477796	1.068097818	-0.137025315	-1.536167659	2.847793447	1.1308497	0.9843482	0.8378989	1.3880007	6.7313907
2484000000	1.466076572	0.994837674	1.293543604	-0.071810722	-1.914454805	3.033802636	1.1605856	0.9917666	0.80219	1.4180454	6.7941704
2484000000	1.466076572	1.047197551	1.434644803	-0.03058418	-2.25182439	3.147948593	1.1795931	0.9964851	0.7716294	1.4368037	6.817824
2484000000	1.466076572	1.099557429	1.490902416	-0.018275537	-2.537840726	3.181116215	1.187258	0.9978982	0.7466343	1.4423007	6.7971558
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2484000000	1.466076572	1.204277184	1.407039882	-0.168497222	-2.990013625	2.994827382	1.1758502	0.980788	0.7087602	1.4116966	6.602378
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2484000000	1.466076572	1.4137116694	0.96743589	-1.263930868	-3.958706102	1.818770859	1.1178198	0.8645766	0.6339641	1.2329303	5.6870146
2484000000	1.466076572	1.466076572	0.85604485	-1.568908398	-4.360286899	1.391786325	1.103576	0.8347464	0.6090959	1.1737871	5.3930729
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2484000000	1.466076572	2.984513021	-8.170678371	-9.328590775	-16.25957327	-7.282254669	0.3903607	0.3416414	0.153823	0.4324016	-3.620798
2484000000	1.466076572	3.036872899	-9.396017264	-11.94467466	-19.11054552	-9.188080962	0.3389996	0.2527937	0.1107829	0.347213	-5.598558
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2484000000	1.466076572	3.141592654	-16.02820994	-17.67380941	-17.99386104	-15.71534978	0.1579754	0.1307102	0.1259816	0.1637693	-10.77549
2484000000	1.466076572	3.089232776	-18.52237424	-15.35592359	-15.67440809	-18.04102518	0.1185445	0.1706883	0.1645431	0.1525993	-10.7659
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2484000000	1.518436449	1.308996939	1.311212675	-0.445489635	-3.512109635	2.284253114	1.1629489	0.9500042	0.6674128	1.3008064	6.1950896
2484000000	1.518436449	1.361356817	1.193395523	-0.852932452	-3.882397193	1.961284167	1.1472809	0.9064699	0.6395583	1.2533265	5.9039406
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2484000000	1.518436449	1.675516082	0.373939452	-3.13676042	-8.483562442	-1.541094574	1.039673	0.6968864	0.3765493	0.8374237	3.3774095
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2484000000	1.518436449	1.780235837	-0.116697085	-4.318506671	-11.48573637	-3.346550543	0.9866546	0.6082396	0.2665098	0.6802561	2.0817495
2484000000	1.518436449	1.832595715	-0.415827422	-4.996419038	-12.96827357	-3.917649382	0.953254	0.5625732	0.2246913	0.6369679	1.5017607
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2484000000	1.570796327	2.408554368	-5.269135175	-9.175207058	-12.162265057	-9.400854894	0.5451842	0.347728	0.2287534	0.3388108	-2.730709
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2484000000	1.570796327	2.923153143	-8.315315837	-8.101484829	-12.92027423	-6.436324843	0.3839142	0.3934828	0.2259364	0.4766326	-2.615565
2484000000	1.570796327	2.984513021	-8.415135766	-9.544600368	-15.16420037	-7.356329838	0.3795275	0.3332499	0.1744978	0.4199364	-3.693683
2484000000	1.570796327	3.036872899	-9.499795533	-12.11067121	-18.03562223	-9.351904107	0.3349733	0.2480084	0.1253773	0.3407256	-5.604389
2484000000	1.570796327	3.089327776	-11.88512359	-15.7661	-19.64181142	-12.08576441	0.2545328	0.1628152	0.10421	0.2847206	-8.287642
2484000000	1.570796327	3.141592654	-16.02820974	-17.67380964	-17.99386126	-15.7153496	0.1579754	0.1307102	0.1259815	0.1637693	-10.77549
2484000000	1.570796327	3.141592654	-16.02820946	-17.67380953	-17.99386101	-15.71534931	0.1579754	0.1307102	0.1259816	0.1637693	-10.77549
2484000000	1.570796327	3.089327776	-18.45089563	-15.66051162	-15.63916652	-17.71149558	0.119524	0.1648065	0.165212	0.1301443	-10.75673
2484000000	1.570796327	3.141592654	-13.719								

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2484000000	1.623156204	-0.20943951	-4.564072741	0.900748395	1.358756984	-0.835755987	0.5912843	1.1092704	1.169332	0.9082642	5.5249862
2484000000	1.623156204	-0.157079633	-3.465674912	0.839171938	1.228965025	-0.726124514	0.6709903	1.1014343	1.1519888	0.9198008	5.6575516
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2484000000	1.623156204	-4.44E-16	-0.262558478	0.606372466	0.43597405	-0.193470719	0.9702241	1.0723057	1.0514744	0.9779721	6.1750505
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2484000000	1.72787596	2.617993878	-5.71766146	-8.520911425	-10.92413186	-6.957853011	0.5177462	0.3749337	0.2843108	0.4488563	-1.799006
2484000000	1.72787596	2.670353756	-7.445467798	-7.932126191	-9.939256786	-7.103195059	0.4243523	0.4012303	0.318447	0.441408	-2.017616
2484000000	1.72787596	2.722713633	-9.793749378	-7.460800015	-9.240041908	-7.182668191	0.3282662	0.4236391	0.3451421	0.4373877	-2.326797
2484000000	1.72787596	2.775073511	-11.79369189	-7.191640709	-9.83855199	-7.072334312	0.5727263	0.4369361	0.3554735	0.4429791	-2.541643
2484000000	1.72787596	2.827433388	-11.63026489	-7.192725816	-9.236687922	-6.871518774	0.2621119	0.4386816	0.3452754	0.45334	-2.512632
2484000000	1.72787596	2.879793266	-10.12337179	-7.554861961	-10.05457053	-6.819415906	0.3117679	0.4190414	0.3142472	0.4560676	-2.492268
2484000000	1.72787596	2.932153143	-9.011200827	-8.419640611	-11.5190519	-7.15202391	0.3543561	0.3793307	0.2654895	0.4390247	-2.864208
2484000000	1.72787596	2.984513021	-8.820539612	-9.990163977	-13.73796026	-8.052039657	0.3622205	0.316			

2484000000	1.780235837	-0.628318531	-0.744535515	-0.654065993	0.923150706	0.730643663	0.9178532	0.9274632	1.1121351	1.0877577	6.1182199
2484000000	1.780235837	-0.575958653	-1.875202207	-0.367927302	0.93181973	0.350139561	0.8058234	0.9585254	1.1132456	1.0411348	5.8423053
2484000000	1.780235837	-0.523598776	-3.094419265	-0.144884776	0.995986857	-0.018049444	0.7002918	0.9834579	1.1219651	0.9979241	5.5833857
2484000000	1.780235837	-0.471238898	-4.3141110341	0.027934204	1.116074456	-0.351509827	0.6085475	1.0032212	1.1371133	0.9603389	5.3650539
2484000000	1.780235837	-0.41887902	-5.379363456	0.173854705	1.257187479	-0.621845555	0.5383092	1.0022174	1.1557379	0.9302309	5.2121485
2484000000	1.780235837	-0.366519143	-6.071487884	0.311957037	1.391051985	-0.829343661	0.4970792	1.0365681	1.1736878	0.9089935	5.1446174
2484000000	1.780235837	-0.3145159265	-6.188456312	0.448102711	1.4853645	-0.942483944	0.4904302	1.0529437	1.1865013	0.8971722	5.1704646
2484000000	1.780235837	-0.261799388	-5.687280948	0.572723205	1.513365378	-0.963868907	0.5195603	1.0681043	1.1903324	0.894966	5.2797313
2484000000	1.780235837	-0.20943951	-4.725343088	0.664222651	1.547841097	-0.899957949	0.5804073	1.0794714	1.1826985	0.9015755	5.4464711
2484000000	1.780235837	-0.157079633	-3.540200042	0.706790936	1.31110703	-0.7668416	0.6652578	1.0847747	1.1629348	0.9154991	5.9368969
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2484000000	1.780235837	-4.44E-16	-0.26255813	0.606372503	0.435974056	-0.193470368	0.9702242	1.0723057	1.0514744	0.9779721	6.1755052
2484000000	1.780235837	0.052359878	0.502612532	0.56522898	0.084292659	-0.026180582	1.0595724	1.0672384	1.0097518	0.9969904	6.3058702
2484000000	1.780235837	0.104719755	1.078797671	0.540099535	-0.243233356	0.095795927	1.1322436	1.0641552	0.9723852	1.01109	6.4026638
2484000000	1.780235837	0.157079633	1.47875462	0.525936831	-0.521180224	0.158568014	1.1855987	1.0624215	0.9417616	1.0184235	6.4613385
2484000000	1.780235837	0.20943951	1.723641741	0.508673197	-0.737272637	0.152626839	1.2195008	1.060312	0.918621	1.0177271	6.4777435
2484000000	1.780235837	0.261799388	1.83827421	0.471140085	-0.89236341	0.073768931	1.2357019	1.0557401	0.9023641	1.0085291	6.449214
2484000000	1.780235837	0.314159265	1.847068401	0.405602067	-0.995196889	-0.074930825	1.2369536	1.0478041	0.8917439	0.9914104	6.377771
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2484000000	1.780235837	0.523598776	1.197734769	0.372063464	-1.035460724	-0.909870212	1.1478542	1.0437661	0.8876198	0.9005472	5.9765973
2484000000	1.780235837	0.575958653	0.957944712	0.602419396	-0.970511938	-0.967411571	1.116559	1.0718178	0.8942818	0.8946011	5.9176655
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2484000000	1.780235837	0.785398163	0.694345167	2.155668556	-0.578731305	0.100040297	1.0832215	1.2816913	0.9355423	1.0115841	6.6730541
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2484000000	1.780235837	0.890117919	1.12189687	2.56560658	-0.424076592	0.902673558	1.1378709	1.3422334	0.9523491	1.095163	7.1224884
2484000000	1.780235837	0.942477796	1.351232052	2.608398548	-0.387536426	1.213206545	1.1683194	1.3502279	0.9566339	1.1499007	7.2813566
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2484000000	1.780235837	1.099557429	1.688388571	2.386918522	-0.536375874	1.52803342	1.2145613	1.3162729	0.9401155	1.1923443	7.3532558
2484000000	1.780235837	1.151917306	1.659021672	2.206670179	-0.687146381	1.416979882	1.2104618	1.2892392	0.9239377	1.1771966	7.2361338
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2484000000	1.780235837	1.256637061	1.44869264	1.586292273	-1.133261008	0.933128061	1.1815025	1.2003866	0.8776815	1.1134133	6.7949218
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2484000000	1.780235837	2.879793266	-10.47813632	-7.53							

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2484000000	1.832595715	-0.20943951	-4.760165059	0.581602877	1.48853997	-0.926452324	0.5780851	1.0692522	1.1869352	0.8988296	5.4207973
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2484000000	1.832595715	-0.104719755	-2.324907907	0.675338805	1.096188377	-0.593222988	0.7651641	1.0808538	1.1345128	0.9339827	5.832956
2484000000	1.832595715	-0.052359878	-1.210712548	0.647592783	0.787470111	-0.3884242	0.8698901	1.0774066	1.0948976	0.9562662	6.0172562
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2484000000	1.832595715	0.680678408	0.769267527	1.67544219	-0.940233505	-0.830628372	1.0926055	1.2129062	0.8974047	0.9088006	6.2598642
2484000000	1.832595715	0.733038286	0.7446098	2.075544069	-0.763724085	-0.460342458	1.0895082	1.2699225	0.9158277	0.9483811	6.4931368
2484000000	1.832595715	0.785398163	0.821857837	2.406610697	-0.584947634	-0.036071072	1.0992409	1.3192604	0.934873	0.9858558	6.7447679
2484000000	1.832595715	0.837578041	0.980553209	2.635759804	-0.422765999	0.383952311	1.1195092	1.354528	0.9524928	1.0451957	6.9889032
2484000000	1.832595715	0.890117919	1.179759907	2.757593964	-0.284582568	0.752379982	1.1454813	1.3736614	0.9666536	1.0904832	7.189651
2484000000	1.832595715	0.942477796	1.373840568	2.786047852	-0.215188417	1.035766969	1.1713644	1.3781687	0.9755299	1.1266483	7.3316551
2484000000	1.832595715	0.994836764	1.525822944	2.743439075	-0.195950861	1.213759677	1.1920409	1.3714247	0.9776929	1.1499739	7.4049539
2484000000	1.832595715	1.047197551	1.613513023	2.650951585	-0.244133195	1.27743285	1.2041363	1.3568892	0.9722845	1.1584349	7.4061063
2484000000	1.832595715	1.099557429	1.629572782	2.519602927	-0.362335594	1.227892221	1.2036348	1.3365344	0.9591427	1.1518465	7.3357193
2484000000	1.832595715	1.151917306	1.578505604	2.343579088	-0.548160413	1.074954162	1.1992929	1.3097215	0.9388409	1.1317427	7.1959472
2484000000	1.832595715	1.204277184	1.472635167	2.101716804	-0.794327637	0.835132173	1.1847638	1.2737548	0.9126066	1.1009221	6.9895279
2484000000	1.832595715	1.256637061	1.328070944	1.769267588	-1.089487054	0.528312587	1.1652082	1.2592935	0.8821159	1.0627121	6.7211005
2484000000	1.832595715	1.308996939	1.161086662	1.33406653	-1.419978884	0.173381188	1.1430213	1.1660128	0.8491825	1.0201618	6.3995556
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2484000000	1.832595715	1.570796327	0.31154886	-1.457050942	-3.346642056	-1.95348519	1.0365194	0.8455659	0.680249	0.7985934	4.5085836
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2484000000	1.832595715	1.72787596	-0.154758175	-3.587627741	-5.148373039	-2.905850205	0.9823406	0.6613352	0.5496438	0.7156612	3.2551131
2484000000	1.832595715	1.780235837	-0.316268035	-4.665884427	-6.113732428	-3.039746783	0.9642432	0.584394	0.4946675	0.7047136	2.7597928
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2484000000	1.884955592	-0.628318531	-1.046972267	-0.807180368	1.051395958	0.897501651	0.8864442	0.9112572	1.1286773	1.1088558	6.0967757
2484000000	1.884955592	-0.575958653	-2.251918226	-0.59671818	1.042991195	0.455299396	0.7716211	0.933607	1.1275857	1.0538164	5.7708645
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2484000000	1.884955592	-0.366519143	-6.514691029	-0.066567839	1.477297334	-0.923267598	0.4723517	0.9923654	1.1853998	0.8991593	4.9821959
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2484000000	1.884955592	1.675516082	-0.122602322	-2.28450444	-4.478423476	-2.69077312	0.985984	0.7687317	0.5971437	0.7336031	3.7658054
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2484000000	1.884955592	1.832595715	-0.561505382	-5.238663433	-6.526512933	-3.236777776	0.9373995	0.5471001	0.4717055	0.6889078	2.4282846
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2484000000	1.884955592	2.35619449	-6.291441345	-6.783620557	-7.235721248	-7.297686484	0.4846497	0.457951	0.4347243	0.413634	-0.870225
2484000000	1.884955592	2.40854368	-5.394368355	-7.434407442	-7.12087157	-6.358753358	0.5373801	0.4248931	0.4405107	0.4809084	-0.520401
2484000000	1.884955592	2.460914245	-4.74126858	-8.160656103	-7.046005769	-5.914521976	0.5793441	0.3988114	0.4443239	0.5061438	-0.351757
2484000000	1.884955592	2.513274123	-4.56711062	-8.512164852	-6.94754299	-5.963701218	0.5910776	0.3753114	0.4493894	0.5032861	-0.358809
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2484000000	1.884955592	2.617993878	-6.102382188	-7.405349937	-6.653548157	-7.354116116	0.4953143	0.4263169	0.4648604	0.4288839	-0.841846
2484000000	1.884955592	2.670353756	-8.026133874								

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2484000000	1.93731547	-0.890117919	2.593136302	-0.856012182	1.465167359	2.4999881201	1.3478973	0.9061485	1.1837456	1.3335185	7.5521527
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2484000000	1.93731547	-0.628318531	-1.269956893	-0.820422718	1.103656691	0.846483982	0.8639769	0.909869	1.1354887	1.1023619	6.0459617
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2484000000	1.93731547	-0.523598776	-3.827217067	-0.563914582	1.151811869	-0.052383814	0.6436343	0.9371396	1.1418015	0.9939872	5.3822289
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2484000000	1.93731547	0.837758041	1.191630125	2.826805001	-0.361549529	0.095729309	1.1470478	1.3846508	0.9592295	1.010822	7.075297
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2484000000	1.989675347	0.41887902	1.782998356	0.988608866	-1.93207074	-1.280295325	1.2278631	1.1205479	0.8013947	0.8629492	6.0482527
2484000000	1.989675347	0.471238898	1.691489626	1.09324736	-2.030329628	-1.591597156	1.214995	1.1341288	0.7915594	0.8325688	5.9623223
2484000000	1.989675347	0.523598776	1.580552119	1.265205858	-2.036640496	-1.776125673	1.1995756	1.1568054	0.7909845	0.8150678	5.9386391
2484000000	1.989675347	0.575958653	1.462961992	1.511560306	-1.922851585	-1.77806143	1.1834451	1.1900851	0.8014149	0.8148861	5.9984905
2484000000	1.989675347	0.628318531	1.354725638	1.818823245	-1.692757829	-1.590320509	1.1687894	1.2329378	0.8229285	0.8326912	6.144243
2484000000	1.989675347	0.680678408	1.274370558	2.148670627	-1.375495988	-1.259046151	1.1580266	1.2806591	0.8535426	0.8650629	6.3556089
2484000000	1.989675347	0.733038286	1.238152661	2.448464599	-1.016715799	-0.859359176	1.1532087	1.3265628	0.8895374	0.9057994	6.5964513
2484000000	1.989675347	0.785398163	1.252895511	2.67187976	-0.665552256	-0.465338778	1.155167	1.3601725	0.9262376	0.9478357	6.8275285
2484000000	1.989675347	0.837758041	1.310824908	2.793826041	-0.36493114	-0.133276641	1.162897	1.3794034	0.9588561	0.9847731	7.0164492
2484000000	1.989675347	0.890117919	1.390334115	2.812788987	-0.147531555	0.101608296	1.1735908	1.3824182	0.9831582	1.0117668	7.1414109
2484000000	1.989675347	0.942477796	1.462587017	2.745247694	-0.035732651	0.222680197	1.183394	1.3717103	0.9958946	1.0259685	7.1909562
2484000000	1.989675347	0.994837674	1.500108935	2.618164342	-0.043138804	0.229080391	1.1885171	1.3517868	0.9950458	1.0267247	7.1626475
2484000000	1.989675347	1.047197551	1.483409367	2.460524026	-0.176102566	0.134179398	1.1862345	1.3274745	0.9799296	1.0155679	7.0614022
2484000000	1.989675347	1.099557429	1.404099871	2.2924512	-0.434551285	-0.035744818	1.1754523	1.3020347	0.9512046	0.9958932	6.8968504
2484000000	1.989675347	1.151917306	1.264986206	2.114858543	-0.811654742	-0.245059122	1.1567761	1.2756835	0.9107879	0.9721808	6.6798782
2484000000	1.989675347	1.204277184	1.078166345	1.907760773	-1.282916363	-0.456852382	1.1321613	1.2456271	0.8616962	0.9487622	6.4200455
2484000000	1.989675347	1.256637061	0.861900815	1.641320784	-1.853809631	-0.644720563	1.1043203	1.2079975	0.8078105	0.9284617	6.125476
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2484000000	1.989675347	1.361356817	0.421353787	0.865742885	-3.056025527	-0.94361479	1.049706	1.1048088	0.7033941	0.8970554	5.4751655
2484000000	1.989675347	1.413716694	0.229170383	0.385555574	-3.59247538	-1.092280996	1.0267354	1.0453886	0.6612661	0.8818322	5.1421001
2484000000	1.989675347	1.466076572	0.066357355	-0.101550883	-4.017122671	-1.268009152	1.0076689	0.9883766	0.6297148	0.8641707	4.8357369
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2484000000	1.989675347	1.570796327	-0.179290494	-0.97728473	-4.465875802	-1.708929201	0.97957	0.8935848	0.5980069	0.8213978	4.3300727
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2484000000	1.989675347	1.884955592	-1.046367105	-5.314934071	-5.69747654	-3.37118507	0.8865059	0.5423171	0.5189508	0.6783296	2.3656364
2484000000	1.989675347	1.93731547	-1.432040876	-6.225316449	-6.273810139	-3.984955368	0.8480041	0.4883534	0.4856345	0.6320512	1.7770437
2484000000	1.989675347	1.989675347	-1.979914284	-6.861710448	-6.910946587	-4.793554868	0.7961672	0.4538522	0.4512868	0.5758671	1.127322
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2484000000	1.989675347	2.14675498	-4.801287092	-7.216205426	-8.031266267	-6.93734301	0.5753547	0.4357022	0.3966767	0.4499175	-0.641317
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2484000000	1.989675347	2.303834613	-6.540177681	-6.882964057	-6.934189843	-5.262309986	0.4709677	0.4527341	0.4500808	0.5456127	-0.357271
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2484000000	2.042035225	-1.151917306	1.971718431	-0.257419478	0.554198763	2.546374108	1.254833	0.9707983	1.065884	1.3406602	7.2951001
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2484000000	2.042035225	-0.628318531	-1.869902163	-0.789851152	1.214237516	0.470337155	0.8063153	0.9130771	1.1500372	1.056425	5.8563527
2484000000	2.042035225	-0.575958653	-3.152365604	-0.754822893	1.219215627	0.03533763	0.6956355	0.9167668	1.1506965	1.0040767	5.4997169
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2484000000	2.042035225	0.104719755	1.00619579	0.64392582	-0.342842066	0.005371674	1.1228191	1.0794925	0.9612977	1.0006186	6.3700899
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2484000000	2.042035225	0.314159265	1.866900191	0.953732927	-1.645826132	-0.692650831	1.2397811	1.1160577	0.827387	0.9233523	6.2490019
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2484000000	2.042035225	0.471238898	1.773964852	1.181307944	-2.244891997	-1.779906779	1.2265867	1.1456854	0.7722455	0.814713	5.9316162
2484000000	2.042035225	0.523598776	1.693375868	1.352398105	-2.251795121	-1.962569508	1.2152589	1.1684763	0.771632	0.7977587	5.9182128
2484000000	2.042035225	0.575958653	1.604882946	1.587122543	-2.117240743	-1.953317358	1.2029405	1.2004833	0.7836786	0.7986089	5.9895167
2484000000	2.042035225	0.628318531	1.520009378	1.870212135	-1.849539297	-1.757146728	1.1912433	1.2402539	0.8080278	0.8168507	6.1425489
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2484000000	2.042035225	0.837758041	1.442871517	2.678861727	-0.382127803	-0.447756548	1.1807109	1.3612663	0.9569596	0.9497563	6.940409
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2484000000	2.042035225	0.942477796	1.52086684	2.550735185	-0.056648796	-0.240588353	1.1913609	1.3413335	0.9934993	0.9726813	7.0147486
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2484000000	2.042035225	1.256637061	0.746884686	1.38018313	-2.102266812	-0.962737439	1.0897936	1.1722201	0.7853097	0.8950826	5.8940123
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2484000000	2.042035225	1.361356817	0.284352814	0.633011436	-3.332402485	-0.990224403	1.0332791	1.0755959	0.6813651	0.8922546	5.3022059
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2484000000	2.042035225	1.466076572	-0.06706035	-0.312610415	-4.179792261	-1.126041682	0.9923091	0.9646494	0.6180312	0.8784113	4.7443402
2484000000	2.042035225	1.518436449	-0.192210536	-0.754654624	-4.355459497	-1.280186331	0.9781114	0.9167845	0.6056574	0.86296	4.5152699
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2484000000	2.042035225	1.675516082	-0.473020852	-1.967522639	-4.259369307	-1.937393455	0.9469978	0.7973039	0.6123949	0.8007743	3.9642611
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2484000000	2.042035225	1.884955592	-1.254747613	-5.031806551	-4.821475794	-3.179425187	0.8654911	0.5602859	0.5740189	0.6937418	2.5849905
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2484000000	2.042035225	2.094395102	-4.083728041	-7.086108877	-7.031662253	-5.485359759	0.6249044	0.4422772	0.4450583	0.53178	0.1891026
2484000000	2.042035225	2.14675498	-5.173177749	-7.175332165	-5.538343136	-5.285461	0.5512405	0.4377573	0.4265644	0.5285461	-0.246191
2484000000	2.042035225	2.199114858	-6.14138625	-7.164197533	-5.201865115	-5.201865115	0.4930951	0.4338188	0.4228727	0.5494229	-0.428586
2484000000	2.042035225	2.251474735	-6.628616368	-7.096785027	-7.246857222	-6.684942102	0.4661967	0.4417339	0.4341673	0.5831132	-0.331032
2484000000	2.042035225	2.306384361	-6.43647958	-7.088461724	-6.799019817	-4.227140846	0.4766241	0.4425154	0.4571398	0.6146713	-0.040952
2484000000	2.042035225	2.35									

2484000000	2.094395102	-1.256637061	0.528180307	-0.815320741	-0.32648947	2.1546115	1.0626959	0.9104036	0.9631092	1.2815353	6.4810044
2484000000	2.094395102	-1.204277184	1.179558056	-0.532568922	-0.4074889123	2.104984438	1.1454547	0.9405276	1.0086592	1.2742341	6.7867936
2484000000	2.094395102	-1.151971306	1.671360726	-0.260748992	0.038911331	2.038055843	1.2121826	0.904263	1.05183	1.2644533	7.0415118
2484000000	2.094395102	-1.095557429	2.00505538	-0.058236733	0.755865763	1.967028259	1.2596583	0.9931777	1.090921	1.2541552	7.2308787
2484000000	2.094395102	-1.047197551	2.18200448	0.027469564	0.171955801	1.896547414	1.2855833	1.0031676	1.1243403	1.24402	7.3417323
2484000000	2.094395102	-0.994837674	2.20272187	-0.021779236	1.219580246	1.821777616	1.2865533	0.9974957	1.1507448	1.2333572	7.3662046
2484000000	2.094395102	-0.942477796	2.06644032	-0.186886898	1.730864039	1.730098763	1.2685921	0.9787137	1.1692118	1.2204077	7.3040022
2484000000	2.094395102	-0.890117919	1.770861721	-0.414554645	1.433506288	1.60495803	1.2261485	0.9533937	1.1794459	1.2209509	7.1623895
2484000000	2.094395102	-0.837758041	1.312111862	-0.631892636	1.430589773	1.430589773	1.1630693	0.9298339	1.1819933	1.1790426	6.9542855
2484000000	2.094395102	-0.785398163	0.685062273	-0.774153949	1.425904463	1.196234435	1.0820644	0.9147287	1.1784068	1.147656	6.6948151
2484000000	2.094395102	-0.733038286	-0.115581246	-0.817900687	1.373027891	0.899087168	0.9867814	0.9101332	1.1712548	1.1090583	6.397163
2484000000	2.094395102	-0.680678408	-1.092671323	-0.794871944	1.317986003	0.545874072	0.8817926	0.9125494	1.1638561	1.0648629	6.0705326
2484000000	2.094395102	-0.628318531	-2.24098057	-0.768290098	1.26594196	0.153270132	0.7725934	0.9153464	1.1596574	1.0178025	5.7232883
2484000000	2.094395102	-0.575958653	-3.535458309	-0.788440026	1.299056121	-0.252731164	0.6656211	0.9132254	1.1613224	0.9713225	5.373693
2484000000	2.094395102	-0.523598776	-4.907770957	-0.859542574	1.36237328	-0.015368793	0.5683442	0.9057803	1.1698141	0.9290915	5.0401338
2484000000	2.094395102	-0.471238898	-6.206531398	-0.933376787	1.466218034	-0.968549654	0.4894107	0.8981134	1.1838888	0.8944839	4.7757123
2484000000	2.094395102	-0.41887902	-7.164036361	-0.93139426	1.585725506	-1.208825274	0.438327	0.8983184	1.2002902	0.8700791	4.6268802
2484000000	2.094395102	-0.366519143	-7.470488781	-0.790830593	1.688546361	-1.337692185	0.4233137	0.9129741	1.2145833	0.8572656	4.6292765
2484000000	2.094395102	-0.314159265	-7.014527391	-0.510794576	1.743375708	-1.349797089	0.4459371	0.9428883	1.2222746	0.8606717	4.7789072
2484000000	2.094395102	-0.261799388	-5.996024688	-0.158329155	1.726018129	-1.256791464	0.5014167	0.9819366	1.2198345	0.8652875	5.0290544
2484000000	2.094395102	-0.20943951	-4.721785555	0.17328227	1.622479549	-0.518278468	0.580645	1.0201502	1.20538	0.8827873	5.3174849
2484000000	2.094395102	-0.157079633	-3.31743172	0.414961434	1.429830394	-0.858626747	0.6747345	1.0489338	1.1789395	0.9058758	5.5944419
2484000000	2.094395102	-0.104719755	-2.206249906	0.546842582	1.155716537	-0.51968549	0.7756888	1.0498917	1.1423149	0.9315401	5.8329825
2484000000	2.094395102	-0.052359878	-1.147067054	0.594394657	0.816871668	-0.385207085	0.8762876	1.070828	1.0986033	0.9566204	6.0256781
2484000000	2.094395102	-4.44E-16	-0.262558496	0.606372684	0.453972684	-0.194370134	0.9702241	1.1723057	1.0514744	0.9779721	6.1755052
2484000000	2.094395102	0.052359878	0.44467876	0.627785405	0.037723797	-0.063928378	1.0525287	1.0749525	1.0043526	0.992667	6.2868278
2484000000	2.094395102	0.104719755	0.984292789	0.681121263	-0.357143422	-0.015368793	1.1199913	1.0815736	0.9597162	0.9882322	6.3602502
2484000000	2.094395102	0.157079633	1.373820698	0.762814917	-0.736060255	-0.061763923	1.1713617	1.0917941	0.9187492	0.9929144	6.3921514
2484000000	2.094395102	0.20943951	1.635805899	0.852784248	-1.095622806	-0.217228019	1.2072308	1.1031618	0.881493	0.9759748	6.3776632
2484000000	2.094395102	0.261799388	1.795325615	0.93057111	-1.37673787	-0.463608689	1.2296069	1.1130856	0.8474543	0.9480245	6.5155694
2484000000	2.094395102	0.314159265	1.877439262	0.989945967	-1.761639877	-0.806114879	1.2412863	1.1207205	0.8164282	0.911369	6.21345
2484000000	2.094395102	0.366519143	1.904616837	1.043479522	-2.056145161	-1.207245018	1.2451763	1.1276491	0.7892103	0.8702374	6.0903988
2484000000	2.094395102	0.41887902	1.894702541	1.114733591	-2.293806017	-1.611689296	1.2437558	1.1369377	0.767908	0.8306452	5.9754194
2484000000	2.094395102	0.471238898	1.860231559	1.225849245	-2.438622752	-1.943183303	1.2388296	1.1515756	0.7556468	0.7995412	5.9016463
2484000000	2.094395102	0.523598776	1.809569976	1.389966426	-2.434232057	-1.244490044	1.231625	1.1735276	0.7555938	0.7830248	5.8976344
2484000000	2.094395102	0.575958653	1.749473305	1.607103509	-2.27475677	-0.112681744	1.2231329	1.2032481	0.7695941	0.78409	5.9772036
2484000000	2.094395102	0.628318531	1.687685909	1.860622022	-1.9730034	-1.924725345	1.214463	1.2388853	0.7970489	0.801242	6.1320156
2484000000	2.094395102	0.680678408	1.63386005	2.115012224	-1.56930397	-1.627979555	1.2069603	1.257706	0.8347084	0.8290888	6.3329572
2484000000	2.094395102	0.733038286	1.597654028	3.235940694	-1.135897048	-1.305792938	1.2019398	1.3070645	0.8774152	0.8604197	6.5407165
2484000000	2.094395102	0.785398163	1.584497975	4.256248764	-0.73118351	-1.028287169	1.2001206	1.3268213	0.9192652	0.8883531	6.718301
2484000000	2.094395102	0.837758041	1.591372499	2.487331821	-0.403140847	-0.840855379	1.2010708	1.3315779	0.9546473	0.9077311	6.8386315
2484000000	2.094395102	0.890117919	1.605533595	4.221156013	-0.184748522	-0.763965188	1.2030306	1.3214715	0.9789547	0.9518023	6.8863894
2484000000	2.094395102	0.942477796	1.607459371	2.276424475	-0.096101449	-0.795578051	1.2032974	1.2996345	0.9889969	0.9124753	6.8571431
2484000000	2.094395102	0.994837674	1.576611154	2.08287077	-0.147161541	-0.912564987	1.1990314	1.2709941	0.9832001	0.9002679	6.7561587
2484000000	2.094395102	1.047197551	1.497284731	1.87333954	-0.339671727	-1.07245021	1.1881308	1.2407060	0.9616547	0.8838478	6.5967687
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2484000000	2.094395102	1.151917306	1.175551419	1.481036656	-1.115424897	-1.304521099	1.1449264	1.1859103	0.8794856	0.8605457	6.1731406
2484000000	2.094395102	1.204277184	0.948763058	1.279191259	-1.657780259	-1.299931416	1.1154193	1.1586695	0.8262491	0.8610006	5.9362389
2484000000	2.094395102	1.256637061	0.701128173	1.030844953	-2.254295827	-1.220168336	1.0840677	1.12601	0.7714099	0.8689436	5.6895874
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2484000000	2.094395102	1.361356817	0.227033065	0.298738582	-3.376544701	-1.024384379	1.0264827	1.0349918	0.6779111	0.8887524	5.1730763
2484000000	2.094395102	1.413716694	0.032954186	-0.167658004	-3.77242251	-1.003864847	1.0038012	0.9808828	0.6477208	0.8908455	4.9182921
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2484000000	2.094395102	1.570796327	-0.349173995	-1.463758257	-3.996388786	-1.421052882	0.9605972	0.8449132	0.6312197	0.8490775	4.3122427
2484000000	2.094395102	1.623156204	-0.443938511	-1.812742628	-3.874021191	-1.661973819	0.9501739	0.8116389	0.6401753	0.8258503	4.1576356
2484000000	2.094395102	1.675516082	-0.549106587	-2.193046031	-3.754411741	-1.913577182	0.9387386	0.7768688	0.6490519	0.8022711	3.9921704
2484000000	2.094395102	1.72787596	-0.684054951	-2.675584438	-3.689057733	-2.167951832	0.9242666	0.7348874	0.6539539	0.7791165	3.7848199
2484000000	2.094395102	1.780235837	-0.871145276	-3.30787493	-3.715986496	-2.437289953	0.9045712	0.6832199	0.6519296	0.7553279	3.5076859
2484000000	2.094395102	1.832595715	-1.136742698	-4.084354882	-3.861326468	-2.748986096	0.8773298	0.6248593	0.6411117	0.7287032	3.1431009
2484000000	2.094395102	1.884955592	-1.511120851	-4.925243432	-4.149009217	-3.130643958	0.8403186	0.5672021	0.6208046	0.6937373	2.6889691
2484000000	2.094395102	1.93731547	-2.026323994	-5.692147026	-4.559624495	-3.587348717	0.7919245	0.5192693	0.5915872	0.6616565	2.1592425
2484000000	2.094395102	1.989675347	-2.710738418	-6.269751735	-5.107137969	-4.075403255	0.7319191	0.4858614	0.5554476	0.6255036	1.5790338
2484000000	2.094395102	2.042035225	-3.577071614	-6.651743508	-5.748250103	-4.486674273	0.6624398	0.464957	0.5159261	0.5965767	0.9839713
2484000000	2.094395102	2.094395102	-4.595864382	-6.910672621	-6.408635989	-4.679790235	0.5891241	0.4513011	0.4781544	0.5834592	0.4322147
2484000000	2.094395102	2.14675498	-5.64465748	-7.093627977	-6.965340069	-4.579411735	0.5221161	0.4418945	0.4484696	0.5902411	0.0118104
2484000000	2.094395102	2.199114858	-6.457238112	-7.19137444	-7.269147525	-4.256663139	0.4754864	0.4369495	0.4330546	0.6125857	-0.184008
2484000000	2.094395102	2.251									

2484000000	2.14675498	-1.361356817	-1.423194511	-1.53070537	-1.411359048	1.610342593	0.8488682	0.838426	0.8500257	1.2036969	5.4391932
2484000000	2.14675498	-1.308996939	-0.522871454	-1.288503358	-0.929718773	1.592730489	0.9415783	0.8621341	0.8984917	1.2012586	5.8084008
2484000000	2.14675498	-1.256637061	0.234559671	-1.000787292	-0.464302604	1.539971734	1.0273726	0.8911702	0.9479488	1.1939842	6.1509385
2484000000	2.14675498	-1.204277184	0.843336558	-0.685920482	-0.029326304	1.473954856	1.1019625	0.9240681	0.9666294	1.1849438	6.4600698
2484000000	2.14675498	-1.151917306	1.302265313	-0.390167604	0.363465176	1.411648473	1.1617516	0.9560742	1.0427333	1.1764742	6.7232554
2484000000	2.14675498	-1.099557429	1.611867411	-0.170042597	0.704086931	1.361247059	1.2039082	0.9806135	1.0845112	1.1696673	6.9245164
2484000000	2.14675498	-1.047197551	1.772704564	-0.068879628	0.987274471	1.320298519	1.2264087	0.9921013	1.1203758	1.164166	7.0045931
2484000000	2.14675498	-0.994837674	1.784398714	-0.099243988	1.206674841	1.276753908	1.28061	0.9886391	1.1490363	1.1583444	7.0900071
2484000000	2.14675498	-0.942477796	1.645037602	-0.237313026	1.361153462	1.212710395	1.2085145	0.9730482	1.1696547	1.149835	7.0456815
2484000000	2.14675498	-0.890117919	1.350863669	-0.429105465	1.452525315	1.10944685	1.1682699	0.9517979	1.1820239	1.1362459	6.9238068
2484000000	2.14675498	-0.837758041	0.896247239	-0.607463668	1.487167855	0.952109208	1.1086957	0.9324257	1.1867477	1.1158491	6.7366869
2484000000	2.14675498	-0.785398163	0.27412309	-0.718875745	1.477075227	0.733013858	1.1032629	0.9205687	1.1853695	1.0880546	6.4981045
2484000000	2.14675498	-0.733038286	-0.522733678	-0.751330672	1.440283591	0.453364812	0.9415932	0.9171354	1.1803592	1.0535818	6.2195337
2484000000	2.14675498	-0.680678408	-1.49880821	-0.741938634	1.399630742	0.123680968	0.8415106	0.9181277	1.1748476	1.0143412	5.9087623
2484000000	2.14675498	-0.628318531	-2.649664672	-0.751507314	1.378864228	-0.236683971	0.7370836	0.9171168	1.1720421	0.9731187	5.5736117
2484000000	2.14675498	-0.575958653	-3.94888109	-0.822843609	1.396222468	-0.600814098	0.6346817	0.9096154	1.1743867	0.9331668	5.2296602
2484000000	2.14675498	-0.523598776	-5.321378553	-0.950108107	1.457685675	-0.936628977	0.5419149	0.896385	1.1827264	0.8977772	4.9073002
2484000000	2.14675498	-0.471238898	-6.59818375	-1.072879025	1.553539172	-1.210992162	0.467833	0.8838042	1.1958507	0.8698621	4.653189
2484000000	2.14675498	-0.41887902	-7.484386297	-1.09966254	1.60567184	-1.395615838	0.4224552	0.8810831	1.2106772	0.8515678	4.521123
2484000000	2.14675498	-0.366519143	-7.664556802	-0.959888095	1.748712751	-1.37434906	0.4137825	0.8953763	1.2230259	0.8439808	4.5478745
2484000000	2.14675498	-0.314159265	-7.075445381	-0.656440712	1.788716204	-1.442153482	0.4428205	0.9272097	1.2286716	0.8470174	4.7249977
2484000000	2.14675498	-0.261799388	-5.969495451	-0.269111607	1.757879865	-1.314826234	0.5029505	0.9694924	1.2243173	0.8595253	4.9993326
2484000000	2.14675498	-0.20943951	-4.660619736	0.096834275	1.643143343	-1.115107931	0.5847484	1.0112108	1.208251	0.8957517	5.3051151
2484000000	2.14675498	-0.157079633	-3.356444634	0.366612325	1.442026494	-0.678234402	0.6794817	1.0431112	1.180596	0.9044161	5.592348
2484000000	2.14675498	-0.104719755	-2.162669888	0.519694411	1.162162216	-0.618698598	0.7795904	1.0616582	1.1431629	0.9312474	5.8354972
2484000000	2.14675498	-0.052359878	-1.126067694	0.58287329	0.819640037	-0.383335354	0.8784087	1.0694086	1.0989603	0.9568266	6.0284227
2484000000	2.14675498	-0.4446-16	-0.262558601	0.066372527	1.470479556	-0.193470556	0.9702241	1.0732057	1.0514744	0.9779721	6.1755005
2484000000	2.14675498	0.052359878	0.428949039	0.636187598	0.033611767	-0.071847333	1.0506243	1.0759917	1.0038772	0.9917624	6.2820985
2484000000	2.14675498	0.104719755	0.959836439	0.695086848	-0.369180624	-0.036508023	1.1168422	1.083314	0.9583871	0.9958057	6.3494596
2484000000	2.14675498	0.157079633	1.348136477	0.779414505	-0.762044907	-0.100398294	1.1679031	1.0938826	0.9160048	0.9885084	6.3740487
2484000000	2.14675498	0.20943951	1.61610319	0.869337742	-1.142573038	-0.270305686	1.2044954	1.052662	0.8767411	0.9693592	6.3526221
2484000000	2.14675498	0.261799388	1.78806386	0.945560947	-1.511723259	-0.544379315	1.2285793	1.1150082	0.8402603	0.9392496	6.2838719
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2484000000	2.14675498	0.366519143	1.937864439	1.055556584	-2.188583296	-1.324972621	1.2495517	1.1292181	0.7772681	0.8585219	6.053024
2484000000	2.14675498	0.41887902	1.954111842	1.124663525	-2.445771907	-1.738510326	1.252292	1.1382383	0.7545906	0.8186052	5.9414726
2484000000	2.14675498	0.471238898	1.948265102	1.230128712	-2.589967197	-2.071054206	1.2514493	1.1521431	0.742167	0.7878568	5.8752398
2484000000	2.14675498	0.523598776	1.927032898	1.38159829	-2.57666353	-2.250111819	1.2483939	1.1724111	0.7433046	0.7717816	5.8802617
2484000000	2.14675498	0.575958653	1.894786228	1.576111159	-2.388106911	-2.243228988	1.2437678	1.1989624	0.759617	0.7727394	5.9655758
2484000000	2.14675498	0.628318531	1.856228402	1.795207962	-2.048029973	-2.08716307	1.2382588	1.2295902	0.789948	0.7872123	6.1177905
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2484000000	2.14675498	0.73038286	1.786753631	2.16600277	-1.158367412	-1.571457843	1.228394	1.2832171	0.8751483	0.8345015	6.4882438
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2484000000	2.14675498	0.890117919	1.752087047	2.117559173	-0.208819173	-1.282985763	1.2235011	1.2760802	0.9762455	0.862682	6.7262095
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2484000000	2.14675498	1.413716694	0.08022806	-0.58011336	-3.607417405	-1.08267518	0.992794	0.9353935	0.6601295	0.882808	4.8299591
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2484000000	2.199114858	2.042035225</									

2484000000	2.251474735	-1.570796327	-5.552303127	-3.549833818	-3.40063476	0.263254205	0.5276973	0.6645204	0.6760336	1.0307722	3.2244347
2484000000	2.251474735	-1.518436449	-4.656181659	-3.156778407	-3.073378715	0.361422397	0.5850472	0.6952821	0.7019902	1.0424881	3.5933555
2484000000	2.251474735	-1.466076572	-3.706112163	-2.829672568	-2.639096092	0.376841733	0.6526711	0.7219654	0.737981	1.0434304	3.964776
2484000000	2.251474735	-1.413716694	-2.774289343	-2.529686751	-2.133439073	0.328260794	0.7265835	0.7473356	0.7822265	1.0385156	4.3356155
2484000000	2.251474735	-1.361356817	-1.912158064	-2.224417291	-1.591824669	0.242264083	0.8024022	0.7743068	0.832547	1.0282843	4.7037527
2484000000	2.251474735	-1.308996939	-1.150795534	-1.893998922	-1.045264679	0.148042995	0.8759115	0.8040815	0.8866185	1.0171902	5.0662792
2484000000	2.251474735	-1.256637061	-0.506546422	-1.535533026	-0.518058527	0.071480267	0.9433496	0.8379601	0.9421002	1.0082634	5.4174724
2484000000	2.251474735	-1.204277184	0.013200372	-1.168444256	-0.028662681	0.029389512	1.0015209	0.8741335	0.9967055	1.0033893	5.7465136
2484000000	2.251474735	-1.151917306	0.405655833	-0.834014912	0.049499548	0.025447254	1.0478106	0.9048463	1.0482744	1.002934	6.0367955
2484000000	2.251474735	-1.099557429	0.669678929	-0.580553194	0.0787208179	0.049522637	1.0801497	0.9353461	1.0948464	1.0057178	6.2690724
2484000000	2.251474735	-1.047197551	0.803868951	-0.440540029	1.098837396	0.081020167	1.0969667	0.9505457	1.1348589	1.0093714	6.4272925
2484000000	2.251474735	-0.994837674	0.805364683	-0.415039037	1.341967191	0.095009845	1.0971556	0.9533405	1.1670739	1.0109985	6.5032675
2484000000	2.251474735	-0.942477796	0.669147562	-0.473143827	1.517267588	0.068748569	1.0800836	0.9469844	1.1908673	1.0079464	6.4977468
2484000000	2.251474735	-0.890117919	0.387770221	-0.56426376	1.628682662	-0.013398268	1.0546552	0.9371019	1.2062411	0.9984587	6.4184071
2484000000	2.251474735	-0.837758041	-0.048459092	-0.638000744	1.683894363	-0.157413435	0.9944365	0.9291802	1.213933	0.9820403	6.2764801
2484000000	2.251474735	-0.785398163	-0.65067379	-0.66666811	1.694834143	-0.359235351	0.9278255	0.92661172	1.2154629	0.9594851	6.0831098
2484000000	2.251474735	-0.733038286	-1.4296777	-0.661611229	1.677739535	-0.605925514	0.8482349	0.9266579	1.2130731	0.9326179	5.8464148
2484000000	2.251474735	-0.680678408	-2.392334675	-0.669169565	1.651996297	-0.877801428	0.7592473	0.9258519	1.2094831	0.9038782	5.515526
2484000000	2.251474735	-0.628318531	-3.534009999	-0.743193238	1.637092165	-1.105103491	0.6657321	0.917995	1.2074096	0.8758873	5.2656753
2484000000	2.251474735	-0.575958653	-4.822132394	-0.909335071	1.647804621	-1.400356084	0.5739755	0.9006027	1.2088996	0.8511031	4.9461588
2484000000	2.251474735	-0.523598776	-6.161859088	-1.13997411	1.683894363	-1.601693336	0.4919342	0.8770034	1.2146696	0.8316016	4.6477456
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2484000000	2.251474735	-0.41887902	-8.016218589	-1.423078397	1.822835532	-1.785285506	0.3973645	0.8488796	1.2335074	0.8142087	4.333767
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2484000000	2.251474735	-0.261799388	-5.816733001	-0.473844315	1.813781525	-1.426012635	0.5118743	0.946908	1.2322223	0.8485929	4.9584777
2484000000	2.251474735	-0.20943951	-4.47593254	-0.047429735	1.677511321	-0.175058106	0.5973149	0.9945543	1.212762	0.8343682	5.2918694
2484000000	2.251474735	-0.157079633	-3.198323776	0.272038222	1.458283799	-0.869697045	0.6919645	1.0318152	1.1828078	0.9018829	5.5944118
2484000000	2.251474735	-0.104719755	-2.056284524	0.464687653	1.69046166	-0.621527222	0.7891976	1.0549651	1.1440692	0.9309442	5.8432758
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2484000000	2.251474735	0.052359878	0.392412733	0.651113468	0.028798038	-0.08863131	1.0462143	1.0778434	1.003321	0.9898478	6.2714953
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2484000000	2.251474735	0.157079633	1.287947796	0.794107697	-0.801417656	-0.174632527	1.1598382	1.0957346	0.911862	0.9800955	6.3351913
2484000000	2.251474735	0.20943951	1.568479512	0.870352589	-0.121660336	-0.377268189	1.1979094	1.1053953	0.8693003	0.9574952	6.2986119
2484000000	2.251474735	0.261799388	1.766878528	0.928418221	-1.629671549	-0.67994564	1.2255864	1.1128097	0.8289273	0.924704	6.2181706
2484000000	2.251474735	0.314159265	1.904670836	0.967627753	-0.2029927832	-1.061407886	1.245184	1.1178445	0.791596	0.8849722	6.1061603
2484000000	2.251474735	0.366519143	2.00068598	1.002594053	-3.289763146	-1.981247794	1.2590248	1.1223536	0.7594721	0.8432136	5.9859266
2484000000	2.251474735	0.41887902	2.069252856	1.053528171	-2.662019452	-1.878925656	1.269003	1.1289544	0.736036	0.8054781	5.8881592
2484000000	2.251474735	0.471238898	2.119253195	1.134758979	-2.789090064	-2.184599414	1.2763291	1.139562	0.7253465	0.7776247	5.8425999
2484000000	2.251474735	0.523598776	2.154660192	1.249051116	-2.726462326	-2.345310725	1.2815425	1.1546568	0.7305953	0.7636689	5.8676103
2484000000	2.251474735	0.575958653	2.176552825	1.387014154	-2.469572594	-2.353189103	1.2847767	1.1731423	0.7525258	0.7626768	5.9620372
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2484000000	2.251474735	0.680678408	2.184607077	1.641696653	-2.107718417	-2.351891075	1.2859686	1.2080498	0.8338673	0.7845382	6.2613574
2484000000	2.251474735	0.733038286	2.177141861	1.698348901	-1.0948414695	-1.989880505	1.2846838	1.2159548	0.881575	0.7952542	6.3980366
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2484000000	2.251474735	0.837758041	2.154340746	1.565010141	-0.364031502	-1.97323614	1.2814954	1.197341	0.9589554	0.7967796	6.5157739
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2484000000	2.251474735	0.942477796	2.098546174	1.12418749	-0.160561253	-2.195368849	1.2732899	1.1381759	0.9816845	0.7766611	6.3817284
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2484000000	2.251474735	1.047197551	1.935086994	0.576382919	-0.55702859	-2.272541913	1.249552	1.0686098	0.9378828	0.7697911	6.0765212
2484000000	2.251474735	1.099557429	1.794870011	0.339094133	-0.957360694	-2.146660636	1.2295424	1.0398117	0.8956369	0.7810287	5.9025849
2484000000	2.251474735	1.151917306	1.616857229	0.135804067	-1.457665469	-1.929191396	1.2046	1.0157579	0.8455061	0.8080302	5.7261965
2484000000	2.251474735	1.204277184	1.409211399	-0.06064447	-2.015064065	-1.683566171	1.1761442	0.9930424	0.7929518	0.8237998	5.5428705
2484000000	2.251474735	1.256637061	1.183578832	-0.294179957	-2.57415182	-1.481990998	1.145985	0.9666894	0.7435196	0.8431451	5.3418956
2484000000	2.251474735	1.308996939	0.952189022	-0.60458252	-3.074286539	-1.381845965	1.1158593	0.9327621	0.7019169	0.8529188	5.1137872
2484000000	2.251474735	1.361356817	0.725081111	-0.100790933	-3.464075401	-1.415677213	1.0870614	0.8904398	0.6711139	0.8496032	4.856338
2484000000	2.251474735	1.413716694	0.508053787	-1.48551187	-3.717646344	-1.590376205	1.0602363	0.8427998	0.651805	0.8326859	4.5770553
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2484000000	2.251474735	1.623156204	-0.328933075	-3.112981477	-3.806201937	-3.125468555	0.9628383	0.6987968	0.6451934	0.6977929	3.5351953
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2484000000	2.251474735										

2484000000	2.303834613	-1.675516082	-6.860013288	-4.87426849	-3.371542016	-0.517762403	0.4539409	0.5705406	0.6783017	0.9421323	2.4276362
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2484000000	2.303834613	-4.44E-16	-0.262558401	0.606372417	0.435974277	-0.193470311	0.9702241	1.0723057	1.0514744	0.9779721	6.1755052
2484000000	2.303834613	0.052359878	0.371639896	0.657671878	0.028141382	-0.097398348	1.0437152	1.0786576	1.0032452	0.9888492	6.265672
2484000000	2.303834613	0.104719755	0.870509645	0.721240865	-0.390245512	-0.100435536	1.1054153	1.0865808	0.9506057	0.9885035	6.3121799
2484000000	2.303834613	0.157079633	1.252889917	0.79294296	-0.814016668	-0.209441605	1.1551656	1.0955877	0.9105403	0.9761755	6.3140968
2484000000	2.303834613	0.20943951	1.539349413	0.856315902	-1.242015078	-0.423624872	1.1938987	1.1036104	0.8667608	0.9523986	6.270318
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2484000000	2.303834613	0.41887902	2.119531416	0.980164913	-2.722032334	-1.885741183	1.2763699	1.1194591	0.730968	0.8048463	5.8708825
2484000000	2.303834613	0.471738898	2.195741628	1.045363435	-2.82949658	-2.16163811	1.2876181	1.1278937	0.72198	0.7876831	5.8388593
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2484000000	2.303834613	0.575958653	2.30517905	1.245835631	-2.441079393	-2.309471388	1.303944	1.1542285	0.7549984	0.7665252	5.976398
2484000000	2.303834613	0.628318531	2.338475107	1.346955138	-2.002093287	-2.230016383	1.3089521	1.1677443	0.7941368	0.7735692	6.1164874
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2484000000	2.35619449	-4.44E-16	-0.262558329	0.606372305	0.435974076	-0.193470288	0.9702242	1.0723057	1.0514744	0.9779721	6.1755051
2484000000	2.35619449	0.052359878	0.349222854	0.663647881	0.028674061	-0.106352396	1.041025	1.0794	1.0033067	0.9878304	6.259537
2484000000	2.35619449	0.104719755	0.835175283	0.725183087	-0.391840717	-0.121362217	1.1009276	1.0870741	0.9558902	0.9861248	6.2984633
2484000000	2.35619449	0.157079633	1.214124541	0.786740405	-0.821448028	-0.242299361	1.1500222	1.0948056	0.9097616	0.9724897	6.2922561
2484000000	2.35619449	0.20943951	1.505792389	0.833821786	-1.658765938	-0.464574541	1.1892591	1.1007561	0.8650908	0.947919	6.2415595
2484000000	2.35619449	0.261799388	1.729690364	0.857208302	-1.698402399	-0.773123834	1.2203503	1.1037238	0.8223939	0.9148372	6.1527126
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2484000000	2.35619449	0.733038286	2.54956056	1.149286163	-0.874637061	-1.984608785	1.3411521	1.1414695	0.9042076	0.795737	6.4082655
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2484000000	2.35619449	1.204277184	2.117453895	-0.778134559	-1.901070875	-1.191318282	1.2760647	0.9143096	0.8034271	0.8718346	5.723819
2484000000	2.35619449	1.256637061	1.928695342	-0.996634079	-2.515788104	-1.218453542	1.2486329	0.8915964	0.7485324	0.8691152	5.4782058
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2484000000	2.35619449	1.72787596	-1.035120623	-4.335477206	-5.798417356	-4.718321207</					

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2484000000	2.408554368	-1.832595715	-7.222324336	-6.43230978	-1.895221536	-1.97952975	0.4353953	0.476853	0.8039683	0.7962025	1.9812418
2484000000	2.408554368	-1.780235837	-6.899440571	-5.69460887	-2.050368082	-1.688590856	0.451885	0.5191221	0.7897354	0.8233234	2.225472
2484000000	2.408554368	-1.72787596	-6.577737593	-5.047403722	-2.26476458	-1.472113657	0.4689356	0.5592807	0.7738846	0.8441008	2.4318588
2484000000	2.408554368	-1.675516082	-6.18886097	-4.540094777	-2.366851504	-1.34436739	0.4904073	0.5929189	0.7614781	0.856607	2.6112144
2484000000	2.408554368	-1.623156204	-5.693580372	-4.158373346	-2.416882234	-1.303262755	0.5191836	0.6195571	0.7571064	0.8606704	2.7866095
2484000000	2.408554368	-1.570796327	-5.094096931	-3.857986274	-2.336780746	-1.330345256	0.5562822	0.6413583	0.7641189	0.857991	2.9836134
2484000000	2.408554368	-1.518436449	-4.425360725	-3.592348886	-2.112501122	-1.393778375	0.6008028	0.6612757	0.7841063	0.8517479	3.2211661
2484000000	2.408554368	-1.466076572	-3.734415003	-3.328729129	-1.757600341	-1.455750695	0.6505479	0.6816533	0.816808	0.8545625	3.5064713
2484000000	2.408554368	-1.413716694	-3.063389847	-3.052731349	-2.340996251	-1.483342095	0.702798	0.7036609	0.8604986	0.8430103	3.8345181
2484000000	2.408554368	-1.361356817	-2.44263816	-2.760243116	-0.794783801	-1.458344365	0.7548629	0.7277594	0.9125587	0.84544	4.191965
2484000000	2.408554368	-1.308996939	-1.891349159	-2.445031219	-0.264808026	-1.38078739	0.8043268	0.754655	0.9699729	0.8530231	4.5628152
2484000000	2.408554368	-1.256637061	-1.421026978	-2.099277585	-0.253814245	-1.265215702	0.8490801	0.7853009	1.0295626	0.8644487	4.9311589
2484000000	2.408554368	-1.204277184	-1.039012183	-1.730297006	-0.373751097	-1.133897956	0.8872569	0.8193796	1.0886231	0.8776172	5.2795273
2484000000	2.408554368	-1.151917306	-0.751065451	-1.370991961	-0.169693944	-1.011211124	0.9171634	0.8539853	1.1441546	0.8901013	5.5874169
2484000000	2.408554368	-1.099557429	-0.5629731	-1.065580502	-0.153923338	-0.920340353	0.9372411	0.8845471	1.1938827	0.8994623	5.8433312
2484000000	2.408554368	-1.047197551	-0.481466747	-0.843750091	-0.1839878772	-0.880944842	0.9460774	0.9074287	1.2359302	0.9035512	6.0053589
2484000000	2.408554368	-0.994837674	-0.514742387	-0.707169798	-0.2069325489	-0.906792107	0.9245499	0.9218102	1.2690136	0.9008664	6.0944412
2484000000	2.408554368	-0.942477796	-0.672711982	-0.63442193	-0.253814245	-1.003458377	0.9254744	0.9295632	1.2925239	0.8908961	6.1037106
2484000000	2.408554368	-0.890117919	-0.966967078	-0.595320995	-0.322663039	-1.166776548	0.8946469	0.9337572	1.3065714	0.8743014	6.040721
2484000000	2.408554368	-0.837758041	-1.410275524	-0.566268842	-0.18260394	-1.38620394	0.8501317	0.9368856	1.3119924	0.8528444	5.9154182
2484000000	2.408554368	-0.785398163	-2.015319677	-0.543929649	-0.234747391	-1.628213534	0.7929285	0.9392983	1.3103089	0.8290664	5.7372144
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2484000000	2.408554368	-0.366519143	-7.68022944	-1.681990639	-0.23082276	-2.065775371	0.4130366	0.8239493	1.2642183	0.7883358	4.3218655
2484000000	2.408554368	-0.314159265	-6.601825922	-1.259675395	-0.1976194245	-1.836304281	0.4673638	0.8650002	1.2554798	0.8094402	4.6027352
2484000000	2.408554368	-0.261799388	-5.31856696	-0.732757848	-0.1866342053	-1.557016667	0.5420903	0.9109086	1.2397014	0.8358901	4.9515621
2484000000	2.408554368	-0.20943951	-4.042204584	-0.240329609	-0.1695198836	-1.243452878	0.627899	0.9727103	1.2155139	0.8666173	5.3028225
2484000000	2.408554368	-0.157079633	-2.873894056	-0.136367123	-0.159436906	-0.920184901	0.7182991	1.0158237	1.1829649	0.8947784	5.6128558
2484000000	2.408554368	-0.104719755	-1.851775974	-0.381366066	-0.163475926	-0.617724103	0.8079997	1.0448773	1.1433358	0.9313519	5.8618672
2484000000	2.408554368	-0.052359878	-0.98358539	-0.522925941	-0.187831116	-0.366865779	0.8929368	1.06205033	1.0987314	0.9586426	6.0474068
2484000000	2.408554368	-4.44E-16	-0.262558359	-0.606372431	-0.0345974068	-0.193470425	0.9702242	1.0723057	1.0514744	0.9779721	6.1755051
2484000000	2.408554368	0.052359878	0.325184268	0.669068113	0.030460873	-0.115448372	1.0381479	1.0800737	1.0035069	0.9867965	6.2531186
2484000000	2.408554368	0.104719755	0.796936239	0.727059017	-0.390563607	-0.14186725	1.0906915	1.0873089	0.9560307	0.9837996	6.2841527
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2484000000	2.408554368	0.366519143	2.051818219	0.774432706	-2.503145082	-1.493951923	1.2664583	1.0932554	0.7496227	0.8419812	5.9142391
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2484000000	2.408554368	0.471238898	2.311073008	0.813148529	-2.801371774	-1.976772413	1.3048292	1.0981393	0.7243216	0.7964553	5.8534161
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2484000000	2.408554368	1.047197551	2.797055982	-0.390269308	-0.091597816	-1.15351891	1.3799165	0.9560631	0.9895098	0.8756369	6.4647147
2484000000	2.408554368	1.099557429	2.731775616	-0.593894033	-0.47194477	-0.991691784	1.3695843	0.9339106	0.9471151	0.8921038	6.3250989
2484000000	2.408554368	1.151917306	2.630848233	-0.763753562	-0.954705415	-0.898316235	1.3537623	0.9158246	0.8959107	0.9017459	6.1654037
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2484000000	2.408554368	1.466076572	1.2216382	-2.831842527	-4.235731776	-2.804250726	1.1510175	0.721785	0.6140637	0.7240815	4.1120647
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2484000000	2.408554368										

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2484000000	2.460914245	-1.361356817	-2.305188588	-2.959834763	-0.254418608	-1.53461798	0.7669032	0.711227	0.9711338	0.8380484	4.3162199
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2484000000	2.460914245	-1.204277184	-1.141740381	-1.881843077	1.177263772	-0.981785324	0.768251	0.8052076	1.1451521	0.8931219	5.390975
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2484000000	2.460914245	-0.366519143	-7.42845082	-1.793823331	2.07619905	-2.124551312	0.4251845	0.8134087	1.2700182	0.7830192	4.3276223
2484000000	2.460914245	-0.314159265	-6.333627276	-1.350712649	1.986319792	-1.880262759	0.4823015	0.8559851	1.2583921	0.8035341	4.6141608
2484000000	2.460914245	-0.261799388	-5.083847942	-0.806102809	1.872099904	-1.585975504	0.556939	0.8113703	1.2405235	0.8331079	4.9642256
2484000000	2.460914245	-0.20943951	-3.858853019	-0.298745957	1.692305388	-1.25820135	0.6412943	0.9661904	1.2151091	0.8651471	5.3146078
2484000000	2.460914245	-0.157079633	-2.744549517	0.092678432	1.574290384	-0.923357266	0.7290755	1.0107271	1.1820754	0.89915	5.6230045
2484000000	2.460914245	-0.104719755	-1.772795005	0.353452646	1.157194046	-0.613956928	0.8153804	1.041532	1.1425092	0.9371559	5.6898531
2484000000	2.460914245	-0.052359878	-0.948329483	0.5107449	0.8514258963	-0.362054173	0.8956686	1.0605649	1.0982797	0.9591738	6.0522174
2484000000	2.460914245	-4.44E-16	-0.262558592	0.606372593	0.435974218	-0.193470376	0.9702241	1.0723057	1.0514744	0.9779721	6.1755052
2484000000	2.460914245	0.052359878	0.299548435	0.673964301	0.03334458	-0.124644542	1.0350884	1.0806827	1.0038464	0.9857522	6.2464455
2484000000	2.460914245	0.104719755	0.755720205	0.727105909	-0.386356252	-0.161844017	1.0909027	1.0873148	0.9564939	0.9815395	6.2694368
2484000000	2.460914245	0.157079633	1.124223141	0.761577837	-0.819847854	-0.301407911	1.1381805	1.0916386	0.9099292	0.9658943	6.2470231
2484000000	2.460914245	0.20943951	1.422608963	0.767907446	-1.26431187	-0.529726235	1.1779597	1.0924434	0.8645386	0.9408355	6.1835898
2484000000	2.460914245	0.261799388	1.666974867	0.744975296	-1.71035371	-0.822421133	1.2115706	1.089954	0.8212631	0.9096597	6.0899128
2484000000	2.460914245	0.314159265	1.871366974	0.70579496	-2.133453126	-1.143657055	1.2404188	1.0846503	0.7822188	0.8766317	5.9856114
2484000000	2.460914245	0.366519143	2.047120578	0.67221337	-2.487899123	-1.44833839	1.2657736	1.0804649	0.7509397	0.8464145	5.897241
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2484000000	2.460914245	0.471238898	2.341150732	0.638197172	-2.739709348	-1.83816624	1.3093554	1.0818321	0.72946	0.8092667	5.8670614
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2484000000	2.460914245	0.575958653	2.575363841	0.765329638	-2.164004011	-1.852301139	1.3451422	1.0921102	0.7797942	0.8079509	6.0747123
2484000000	2.460914245	0.628318531	2.671251896	0.786706043	-1.64431099	-1.773304322	1.3600742	1.0948082	0.8275313	0.8153326	6.2303015
2484000000	2.460914245	0.680678408	2.754892895	0.771041905	-1.081825465	-1.677844412	1.3732343	1.0928287	0.8828943	0.8243427	6.3889922
2484000000	2.460914245	0.733038286	2.829204925	0.708356969	-0.54452131	-1.580511999	1.3850334	1.0849703	0.9392343	0.833632	6.5325946
2484000000	2.460914245	0.785398163	2.896950766	0.595852352	-0.08468368	-1.479437986	1.3958782	1.0709745	0.9092971	0.8433893	6.6498582
2484000000	2.460914245	0.837758041	2.958997927	0.434635992	0.263660193	-1.362626883	1.4058853	1.0513124	1.0308204	0.8548082	6.7348493
2484000000	2.460914245	0.890117919	3.013157543	0.232776772	0.062032361	-1.218651802	1.4146789	1.0271618	1.0569066	0.8690953	6.7847397
2484000000	2.460914245	0.942477796	3.054238985	0.005044161	0.557432802	-1.047359	1.4213857	1.0005809	1.0662809	0.8860447	6.7982708
2484000000	2.460914245	0.994837674	3.075199935	-0.22539007	0.93366321	-0.865669725	1.42482	1.0473488	1.058445	0.9051416	6.774689
2484000000	2.460914245	1.047197551	3.068667473	-0.43384141	0.296122212	-0.705691398	1.4237348	0.951279	1.0346801	0.9219671	6.7125176
2484000000	2.460914245	1.099557429	3.028066532	-0.607064787	-0.018765224	-0.606745594	1.4171092	0.9324955	0.9978419	0.9325298	6.6082277
2484000000	2.460914245	1.151917306	2.948012102	-0.754455091	-0.428055731	-0.605669852	1.4041083	0.9168056	0.9519129	0.9326453	6.5456952
2484000000	2.460914245	1.204277184	2.824140364	-0.90844712	-0.902359338	-0.728711003	1.3842261	0.906095	0.9013263	0.9195269	6.2473015
2484000000	2.460914245	1.256637061	2.652806634	-1.112818299	-1.410060152	-0.985605257	1.357189	0.8797496	0.8501528	0.8927292	5.97667
2484000000	2.460914245	1.308996939	2.430996529	-1.405574605	-1.923668074	-1.364944202	1.3229695	0.805092	0.8013396	0.8545801	5.6421988
2484000000	2.460914245	1.361356817	2.156513838	-1.80368536	-2.426683516	-1.830768135	1.281816	0.8124854	0.7562508	0.8099562	5.520285
2484000000	2.460914245	1.413716694	1.828225432	-2.293667049	-2.917463004	-2.323401013	1.2342731	0.7679212	0.714705	0.7652969	4.8164649
2484000000	2.460914245	1.466076572	1.4466028406	-2.82972594	-3.407464907	-2.770872666	1.1811401	0.7219609	0.6755022	0.7268694	4.3460713
2484000000	2.460914245	1.51843644									

2484000000	2.513274123	-2.094395102	-7.267329471	-8.018472429	-2.937235339	-4.073590862	0.4331452	0.3972614	0.71308	0.6256342	0.7050747
2484000000	2.513274123	-2.042035225	-6.789384845	-7.389231734	-2.261104911	-3.82718442	0.4576471	0.4271087	0.7708054	0.6436367	1.2109272
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2484000000	2.513274123	-1.93731547	-5.939871832	-6.580547114	-1.440819785	-3.136357883	0.5046687	0.4687839	0.8471475	0.6969187	1.9988543
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2484000000	2.513274123	-1.72787596	-4.946994175	-4.566144806	-1.196717025	-2.222064074	0.5657835	0.5911433	0.8712928	0.7742778	2.9303405
2484000000	2.513274123	-1.675516082	-4.645235636	-4.237702933	-1.205283139	-2.171809847	0.585785	0.6139243	0.870434	0.7777705	3.0729863
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2484000000	2.513274123	-1.466076572	-2.894414667	-3.696926725	-0.477977737	-1.844399344	0.7166041	0.6533617	0.9464575	0.8086862	3.8767047
2484000000	2.513274123	-1.413716694	-2.445521913	-3.523289318	-0.089440912	-1.610385744	0.7546123	0.6665543	0.9897556	0.8307698	4.1948352
2484000000	2.513274123	-1.361356817	-2.034359761	-3.274636692	0.343553422	-1.340840809	0.7911922	0.6859116	1.0403457	0.8569549	4.5433427
2484000000	2.513274123	-1.308996939	-1.671946917	-2.937739702	0.794349557	-1.07120647	0.8249026	0.7130386	1.0957651	0.8839744	4.9045282
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2484000000	2.513274123	-1.204277184	-1.128685578	-2.036551285	1.65983526	-0.642415886	0.878144	0.7909962	1.2100385	0.928708	5.5930722
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2484000000	2.513274123	-1.047197551	-0.911772051	-0.861256642	2.602633159	-0.481154317	0.9003501	0.9056016	1.3493719	0.9461114	6.2381166
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2484000000	2.513274123	-0.733082826	-3.637492655	-0.547738925	2.791287175	-1.340840809	0.6578477	0.9388664	1.3790003	0.8010938	5.5428476
2484000000	2.513274123	-0.680678408	-4.575183815	-0.70553736	2.673050283	-2.092638473	0.5905284	0.9219835	1.3603558	0.7859014	5.2461002
2484000000	2.513274123	-0.628318531	-5.60839985	-0.975064783	2.549024653	-2.300502313	0.5243002	0.8938132	1.3410693	0.7673171	4.9262774
2484000000	2.513274123	-0.575985653	-6.646492329	-1.341707073	2.43317003	-2.432586575	0.4652382	0.8568694	1.3233007	0.755737	4.6119038
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2484000000	2.513274123	-0.471238898	-7.971851538	-2.039406259	2.252865945	-2.446210349	0.3993994	0.7907327	1.2961143	0.7545525	4.1924418
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2484000000	2.513274123	-0.366519143	-7.092473041	-2.092967209	2.105383536	-2.154295271	0.4419533	0.804177	1.2742926	0.7803425	4.3516931
2484000000	2.513274123	-0.314159265	-6.014092621	-1.431767481	2.007176721	-1.907996001	0.5003747	0.8480308	1.259966	0.8027868	4.6374376
2484000000	2.513274123	-0.261799388	-4.819333153	-0.873663403	1.68558695	-1.606211318	0.5741605	0.9043009	1.2403034	0.8111692	4.9838254
2484000000	2.513274123	-0.20943951	-3.658603848	-0.354749588	1.63399799	-1.268233264	0.6562507	0.9599807	1.2139475	0.8641484	5.3301077
2484000000	2.513274123	-0.157079633	-2.605894716	0.049583023	1.442657783	-0.923914901	0.7408073	1.0057248	1.1806819	0.8990923	5.6349945
2484000000	2.513274123	-0.104719755	-1.689025667	0.325618586	1.148650939	-0.608814524	0.8238282	1.0381998	1.141386	0.9323077	5.8786626
2484000000	2.513274123	-0.052359878	-0.911115754	0.498595479	0.809623447	-0.356715745	0.9004181	1.0598205	1.0976937	0.9597635	6.0573453
2484000000	2.513274123	-4.44E-16	-0.262558339	0.606372634	0.435974034	-0.193470611	0.9702242	1.0723057	1.0514744	0.9779721	6.1755051
2484000000	2.513274123	0.052359878	0.272344155	0.678373953	0.307487851	-0.133900457	1.0318515	1.0812315	1.0042353	0.9847024	6.2395475
2484000000	2.513274123	0.104719755	0.71146006	0.725582963	-0.379182075	-0.18120672	1.085358	1.0891242	0.9572842	0.9793539	6.2543771
2484000000	2.513274123	0.157079633	1.072471512	0.743947857	-0.327488968	-0.554235704	1.1314193	1.0874251	0.9109079	0.9629984	6.2239494
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2484000000	2.513274123	0.366519143	2.027130277	0.562864938	-2.446489306	-1.386931269	1.2628638	1.066948	0.7545283	0.8524196	5.8821782
2484000000	2.513274123	0.41887902	2.195429198	0.540521153	-2.647302478	-1.582031633	1.2875718	1.0642609	0.7372841	0.8334862	5.8057676
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2484000000	2.513274123	0.523598776	2.483073159	0.587013823	-2.436159907	-1.70777831	1.3309252	1.0699185	0.7554261	0.8215539	5.9723109
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2484000000	2.513274123	0.733082826	2.904302913	0.585750084	-0.367189615	-1.341021913	1.3970603	1.0697628	0.9586068	0.856937	6.6130777
2484000000	2.513274123	0.785398163	2.992295627	0.499644505	-0.15433062	-1.201061197	1.4112852	1.0592104	1.0132734	0.8708572	6.7584177
2484000000	2.513274123	0.837758041	3.076752972	0.375618674	0.492313578	-1.038855337	1.4250748	1.0441934	1.0583168	0.8877229	6.8777346
2484000000	2.513274123	0.890117919	3.154762084	0.271462068	0.747713412	-0.856509567	1.4379312	1.0253523	1.0898975	0.9060966	6.9646904
2484000000	2.513274123	0.942477796	3.220271239	0.036348994	0.872481197	-0.66877222	1.4488171	1.0041936	1.1056663	0.9258943	7.0138186
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2484000000	2.513274123	1.									

2484000000	2.565634	-2.199114858	-6.889407106	-10.43959397	-5.098057583	-4.687685615	0.4524073	0.3006217	0.5560286	0.5829291	-0.482238
2484000000	2.565634	-2.14675498	-6.617425568	-9.019724922	-4.054011063	-4.588808568	0.4667977	0.3540086	0.6270461	0.5896028	0.1611614
2484000000	2.565634	-2.094395102	-6.259737971	-7.95950515	-3.160449712	-4.37540653	0.4864219	0.3999675	0.6949883	0.6042681	0.770996
2484000000	2.565634	-2.042035225	-5.868880793	-7.243327653	-2.435237752	-4.06030845	0.5088104	0.4343438	0.7555063	0.6265916	1.3088011
2484000000	2.565634	-1.989675347	-5.502204029	-6.756488153	-1.875812816	-3.691947646	0.5307498	0.4593837	0.8057668	0.6537363	1.7614332
2484000000	2.565634	-1.93731547	-5.194909416	-6.353045091	-1.467733847	-3.3276164	0.549863	0.4812245	0.8445266	0.6817406	2.1352196
2484000000	2.565634	-1.884955592	-4.950570573	-5.917459154	-1.188496359	-3.012483949	0.5655506	0.5059277	0.8721179	0.706299	2.4461861
2484000000	2.565634	-1.832595715	-4.745001464	-5.424256631	-1.009224868	-2.771082645	0.5790951	0.5355534	0.8903049	0.7268518	2.7083335
2484000000	2.565634	-1.780235837	-4.538406877	-4.935453521	-0.895974642	-2.606591365	0.5930341	0.5665358	0.9019891	0.7407479	2.9297137
2484000000	2.565634	-1.72787596	-4.292356077	-4.534617137	-0.811860518	-2.502535341	0.6100735	0.5932929	0.9107663	0.7496754	3.1182785
2484000000	2.565634	-1.675516082	-3.985662007	-4.269859207	-0.720662255	-2.425710097	0.6319997	0.6112657	0.9203794	0.7563355	3.2881588
2484000000	2.565634	-1.623156204	-3.621091744	-4.139927117	-0.591629217	-2.33281979	0.659091	0.6208742	0.9341541	0.7644675	3.4596056
2484000000	2.565634	-1.570796327	-3.219836085	-4.105081576	-0.404083623	-2.183343924	0.6902528	0.62337	0.9545437	0.7777371	3.6537233
2484000000	2.565634	-1.518436449	-2.80947935	-4.103188204	-0.149921409	-1.955621171	0.7236458	0.6235059	0.9828878	0.7983971	3.8859471
2484000000	2.565634	-1.466076572	-2.413984925	-4.066444959	0.167006547	-1.656338535	0.7573572	0.6261491	1.0194134	0.8263862	4.1615838
2484000000	2.565634	-1.4137116694	-2.049703244	-3.937077254	0.53395965	-1.315802333	0.7897958	0.6355448	1.0634032	0.8594288	4.4755568
2484000000	2.565634	-1.361356817	-1.726422816	-3.676944661	0.933143666	-0.973127495	0.8197452	0.6548665	1.1134153	0.8940126	4.816074
2484000000	2.565634	-1.308996939	-1.450662167	-3.273897651	1.349171146	-0.662456629	0.8461881	0.68597	1.1674073	0.9265677	5.1684259
2484000000	2.565634	-1.256637061	-1.228857923	-2.752616726	1.749928772	-0.406810979	0.8680747	0.7238987	1.2231971	0.954244	5.5152413
2484000000	2.565634	-1.204277184	-1.069185525	-2.177790399	2.130490306	-0.218724816	0.8841801	0.7782345	1.2779694	0.9751328	5.8351819
2484000000	2.565634	-1.151917306	-0.981783892	-1.631634434	2.470986028	-0.103738857	0.893122	0.82874	1.3297044	0.9881277	6.105015
2484000000	2.565634	-1.099557429	-0.97789549	-1.17913872	2.759243821	-0.063581069	0.8935219	0.8730579	1.3739224	0.9927067	6.3051473
2484000000	2.565634	-1.047197551	-1.068687011	-0.848849745	2.986121011	-0.097754728	0.8842308	0.9008691	1.4102808	0.9888087	6.4241291
2484000000	2.565634	-0.994837674	-1.264371498	-0.636078756	3.146103389	-0.20377923	0.8645327	0.9293859	1.4364985	0.9768177	6.459335
2484000000	2.565634	-0.942447796	-1.573805074	-0.517293818	3.237437723	-0.376499317	0.834276	0.9421831	1.4516826	0.9575799	6.414807
2484000000	2.565634	-0.890117919	-2.004301175	-0.464627101	3.26207613	-0.608052625	0.793935	0.9479134	1.455807	0.9323895	6.2984954
2484000000	2.565634	-0.867758041	-2.561066315	-0.457889634	3.25774081	-1.656338535	0.7446406	0.9486489	1.4497353	0.9029462	6.1198552
2484000000	2.565634	-0.785398163	-3.245430732	-0.494481095	3.137976554	-1.196532322	0.6882219	0.9446174	1.4351551	0.8731114	5.8877938
2484000000	2.565634	-0.733038286	-4.050789283	-0.594835381	3.011546682	-1.515986312	0.6272787	0.9338094	1.444166	0.839848	5.6100937
2484000000	2.565634	-0.680678408	-4.954664345	-0.787165289	2.861944373	-1.81887454	0.5652841	0.9133595	1.3902638	0.8110661	5.296294
2484000000	2.565634	-0.628318531	-5.904754184	-1.087805402	2.575566392	-2.077063318	0.5067133	0.8822867	1.3654579	0.7873119	4.9638068
2484000000	2.565634	-0.57598653	-6.798698228	-1.475091402	2.057109479	-2.266097422	0.4571567	0.8438115	1.3423182	0.7703625	4.643777
2484000000	2.565634	-0.523598776	-7.46990735	-1.875392637	2.423636182	-2.370562962	0.42316	0.8058058	1.3222637	0.7611528	4.3822093
2484000000	2.565634	-0.471238896	-7.720852608	-2.16738396	2.15499249	-2.385379847	0.4111094	0.7791675	1.3054942	0.7598555	4.2320917
2484000000	2.565634	-0.41887902	-7.436576841	-2.221829935	2.218173115	-2.312195225	0.4247869	0.7742981	1.2909477	0.7662848	4.2339367
2484000000	2.565634	-0.366519143	-6.68266012	-1.979545158	2.121054865	-2.154870916	0.463305	0.726201	1.2765938	0.8027907	4.3927137
2484000000	2.565634	-0.314159265	-5.650450944	-1.503649669	2.007348554	-1.919170194	0.521768	0.8410417	1.259991	0.8017547	4.6714838
2484000000	2.565634	-0.261799388	-4.528992171	-0.936251717	1.860946408	-1.617399846	0.5936772	0.8978162	1.2389316	0.8300992	5.0096789
2484000000	2.565634	-0.20943951	-3.443448899	-0.408824264	1.669922562	-1.273296369	0.6727095	0.9504229	1.2119818	0.8636488	5.4489708
2484000000	2.565634	-0.157079633	-2.458888432	-0.006927125	1.42858225	-1.021704846	0.753452	1.0007978	1.1787701	0.899321	5.646863
2484000000	2.565634	-0.104719755	-1.600896376	0.297828924	1.137832796	-0.602237559	0.8316779	1.0348885	1.1399653	0.9303139	5.8883118
2484000000	2.565634	-0.052359878	-0.872088916	0.486519507	0.803934574	-0.350845424	0.9044729	1.057611	1.096975	0.9604123	6.0627786
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2484000000	2.565634	0.052359878	0.243603634	0.682337384	0.04282995	-0.143178825	1.0284429	1.081725	1.0049432	0.983651	6.2324453
2484000000	2.565634	0.104719755	0.664097002	0.722769253	-0.369033349	-0.199889703	1.0794558	1.0867721	0.9584034	0.9772496	6.2390608
2484000000	2.565634	0.157079633	1.015796349	0.723918964	-0.795402408	-0.351267512	1.1240608	1.0869159	0.9124937	0.9603657	6.2007662
2484000000	2.565634	0.20943951	1.313392115	0.682467357	-1.230822409	-0.5739064	1.1632407	1.0817412	0.8678784	0.9306021	6.1261893
2484000000	2.565634	0.261799388	1.568950873	0.606917031	-1.662110015	-0.834951451	1.1979744	1.072373	0.8258373	0.9083483	6.0304377
2484000000	2.565634	0.314159265	1.791393491	0.519936795	-2.060909229	-1.095363038	1.229127	1.0616878	0.7887775	0.8851593	5.9357418
2484000000	2.565634	0.366519143	1.989325071	0.449928178	-2.37957202	-1.316356625	1.2573791	1.053165	0.7603637	0.8919739	5.8678739
2484000000	2.565634	0.41887902	2.165777328	0.417513154	-2.556977008	-1.468717328	1.2831838	1.049242	0.7449912	0.8444309	5.8492151
2484000000	2.565634	0.471238898	2.324042774	0.426304972	-2.54939755	-1.54093755	1.306779	1.0503046	0.7465357	0.8734389	5.8916568
2484000000	2.565634	0.523598776	2.465826175	0.463594737	-2.306199684	-1.540330186	1.3282851	1.0548324	0.766814	0.8374974	5.9392395
2484000000	2.565634	0.575958653	2.592947063	0.508867549	-1.485410742	-1.485410742	1.347868	1.0603357	0.8046545	0.8428096	6.1406474
2484000000	2.565634	0.628318531	2.708282003	0.543368139	-1.348916439	-1.394588429	1.3658849	1.0645494	0.8561585	0.8516685	6.3158527
2484000000	2.565634	0.680678408	2.815900034	0.55716209	-0.764010961	-1.27832525	1.3829135	1.0662477	0.9157975	0.863145	6.5023125
2484000000	2.565634	0.733038286	2.920130111	0.544955293	-0.197067698	-1.138451075	1.3996083	1.0647503	0.9775672	0.8717572	6.6872311
2484000000	2.565634	0.785398163	3.023870076	0.504524384	0.305362993	-0.97370487	1.4164247	1.0598056	1.0357815	0.8939531	6.860221
2484000000	2.565634	0.837758041	3.126938673	0.432662061	0.712901506	-0.787603659	1.4333325	1.051035	1.0855381	0.9133134	7.0112737
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2484000000	2.565634	0.942477796	3.311396739	0.200036195	1.181699421	-0.418382022	1.464097	1.0232973	1.1457371	0.9529737	7.2082799
2484000000	2.565634	0.994837674	3.375558084	0.063348829	1.23498447	-0.292694048	1.4749521	1.00732	1.1526964	0.9668638	7.2380156
2484000000	2.565634	1.047197551	3.407312008	-0.063182597	1.172097216	-0.250293761	1.4803541	0.9927522	1.1444712	0.9715951	7.2140879
2484000000	2.565634	1.099557429	3.396537294	-0.172659615	1.008194628	-0.319074882	1.4785188	0.9803181	1.1230775	0.9639317	7.1316947
2484000000	2.565634	1.151917306	3.334016625	-0.27883878	0.761481658	-0.515983721	1.4679147	0.9684073	1.0916265	0.9423252	6.9806826
2484000000	2.565634	1.204277184	3.211657953	-0.414810338	0.545781834	-0.841525126	1.4473811	0.9533656	1.0537536	0.9076611	6.7734349
2484000000	2.565634	1.256637061	3.022654826	-0.621458236	0.111373940	-1.273751946	1.4162266	0.9309516	1.0129049	0.8635995	6.4932255
2484000000	2.565634	1.308996939	2.761748666	-0.931898623	-0.248404285	-1.762999403	1.3743186	0.8982662	0.9716458	0.8163004	6.1510569
2484000000	2.565634	1.361356817	2.425583329	-1.35757345							

2484000000	2.617993878	-2.303834613	-6.548625204	-13.69409127	-7.224726667	-5.250415824	0.4705099	0.2066786	0.4352731	0.5463604	-1.624604
2484000000	2.617993878	-2.251474735	-6.434544195	-12.61960974	-6.321719482	-5.201216919	0.4767303	0.2338942	0.4829632	0.5494639	-1.194395
2484000000	2.617993878	-2.199114858	-6.271214184	-10.92276929	-5.330912358	-5.108905665	0.4857796	0.2843554	0.5413204	0.5535346	-0.598691
2484000000	2.617993878	-2.14675498	-6.029361048	-9.33090164	-4.367026283	-4.919332959	0.4994959	0.3415505	0.6048514	0.5675882	0.0583724
2484000000	2.617993878	-2.094395102	-5.724993723	-8.119912515	-3.986660323	-4.621386234	0.5173093	0.3926489	0.668447	0.5879356	0.6917704
2484000000	2.617993878	-2.042035225	-5.402059179	-7.282759049	-2.757358842	-4.247935884	0.5369045	0.4323765	0.7280011	0.6132015	1.2534579
2484000000	2.617993878	-1.989675347	-5.103386988	-6.710733668	-2.150316227	-3.853468332	0.5556875	0.46181	0.7807	0.6416919	1.7268083
2484000000	2.617993878	-1.93731547	-4.849750197	-6.264537381	-1.66946635	-3.488428205	0.5721534	0.4861532	0.8251353	0.6692349	2.1193167
2484000000	2.617993878	-1.884955592	-4.633757996	-5.827808845	-1.297124708	-3.184681296	0.5865595	0.511222	0.8612788	0.6930522	2.4512391
2484000000	2.617993878	-1.832595715	-4.42606788	-5.361556514	-1.009096416	-2.951860824	0.6007539	0.539414	0.8903181	0.7118803	2.741909
2484000000	2.617993878	-1.780235837	-4.19056911	-4.91056911	-0.717686848	-2.718872646	0.6173014	0.5681612	0.9143567	0.7262002	3.002903
2484000000	2.617993878	-1.72787596	-3.899502991	-4.550495957	-0.574367566	-2.637412042	0.6383	0.5922093	0.9360124	0.7381241	3.2412638
2484000000	2.617993878	-1.675516082	-3.550570082	-4.332954387	-0.332930555	-2.488210364	0.6644641	0.6072287	0.9579734	0.7509128	3.4654127
2484000000	2.617993878	-1.623156204	-3.161236288	-4.264959594	-0.152457286	-2.292066551	0.6949254	0.6120008	0.9826009	0.7680627	3.6869845
2484000000	2.617993878	-1.570796327	-2.760438582	-4.311078273	0.10062492	-2.024330918	0.7277431	0.60876	1.0116522	0.7921063	3.9187165
2484000000	2.617993878	-1.518436449	-2.375795101	-4.401384282	0.39196871	-1.685545452	0.7606944	0.6024636	1.0461608	0.8236121	4.1713286
2484000000	2.617993878	-1.466076572	-2.026621206	-4.444166139	0.720123824	-1.30040671	0.7918974	0.5995035	1.0864411	0.8609534	4.4511963
2484000000	2.617993878	-1.413716694	-1.723140785	-4.348885729	1.078108713	-0.905848627	0.820055	0.606116	1.1321538	0.9009643	4.7591371
2484000000	2.617993878	-1.361356817	-1.469500891	-4.056607121	1.845504667	-0.53716277	0.8443548	0.6268587	1.1823674	0.9400303	5.0900217
2484000000	2.617993878	-1.308996939	-1.2678987	-3.565685101	1.837558508	-0.219799846	0.8641817	0.6633088	1.2356001	0.9750121	5.4234426
2484000000	2.617993878	-1.256637061	-1.121932882	-2.937751731	1.019313266	-0.031937632	0.8788269	0.7130371	1.2898692	1.0036837	5.7681527
2484000000	2.617993878	-1.204277184	-1.038212568	-2.273686531	2.560152883	0.212160146	0.8873386	0.7696897	1.3427886	1.0247266	6.0737326
2484000000	2.617993878	-1.151917306	-1.026138554	-1.670881844	2.871181629	0.319778575	0.8885729	0.8250037	1.3917431	1.037502	6.325325
2484000000	2.617993878	-1.099557429	-1.096462047	-1.190828763	3.131783302	0.3558831	0.8814078	0.8718837	1.4341321	1.0418235	6.5046614
2484000000	2.617993878	-1.047197551	-1.25951952	-0.851898972	3.332453849	0.325252508	0.8650158	0.9067787	1.4676507	1.078298	6.6023352
2484000000	2.617993878	-0.994837674	-1.523848304	-0.640723632	3.469889777	0.222442662	0.9380881	0.928889	1.4905599	1.0259404	6.6173573
2484000000	2.617993878	-0.942477796	-1.895409127	-0.528930344	3.538511996	0.002901701	0.8035909	0.9409217	1.5019055	1.0068391	6.5545682
2484000000	2.617993878	-0.890117919	-2.377141923	-0.487197544	3.531385349	-0.162475084	0.7605765	0.9454454	1.5016519	0.9814682	6.4219183
2484000000	2.617993878	-0.837758041	-2.968189469	-0.496099735	3.467913002	-0.435807936	0.7918974	0.9944489	1.4907185	0.9609534	6.2283173
2484000000	2.617993878	-0.785398163	-3.661883993	-0.554640851	3.517131517	-0.750265623	0.656003	0.9381407	1.4709085	0.9172479	5.9820796
2484000000	2.617993878	-0.733038286	-4.441499005	-0.681331807	3.195731736	-1.089492621	0.5996876	0.9245564	1.4447297	0.8821153	5.6910711
2484000000	2.617993878	-0.680678408	-5.272795814	-0.90145645	3.015758623	-1.430201396	0.5449545	0.90142	1.4151026	0.8481837	5.366084
2484000000	2.617993878	-0.628318531	-6.093118099	-1.224215792	2.828762715	-1.74376593	0.4958429	0.8685388	1.3849629	0.81811	5.0265691
2484000000	2.617993878	-0.575958653	-6.800427955	-1.6211210753	2.650520286	-2.001084279	0.4570657	0.8297351	1.3567896	0.7942291	4.7050614
2484000000	2.617993878	-0.523598776	-7.255968164	-2.0152458	2.419308082	-2.178710692	0.4337122	0.7923952	1.3321462	0.778152	4.4463828
2484000000	2.617993878	-0.471238898	-7.324915215	-2.287287212	2.354460749	-2.262352095	0.4302831	0.7684854	1.3113633	0.7706947	4.2990655
2484000000	2.617993878	-0.41887902	-6.953470759	-2.316671095	2.252392348	-2.245794851	0.4490828	0.7658901	1.2934946	0.7721653	4.2985525
2484000000	2.617993878	-0.366519143	-6.212416284	-2.054383646	2.121092824	-2.128148809	0.4890792	0.7893704	1.2765994	0.782695	4.4484605
2484000000	2.617993878	-0.314159265	-5.251039096	-1.567651044	1.995554154	-1.914308684	0.5463212	0.8348673	1.2582812	0.8022035	4.7147927
2484000000	2.617993878	-0.261799388	-4.217279564	-0.99492048	1.842551636	-1.61536964	0.6153696	0.8917723	1.2363148	0.828995	5.0409154
2484000000	2.617993878	-0.20943951	-3.215605969	-0.461541682	1.649786488	-1.273247111	0.6905891	0.9482501	1.2091755	0.8636497	5.3707741
2484000000	2.617993878	-0.157079633	-2.304583171	-0.03546035	1.465766111	-0.916606878	0.7669567	0.9959258	1.1763317	0.899849	5.6639054
2484000000	2.617993878	-0.104719755	-1.508867106	0.270110111	1.124742257	-0.594175718	0.8405366	1.0315862	1.1382486	0.9338803	5.8986924
2484000000	2.617993878	-0.052359878	-0.831401557	0.474561218	0.797205403	-0.344442755	0.9087197	1.056156	1.0961255	0.9611205	6.0685041
2484000000	2.617993878	-4.44E-16	-0.262558673	0.60637273	0.435973849	-0.193470603	0.9702241	1.0723058	1.0514744	0.9779721	6.175505
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2484000000	2.617993878	0.471238898	2.268778887	0.309728234	-2.402997134	-1.407941999	1.298491	1.0363022	0.7583159	0.8503602	5.8969691
2484000000	2.617993878	0.523598776	2.408957439	0.35890414	-2.15944895	-1.398214218	1.3196169	1.0421859	0.7798796	0.851133	6.0053764
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2484000000	2.617993878	0.628318531	2.647718252	0.490285295	-1.200658963	-1.260744339	1.3563942	1.0580697	0.8708975	0.8648938	6.340896
2484000000	2.617993878	0.680678408	2.75662473	0.54532358	-0.615003643	-1.146785448	1.3735081	1.0647954	0.9316436	0.876316	6.5395382
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2484000000	2.617993878	0.785398163	2.979043741	0.602345782	-0.830410066	-0.9082324	1.4091337	1.0718087	1.0563922	0.9088234	6.9390979
2484000000	2.617993878	0.837758041	3.09496206	0.589801802	0.908792202	-0.641747264	1.4280654	1.070262	1.1102981	0.9287795	7.1155511
2484000000	2.617993878	0.890117919	3.208251431	0.542100575	1.23773278	-0.460093763	1.4468136	1.0644004	1.1531522	0.9484082	7.2586444
2484000000	2.617993878	0.942477796	3.309442434	0.464056543	1.454266877	-0.3175113	1.4637676	1.0548794	1.1822609	0.9641052	7.3564576
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2484000000	2.617993878	1.047197551	3.427337015	0.27836127	1.548866705	-0.285275808	1.4837709	1.0325666	1.1952076	0.9676899	7.3828971
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2484000000	2.670353756	-2.35619449	-6.391520262	-14.36361379	-7.395030551	-5.914282204	0.4790976	0.191346	0.4268236	0.5061577	-1.919627
2484000000	2.670353756	-2.303834613	-6.289953783	-14.69253875	-6.931418458	-5.803878353	0.4847327	0.1842354	0.4502245	0.5126324	-1.767128
2484000000	2.670353756	-2.251474735	-6.203527963	-13.63668102	-6.270340632	-5.687031696	0.4895799	0.2080492	0.4858285	0.5195752	-1.39614
2484000000	2.670353756	-2.199114658	-6.073109517	-11.70113836	-5.493754003	-5.500469534	0.4969864	0.2599819	0.5312663	0.5308557	-0.823514
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2484000000	2.670353756	-1.675516082	-3.344149102	-4.318929951	-0.208316373	-2.347093135	0.6804442	0.6082099	0.976302	0.7632123	3.6030007
2484000000	2.670353756	-1.623156204	-2.900627838	-4.290410842	0.109603398	-2.049855062	0.7160916	0.6102102	1.0126985	0.789782	3.8869072
2484000000	2.670353756	-1.570796327	-2.474997991	-4.395337711	0.436396128	-1.692945824	0.7520559	0.6028831	1.0515255	0.8229107	4.1617701
2484000000	2.670353756	-1.518436449	-2.093831704	-4.557547024	0.776048356	-1.291131101	0.7857935	0.5917287	1.0934588	0.8618733	4.4352767
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2484000000	2.670353756	-0.680678408	-5.467547587	-1.044963286	3.123668643	-0.987939559	0.5328717	0.8866492	1.4327929	0.8294893	5.4479799
2484000000	2.670353756	-0.628318531	-6.112380797	-1.379984867	2.909710516	-1.351957417	0.4947445	0.8531012	1.3979303	0.8558588	5.1039946
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2484000000	2.670353756	-0.471238898	-6.79891633	-2.397310766	2.365733074	-2.092496466	0.4571452	0.7588125	1.3130663	0.7859147	4.388909
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2484000000	2.670353756	-0.314159265	-4.824623296	-1.62551851	1.970708243	-1.894654946	0.573811	0.8293237	1.254687	0.8040207	4.765546
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2484000000	2.670353756	-0.20943951	-2.977434911	-0.513531311	1.623367194	-1.26804024	0.7097873	0.9425913	1.2055032	0.8641676	5.3950429
2484000000	2.670353756	-0.157079633	-2.144100249	-0.077756227	1.283665994	-0.908535993	0.7812589	0.9910879	1.1733634	0.9006856	5.6804796
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2484000000	2.670353756	0.471238898	2.177845835	0.206398379	-2.243683951	-1.297468397	1.2849679	1.0240471	0.7723532	0.8612447	5.8950883
2484000000	2.670353756	0.523598776	2.308469134	0.276480169	-1.994634848	-1.289943566	1.304438	1.032343	0.794819	0.8619912	6.0066723
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2484000000	2.670353756	0.785398163	2.847606266	0.774275626	-0.785841587	-0.934981457	1.3879707	1.0932356	1.0744016	0.9134987	6.9838145
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2484000000	2.722713633	-2.408554368	-6.534918307	-14.01313367	-7.034664485	-6.725544095	0.471253	0.1992248	0.4449045	0.4610232	-2.067242
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2484000000	2.722713633	-1.780235837	-4.333980748	-4.745102545	-1.146234284	-2.676039697	0.6071569	0.5790884	0.8763716	0.7348488	2.9146957
2484000000	2.722713633	-1.72787596	-3.83790373	-4.386285657	-0.69630135	-2.374424498	0.6428428	0.6035117	0.9229644	0.7608145	3.317148
2484000000	2.722713633	-1.675516082	-3.308127547	-4.189196911	-0.262031767	-2.045562207	0.683272	0.6173624	0.970283	0.7901725	3.6969215
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2484000000	2.827433388	-0.994837674	-2.791585961	-0.987501836	4.023732986	1.739791744	0.7251381	0.8925343	1.5859296	1.2217704	6.9048711
2484000000	2.827433388	-0.942477796	-3.136788328	-0.94457664	4.015646615	1.660591527	0.6968841	0.8969651	1.5877508	1.2106806	6.8331837
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2484000000	2.827433388	0.785398163	1.882132026	1.500							

2484000000	2.879793266	-2.827433388	-19.07487766	-9.801564679	-7.965019392	-9.1315168	0.1112388	0.3235354	0.3997137	0.3494815	-4.553791
2484000000	2.879793266	-2.775073511	-16.83865426	-9.245806795	-7.502837644	-8.887966098	0.1439022	0.3449131	0.4215588	0.3594195	-3.945398
2484000000	2.879793266	-2.722713633	-13.89898217	-9.393357324	-7.216966997	-8.886167054	0.2018603	0.391034	0.435664	0.359494	-3.50368
2484000000	2.879793266	-2.670353756	-11.48474799	-10.13947233	-7.038065519	-9.012938383	0.2665401	0.3111095	0.4450991	0.3542853	-3.241196
2484000000	2.879793266	-2.617993878	-9.739481118	-11.36383046	-6.881497576	-9.153466653	0.3258562	0.2702766	0.4528195	0.3458994	-3.113242
2484000000	2.879793266	-2.565634	-8.568390904	-12.79035156	-6.721403113	-9.229147299	0.3728898	0.2293414	0.4612431	0.3455753	-3.042075
2484000000	2.879793266	-2.513274123	-7.860128602	-13.9481934	-6.520851053	-9.214625106	0.4045699	0.2007199	0.4720168	0.3461535	-2.953694
2484000000	2.879793266	-2.460914245	-7.513351195	-14.63749267	-6.268750656	-9.112546479	0.4210488	0.1854067	0.4859174	0.3502456	-2.83757
2484000000	2.879793266	-2.408554368	-7.432015359	-15.34392537	-5.971861505	-9.813088847	0.4250101	0.1709243	0.5028135	0.3583815	-2.750638
2484000000	2.879793266	-2.35619449	-7.520692083	-16.72292203	-5.651855111	-8.582191532	0.4206931	0.1458324	0.5216837	0.3722978	-2.730528
2484000000	2.879793266	-2.303834613	-7.687772941	-18.89988787	-5.39930971	-8.089025789	0.412678	0.1135025	0.5407648	0.3940476	-2.727637
2484000000	2.879793266	-2.251474735	-7.857725115	-19.79145904	-5.068841407	-7.441569242	0.4046819	0.10243	0.557902	0.4245429	-2.559459
2484000000	2.879793266	-2.199114858	-7.984359622	-17.0957918	-4.865838874	-6.691016406	0.3988247	0.1397045	0.5710946	0.4628595	-2.088879
2484000000	2.879793266	-2.14675498	-8.050305833	-13.88793643	-4.74418275	-5.904294755	0.3958081	0.2021172	0.5791497	0.5067401	-1.494712
2484000000	2.879793266	-2.094395102	-8.0465255	-11.47437144	-4.696964149	-5.135862803	0.3959804	0.2668587	0.5823067	0.5536137	-0.921137
2484000000	2.879793266	-2.042035225	-7.945109536	-9.74032394	-4.691593555	-4.417385445	0.400631	0.3258245	0.5826669	0.6013547	-0.397763
2484000000	2.879793266	-1.989675347	-7.690037725	-8.441758192	-4.668631728	-3.761141497	0.4125704	0.378366	0.5842092	0.6485492	0.1023007
2484000000	2.879793266	-1.93731547	-7.22406766	-7.384111891	-4.551647652	-3.167462405	0.435308	0.4273602	0.5921308	0.6944275	0.6250432
2484000000	2.879793266	-1.884955592	-6.538345199	-6.453190482	-4.273311244	-2.630816682	0.4710671	0.475708	0.6114127	0.7386848	1.2021381
2484000000	2.879793266	-1.832595715	-5.695049478	-5.623308015	-3.807566884	-2.143361455	0.5190958	0.5234011	0.645092	0.7813254	1.8295202
2484000000	2.879793266	-1.780235837	-4.797118469	-4.929448772	-3.18186174	-1.696969378	0.5756309	0.5699275	0.6932772	0.8225554	2.4717774
2484000000	2.879793266	-1.72787596	-3.940990124	-4.415989719	-2.457711147	-1.282945587	0.6352585	0.6012021	0.7355541	0.862691	3.0845397
2484000000	2.879793266	-1.675516082	-3.191656366	-4.120016319	-1.699346002	-0.89537359	0.6924959	0.6222991	0.8223029	0.9020515	3.6344408
2484000000	2.879793266	-1.623156204	-2.581613387	-4.020495571	-0.954099258	-0.529565651	0.7428811	0.6294703	0.8959732	0.9408529	4.1072749
2484000000	2.879793266	-1.570796327	-2.119328158	-4.067818996	-0.84301061	-0.183041061	0.7834902	0.62605	0.9717993	0.9791471	4.5074436
2484000000	2.879793266	-1.518436449	-1.797993272	-4.162960505	-0.406829194	0.145019734	0.8130183	0.61923	1.0479522	1.0168362	4.8534038
2484000000	2.879793266	-1.466076572	-1.602054969	-4.175489712	1.01012542	0.454611043	0.831567	0.6183374	1.1233272	1.057329	5.1702662
2484000000	2.879793266	-1.413716694	-1.511795611	-3.99444236	1.563086994	0.74534622	0.8402533	0.6313612	1.1971659	1.0896005	5.4794161
2484000000	2.879793266	-1.361356817	-1.506729315	-3.594511025	2.066998332	1.016228658	0.8407435	0.6611111	1.2686736	1.1241168	5.7887578
2484000000	2.879793266	-1.308996939	-1.568202483	-3.049274389	2.520956713	1.264991451	0.8348143	0.703941	1.3367427	1.1567768	6.0904027
2484000000	2.879793266	-1.256637061	-1.681073209	-2.474783005	2.921578305	1.487597119	0.8240363	0.7520749	1.3998414	1.1868056	6.3670228
2484000000	2.879793266	-1.204277184	-1.834085678	-1.96706048	3.263641826	1.678323483	0.809647	0.7973463	1.4560695	1.2131547	6.6005957
2484000000	2.879793266	-1.151917306	-2.018760553	-1.57652267	3.541197133	1.830497223	0.792614	0.840315	1.5033491	1.234596	6.7782384
2484000000	2.879793266	-1.099557429	-2.227302659	-1.311530269	3.748658084	1.937245753	0.7738109	0.8598516	1.5396886	1.2498626	6.8941587
2484000000	2.879793266	-1.047197551	-2.450690875	-1.153564153	3.881780362	1.992016829	0.7541634	0.8756323	1.5634681	1.2577689	6.9486158
2484000000	2.879793266	-0.994837674	-2.678220417	-1.074410443	3.938425378	1.988678558	0.7346644	0.8836484	1.5736976	1.2572856	6.9452258
2484000000	2.879793266	-0.942477796	-2.899075523	-1.050133264	3.919189954	1.921530595	0.7162196	0.8862126	1.5702164	1.2476033	6.8881816
2484000000	2.879793266	-0.890117919	-3.105161756	-1.06902673	3.827952089	1.785631597	0.6994262	0.8841962	1.5538089	1.2282353	6.7804162
2484000000	2.879793266	-0.837758041	-3.293340307	-1.133385719	3.762345314	1.577673149	0.6844362	0.8776689	1.5262204	1.199178	6.62349
2484000000	2.879793266	-0.785398163	-3.465309933	-1.255520359	3.464073293	1.297288878	0.6710185	0.8655411	1.4900597	1.1610861	6.4186593
2484000000	2.879793266	-0.733038286	-3.624774437	-1.448196184	3.218846426	0.948442241	0.6588117	0.8464283	1.4485795	1.153781	6.1695576
2484000000	2.879793266	-0.680678408	-3.772969345	-1.712317013	2.955993967	0.540528155	0.6476666	0.8210775	1.4053345	1.0642077	5.8855459
2484000000	2.879793266	-0.628318531	-3.904013211	-2.027575848	2.694597161	0.089094436	0.6379687	0.7918104	1.3637346	1.1010302	5.583808
2484000000	2.879793266	-0.575958653	-4.001279503	-2.349574718	2.454452676	-0.383433201	0.6308644	0.7629942	1.326547	0.9568158	5.2897595
2484000000	2.879793266	-0.523598776	-4.03641669	-2.611948011	2.24398398	-0.84636884	0.6283175	0.7402912	1.295448	0.9071551	5.0573123
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2484000000	2.879793266	-0.41887902	-3.783266225	-2.646644891	1.948149917	-1.570507861	0.6468993	0.7373399	1.2514327	0.8345927	4.7866521
2484000000	2.879793266	-0.366519143	-3.455582936	-2.33068514	1.836289647	-1.730143794	0.6717704	0.7646554	1.2354196	0.8193941	4.8389927
2484000000	2.879793266	-0.314159265	-3.012516069	-1.84129297	1.728141312	-1.706631697	0.7069264	0.8089755	1.2201327	0.8216105	5.0026637
2484000000	2.879793266	-0.261799388	-2.499785577	-1.27651049	1.605645109	-1.510587696	0.7499127	0.8633253	1.2030461	0.84603701	5.241078
2484000000	2.879793266	-0.20943951	-1.969503433	-0.726985661	1.45361062	-1.197352876	0.7971221	0.9197096	1.1821716	0.8171229	5.5067624
2484000000	2.879793266	-0.157079633	-1.463911563	-0.249067111	1.261894363	-0.845848702	0.8448983	0.9717323	1.1563644	0.9072094	5.7564923
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2484000000	2.879793266	-0.052359878	-0.608799536	0.418119695	0.748719608	-0.304640944	0.9323093	1.0493153	1.0900238	0.9655348	6.1009693
2484000000	2.879793266	-4.44E-16	-0.262558426	0.606372416	0.435974273	-0.193470365	0.9702241	1.0723055	1.0514744	0.9779721	6.1755052
2484000000	2.879793266	0.052359878	0.041261816	0.699337175	0.09902154	-0.197633165	1.0047617	1.0838442	1.0114655	0.9775035	6.1874392
2484000000	2.879793266	0.104719755	0.313185302	0.695295448	-0.248457719	-0.296357783	1.0367147	1.08334	0.9718005	0.9664561	6.1463071
2484000000	2.879793266	0.157079633	0.560176718	0.59706483	-0.590775462	-0.453625549	1.0666178	1.0711573	0.934246	0.9491147	6.0663749
2484000000	2.879793266	0.20943951	0.784221743	0.421918939	-0.910117326	-0.627373566	1.0944882	1.0497743	0.9005216	0.9303178	5.9663654
2484000000	2.879793266	0.261799388	0.98288778	0.2074873	-1.18566517	-0.781936125	1.1198101	1.0241755	0.8724022	0.9139095	5.8679081
2484000000	2.879793266	0.314159265	1.150984558	0.007971931	-1.392972086	-0.899516882	1.1416927	1.0009182	0.851827	0.9016213	5.791911
2484000000	2.879793266	0.366519143	1.282565046	-0.120259865	-1.505389765	-0.983817505	1.1591196	0.98625	0.8408732	0.892913	5.7541445
2484000000	2.879793266	0.41887902	1.372934465	-0.137322262	-1.499011351	-1.052790348	1.1712422	0.9843145	0.8414909	0.8858056	5.7625203
2484000000	2.879793266	0.471238898	1.42061072	-0.031503084	-1.36034603	-1.125130757	1.1776888	0.9963796	0.8550326	0.8785034	5.8176121
2484000000	2.879793266	0.523598776	1.429117047	0.182674965	-1.092873434	-1.208525931	1.1788427	1.0212539	0.881772	0.8701064	5.915684
2484000000	2.879793266	0.575958653	1.408194017	0.475476989	-0.71804565	-1.29543965	1.1760064	1.0526273	0.9206567	0.8614459	6.0517619
2484000000	2.879793266	0.628318531	1.373686854	0.812137099	-0.269898302	-1.367544798	1.1713437	1.0980114	0.9694046	0.8543243	6.2204133
2484000000	2.879793266	0.680678408	1.345314159	1.1575							

2484000000	2.932153143	-2.932153143	-18.19361605	-14.29783829	-10.03760815	-10.70772883	0.12311173	0.1928005	0.3148615	0.2914832	-6.723508
2484000000	2.932153143	-2.879793266	-20.13698063	-11.5927966	-8.948325031	-9.85762627	0.0984353	0.263245	0.3569306	0.3214539	-5.679392
2484000000	2.932153143	-2.827433388	-20.57730986	-10.16060029	-8.231169216	-9.344973961	0.0935695	0.3104345	0.3876516	0.3409976	-4.938661
2484000000	2.932153143	-2.775073511	-17.53678498	-9.655234943	-7.717822612	-7.17668634	0.1327886	0.3290321	0.408704	0.394234	-4.295121
2484000000	2.932153143	-2.722713633	-14.1442202	-9.905432976	-7.475795671	-9.164063779	0.1962407	0.3196895	0.4228733	0.3481744	-3.829179
2484000000	2.932153143	-2.670353756	-11.61222936	-10.81429469	-7.264915322	-9.329576164	0.2626567	0.2879289	0.4332656	0.3416026	-3.573308
2484000000	2.932153143	-2.617993878	-9.872962124	-12.24830836	-7.077702249	-9.538418872	0.3208868	0.2441094	0.4427055	0.3334871	-3.470801
2484000000	2.932153143	-2.565634	-8.752191151	-13.83345348	-6.870451342	-9.715931804	0.365082	0.2038889	0.4533957	0.3267408	-3.422888
2484000000	2.932153143	-2.513274123	-8.108801186	-14.88699141	-6.717067372	-9.812915325	0.3931515	0.1801567	0.466817	0.3231129	-3.329166
2484000000	2.932153143	-2.460914245	-7.827308215	-15.2007746	-6.30825323	-9.785379809	0.4061015	0.1737646	0.4837125	0.3241388	-3.174579
2484000000	2.932153143	-2.408554368	-7.8031475	-15.51445695	-5.951159879	-9.576405221	0.4072327	0.1676012	0.5040133	0.3230318	-3.030805
2484000000	2.932153143	-2.35619449	-7.936157087	-16.59600213	-5.56849345	-9.134309743	0.4010441	0.1479789	0.5267146	0.3439691	-2.943652
2484000000	2.932153143	-2.303834613	-8.134564476	-18.75357069	-5.194776948	-8.457627765	0.3919871	0.1154307	0.5498714	0.3776753	-2.883776
2484000000	2.932153143	-2.251474735	-8.326534362	-20.80201668	-4.869220651	-7.61138401	0.3834187	0.0911799	0.5708723	0.4163234	-2.722875
2484000000	2.932153143	-2.199114858	-8.468070763	-19.12476234	-4.62715674	-6.69164498	0.3772215	0.1106017	0.5870055	0.462826	-2.283423
2484000000	2.932153143	-2.14675498	-8.534492715	-15.75747277	-4.492135362	-5.780270889	0.3743479	0.162977	0.5962005	0.5140276	-1.683812
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2484000000	2.932153143	-2.042035225	-8.30298834	-11.1185649	-4.537720085	-4.149854258	0.3844595	0.2780173	0.593081	0.620165	-0.557227
2484000000	2.932153143	-1.989675347	-7.891084752	-9.60934622	-4.645763342	-3.454277926	0.4031306	0.330775	0.5857494	0.6718713	-0.036879
2484000000	2.932153143	-1.93731547	-7.234743541	-8.346758498	-4.709601602	-2.834746826	0.4347713	0.382527	0.5814963	0.7215437	0.5057115
2484000000	2.932153143	-1.884955592	-6.380354187	-7.234124785	-4.62810425	-2.283952765	0.4797139	0.4348042	0.5869415	0.7687805	1.1008358
2484000000	2.932153143	-1.832595715	-5.430307547	-6.267060042	-4.328071403	-1.794022667	0.5351612	0.486012	0.6075702	0.8133901	1.7347879
2484000000	2.932153143	-1.780235837	-4.493061927	-5.485967398	-3.98926878	-1.356809377	0.5961381	0.5317428	0.645734	0.8553809	2.375198
2484000000	2.932153143	-1.72787596	-3.64839465	-4.927773298	-3.096324872	-0.963821795	0.6570225	0.5670369	0.7001367	0.8949709	2.9818164
2484000000	2.932153143	-1.675516082	-2.940585112	-4.599747663	-2.30627597	-0.606479468	0.712805	0.5888608	0.7670721	0.9325584	3.5255775
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2484000000	2.932153143	-1.570796327	-1.981313954	-4.462425265	-0.70560303	0.03252513	0.7960389	0.5982445	0.9217688	1.0307516	4.4016485
2484000000	2.932153143	-1.518436449	-1.713074783	-4.45893956	0.025714992	0.326736841	0.8210059	0.5984847	1.0029649	1.0383334	4.7629023
2484000000	2.932153143	-1.466076572	-1.560274384	-4.328345007	0.69921395	0.609798688	0.8355766	0.6075551	1.0838288	1.0772288	5.1046960
2484000000	2.932153143	-1.413716694	-1.499054043	-3.991376078	1.310698289	0.883512559	0.8414868	0.6315841	1.16288	1.1070714	5.4438484
2484000000	2.932153143	-1.361338617	-1.505382465	-3.471543065	1.859766319	1.147073666	0.8408739	0.6705372	1.2387633	1.1411788	5.7814129
2484000000	2.932153143	-1.308996399	-1.557609678	-2.870831117	2.345421167	1.396679716	0.835833	0.7185524	1.3099993	1.1744485	6.1045185
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2484000000	2.984513021	0.471238898	0.807817905								

2484000000	3.036872899	-3.141592654	-16.02820984	-17.67380956	-17.99386091	-15.71534962	0.1579754	0.1307102	0.1259816	0.1637693	-10.77549
2484000000	3.036872899	-3.089232776	-16.12111126	-20.90852773	-16.98057838	-14.31472208	0.1562948	0.0900686	0.14157	0.1924261	-10.74666
2484000000	3.036872899	-3.036872899	-15.97667138	-24.37302352	-14.37362082	-12.94129136	0.1589156	0.0604434	0.1911256	0.2253904	-9.953165
2484000000	3.036872899	-2.984513021	-16.30964014	-19.68133784	-12.17191037	-11.70027766	0.1529389	0.1037369	0.246266	0.2600076	-8.370685
2484000000	3.036872899	-2.932153143	-17.42656538	-15.04287524	-10.61411695	-10.68969476	0.1344843	0.1769523	0.2946417	0.292089	-6.953455
2484000000	3.036872899	-2.879793266	-18.96325382	-12.29440131	-8.564584195	-9.966210659	0.1126775	0.2428175	0.3323359	0.3174603	-5.974762
2484000000	3.036872899	-2.827433388	-18.89823897	-10.85382204	-8.898917409	-9.538002022	0.1135241	0.2866216	0.359343	0.335031	-5.248262
2484000000	3.036872899	-2.775073511	-16.31866317	-10.41754646	-8.455198516	-9.376280875	0.1527801	0.3013857	0.377781	0.3397707	-4.644141
2484000000	3.036872899	-2.722713633	-10.8609423	-10.8609423	-8.163101528	-9.430133453	0.2120456	0.2863867	0.3907014	0.3736707	-4.245094
2484000000	3.036872899	-2.670353756	-11.29585887	-12.14409931	-7.935110903	-9.63964124	0.2724	0.2470505	0.4010924	0.3296233	-4.081208
2484000000	3.036872899	-2.617993878	-9.799915537	-14.16795052	-7.718160943	-9.942829741	0.3235968	0.1957052	0.4112368	0.318316	-4.09036
2484000000	3.036872899	-2.565634	-8.852671142	-16.30839554	-7.481103018	-10.26839861	0.360883	0.1529608	0.4226149	0.3060656	-4.130728
2484000000	3.036872899	-2.513274123	-8.327090696	-17.05085886	-7.205216041	-10.51256671	0.3833941	0.1404291	0.4362538	0.2981067	-4.025719
2484000000	3.036872899	-2.460914245	-8.109745487	-16.34708727	-6.87602005	-10.52582266	0.3931088	0.152281	0.4531051	0.297652	-3.767515
2484000000	3.036872899	-2.408554368	-8.097289453	-15.80534911	-6.483798968	-10.16414478	0.3936729	0.1620812	0.4740346	0.3103078	-3.477878
2484000000	3.036872899	-2.35619449	-8.198136001	-16.17223804	-6.031944101	-9.400277561	0.3891286	0.1553775	0.4993474	0.3388333	-3.206123
2484000000	3.036872899	-2.303834613	-8.338315865	-17.48385212	-5.543936782	-8.358355311	0.382899	0.1336003	0.5282058	0.3820166	-2.933815
2484000000	3.036872899	-2.251474735	-8.4631869	-19.09199363	-5.06067184	-7.215380881	0.3774337	0.1110198	0.558427	0.4357435	-2.599979
2484000000	3.036872899	-2.199114858	-8.527787796	-19.19451606	-4.628994259	-6.103602184	0.374637	0.1097171	0.5868813	0.5425448	-2.122102
2484000000	3.036872899	-2.14675498	-8.480265663	-17.34927076	-4.288802102	-5.089836695	0.3766923	0.1356864	0.6103232	0.5655551	-1.518256
2484000000	3.036872899	-2.094395102	-8.256292894	-15.15754441	-4.063292948	-4.195279887	0.3865319	0.1746316	0.6263305	0.6169302	-0.983827
2484000000	3.036872899	-2.042035225	-7.801635202	-13.26090424	-3.956902341	-3.717393554	0.4073036	0.2172475	0.6340958	0.7464681	-0.294458
2484000000	3.036872899	-1.989675347	-7.112532953	-11.34455931	-3.94545947	-2.747062026	0.4409338	0.2619856	0.6349317	0.7288647	0.2850151
2484000000	3.036872899	-1.93731547	-6.252015194	-10.19486008	-3.980370965	-2.170284668	0.4868546	0.3092125	0.6323848	0.7789073	0.8586601
2484000000	3.036872899	-1.884955592	-5.321143848	-8.935459154	-3.988182326	-1.676051153	0.5419295	0.3574597	0.6318164	0.8245129	1.4218677
2484000000	3.036872899	-1.832595715	-4.41590047	-7.897798026	-3.885952993	-1.253461758	0.6014575	0.4028191	0.6392965	0.8566193	1.9700796
2484000000	3.036872899	-1.780235837	-3.603336046	-7.117560422	-3.610164625	-0.981251673	0.6604397	0.4046786	0.6599207	0.9024796	2.4885152
2484000000	3.036872899	-1.72787596	-2.919038567	-6.593093064	-3.144827519	-0.975056893	0.7145754	0.4681072	0.6962394	0.9357227	2.9678719
2484000000	3.036872899	-1.675516082	-2.373722438	-6.273606648	-2.524842229	-0.297500011	0.760876	0.4856458	0.7477525	0.966329	3.4070045
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2484000000	3.036872899	-1.570796327	-1.661223842	-5.789277679	-1.068472945	0.210391069	0.8259216	0.5134949	0.8842526	1.0245179	4.2122205
2484000000	3.036872899	-1.518436449	-1.449697078	-5.338068948	-0.339287458	0.460512706	0.8462821	0.5408746	0.9616912	1.0544491	4.617397
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2484000000	3.036872899	-1.4131716694	-1.174423301	-3.827740786	0.970705578	0.98035723	0.873532	0.6345954	1.1182407	1.1194839	5.4712567
2484000000	3.036872899	-1.361356817	-1.059443789	-2.992134938	1.525381543	1.246596448	0.8851723	0.7085871	1.1919803	1.1543296	5.8894773
2484000000	3.036872899	-1.308996939	-0.937856183	-2.266837991	2.004966763	1.506841202	0.8976503	0.7207298	1.2596455	1.1894387	6.2710385
2484000000	3.036872899	-1.256637061	-0.805858426	-1.712384186	2.406611898	1.749436185	0.9113959	0.8210711	1.3192606	1.2231277	6.5978287
2484000000	3.036872899	-1.204277184	-0.668413595	-1.339359334	2.728836229	1.962006969	0.9259325	0.8571011	1.3691209	1.2534308	6.8594723
2484000000	3.036872899	-1.151917306	-0.535702785	-1.124524462	2.971188116	2.133478485	0.9401883	0.8785648	1.4078598	1.2944211	7.0533615
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2484000000	3.036872899	-0.994837674	-0.275076534	-1.010005431	3.229569231	2.329658281	0.9688269	0.8902249	1.4503688	1.3076241	7.2666816
2484000000	3.036872899	-0.942477796	-0.262429451	-1.042459642	3.169329769	2.277019924	0.9702386	0.8869048	1.4403449	1.2997236	7.2292904
2484000000	3.036872899	-0.890117919	-0.2972505	-1.10325563	3.045403612	2.163055779	0.9663567	0.8807187	1.4199406	1.2827818	7.1392422
2484000000	3.036872899	-0.837758041	-0.383764503	-1.211375798	2.66750039	1.987474988	0.9567793	0.8698236	1.3911534	1.2571114	6.9950041
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2484000000	3.036872899	-0.73038286	-0.715151052	-1.632307205	2.406715011	1.452933023	0.9209636	0.8286758	1.3192763	1.1820794	6.549212
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2484000000	3.036872899	-0.20943951	-1.217247167	-0.906455878	1.263883408	-1.096824931	0.8629359	0.9009013	1.1566292	0.881371	5.5936523
2484000000	3.036872899	-0.157079633	-0.945763612	-0.381463374	1.297373592	-0.767544142	0.8968335	0.9570328	1.1389034	0.9154251	5.818924
2484000000	3.036872899	-0.104719755	-0.693033685	0.05641688	0.943558964	-0.474266268	0.9233117	1.0065164	1.1147512	0.946862	6.0019948
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2484000000	3.036872899	0.157079633	0.562547977	-0.429108933	-0.487917376	-0.350170518	1.0296841	1.0666909	0.9517975	0.945375	6.0070518
2484000000	3.036872899	0.20943951	0.392040101	0.358499081	-0.657430689	-0.641130934	1.0461694	1.0421373	0.927104	0.9288454	5.8987024
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2484000000	3.036872899	3.089232776	-15.04216385	-16.07675487	-15.86686629	-17.00626836	0.1769668	0.157095	0.1609373	0.1411519	-9.949397
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2484000000	3.089232776	-3.089232776	-15.88053789	-20.81779858	-17.15828671	-14.1791313	0.1606842	0.0910144	0.1387029	0.1295835	-10.6648
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2484000000	3.089232776	-2.932153143	-16.43140437	-15.32637335	-10.95091904	-10.58784365	0.1508099	0.17127	0.2834354	0.2955342	-6.925627
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2484000000	3.089232776	-2.775073511	-14.94007282	-10.68315055	-8.85910697	-9.355744724	0.1790591	0.2923092	0.3606157	0.340575	-4.637906
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2484000000	3.089232776	-2.617993878	-9.547935138	-14.89075395	-8.128323026	-9.941200993	0.3331219	0.1800787	0.3922689	0.3183757	-4.26607
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2484000000	3.089232776	-2.460914245	-8.013399699	-17.03987136	-7.359936228	-10.4280753	0.3974935	0.1406068	0.4285517	0.3010206	-3.960458
2484000000	3.089232776	-2.408554368	-7.972134656	-16.15126644	-7.011838931	-9.927886077	0.3993864	0.1557531	0.4460752	0.3188642	-3.608603
2484000000	3.089232776	-2.35619449	-8.02853757	-16.13823664	-6.584041826	-9.025358191	0.3968013	0.1559896	0.4685953	0.3537379	-3.253519
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2484000000	3.089232776	-2.251474735	-8.216976518	-17.15410129	-5.532182047	-6.721924252	0.3882855	0.1387698	0.5289211	0.4612154	-2.39979
2484000000	3.089232776	-2.191474858	-8.252991951	-16.51928768	-4.991702191	-6.209180044	0.3866788	0.1492917	0.5628788	0.5235451	-1.817471
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2484000000	3.089232776	-1.570796327	-1.514657315	-6.095455139	-0.855668847	0.182105408	0.8399765	0.4957095	0.9061844	1.0211827	4.2518942
2484000000	3.089232776	-1.518436449	-1.272565371	-5.327027224	-0.206663433	0.422300617	0.8637175	0.5145626	0.9764878	1.0489205	4.6893038
2484000000	3.089232776	-1.466076572	-1.052433587	-4.365467856	0.413616353	0.675814931	0.885887	0.6049599	1.0487714	1.080913	5.1548636
2484000000	3.089232776	-1.413716694	-0.830774834	-3.365744807	0.9835915	0.941454453	0.9087852	0.6787546	1.1199009	1.1144811	5.625046
2484000000	3.089232776	-1.361356817	-0.594701727	-2.470633445	1.489561982	1.212553277	0.9338237	0.7524339	1.1870748	1.1498142	6.0707173
2484000000	3.089232776	-1.308996939	-0.343541107	-1.763673195	1.923351112	1.478094943	0.9612203	0.8162371	1.2478649	1.1855086	6.4667562
2484000000	3.089232776	-1.256637061	-0.086918981	-1.270796732	2.280537455	1.724752179	0.990043	0.8638934	1.30025	1.2196567	6.7966642
2484000000	3.089232776	-1.204727184	0.159672291	-0.976475788	2.559303628	1.939319521	1.018553	0.893668	1.3426573	1.2501611	7.0533719
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2484000000	3.089232776	-1.099557429	0.559144879	-0.804498182	2.883347447	2.231423185	1.0664911	0.9115387	1.3936938	1.2929185	7.3557667
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2484000000	3.089232776	-0.994837674	0.758872272	-0.8560772	2.912437961	2.305802999	1.0912986	0.9061417	1.3983694	1.3040377	7.4210753
2484000000	3.089232776	-0.942747796	0.768562619	-0.900522187	2.827292645	2.257932239	1.0925168	0.9051569	1.3847285	1.2968705	7.3762079
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2484000000	3.089232776	-0.104719755	-0.588797536	0.031980047	0.912678409	-0.452625161	0.9345857	1.0036886	1.110795	0.9492241	6.0166175
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2484000000	3.089232776	2.984513021	-12.08917383	-14.02838133	-11.14952849	-18.06229015	0.248623	0.1988753	0.2770279	0.1249929	-7.437136
2484000000	3.089232776	3.036872899	-13.68489382	-14.94193252	-13.17654557	-18.43104555	0.2068975	0.1790208	0.2193677	0.1197975	-8.81284
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5170000000	0	2.879793266	-11.86619105	-11.70313849	-15.85231627	-5.864975875	0.2550882	0.259922	0.1612071	0.5090392	-4.544353
5170000000	0	2.932153143	-13.17386609	-14.6824052	-15.18648497	-7.241954731	0.2194354	0.1844505	0.1740507	0.4344125	-5.913995
5170000000	0	2.984513021	-14.3371852	-19.79585197	-14.77983288	-9.293835399	0.1912921	0.10203782	0.1823931	0.3430111	-7.74738
5170000000	0	3.036872899	-14.98859347	-20.92318558	-15.17623204	-11.41880942	0.1780616	0.0899168	0.1742653	0.2685713	-8.985579
5170000000	0	3.089232776	-15.78420726	-20.24078856	-16.20182625	-13.66854635	0.1624762	0.0972659	0.1548491	0.2027873	-11.46648
5170000000	0	3.141592654	-17.27061656	-18.17238717	-17.28455383	-15.91291245	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
5170000000	0.052359878	-3.141592654	-17.27061648	-18.17238727	-17.28455378	-15.91291233	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
5170000000	0.052359878	-3.089232776	-18.75979263	-14.82444408	-17.44629977	-17.38275813	0.1153729	0.1814587	0.1341791	0.1351643	-10.96159
5170000000	0.052359878	-3.036872899	-17.90197276	-13.47003979	-16.44846952	-18.93232205	0.1273214	0.2120792	0.1505139	0.1317095	-10.41434
5170000000	0.052359878	-2.984513021	-16.53169407	-14.38201607	-14.82553385	-17.23740761	0.1490786	0.190941	0.1814359	0.1374452	-9.6442
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5170000000	0.052359878	-2.775073511	-16.51141635	-8.753416177	-11.36423557	-8.683104118	0.149427	0.3650305	0.270264	0.3679974	-4.786131
5170000000	0.052359878	-2.722713633	-14.34374618	-10.01517468	-11.4046868	-9.51343115	0.1917841	0.3156758	0.2690083	0.3344479	-5.106975
5170000000	0.052359878	-2.670353756	-12.84504722	-11.96308066	-11.83963567	-10.73982665	0.2279017	0.2522586	0.2558693	0.2904081	-5.793948
5170000000	0.052359878	-2.617993878	-12.31476356	-11.68594828	-11.90843703	-11.59338608	0.2422489	0.2604369	0.2538506	0.2632272	-5.85061
5170000000	0.052359878	-2.565634	-12.08914482	-9.615525866	-10.74145482	-10.78762899	0.2486238	0.3305398	0.2903536	0.2888142	-4.743943
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5170000000	0.052359878	1.780235837	-4.222669478	-5.437307892	-0.401217265	-10.7584821	0.6149878	0.5347301	1.0472753	0.289785	1.8921411
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5170000000	0.052359878	1.675516082	-5.668100285	-3.636979463	1.058872561	-7.27802927	0.5207089	0.6578866	1.1296493	0.4326212	2.7371267
5170000000	0.052359878	1.623156204	-5.713688154	-2.887148589	1.2433782	-6.977815211	0.5179831	0.7172038	1.153902	0.4478259	3.0636259
5170000000	0.052359878	1.570796327	-4.624001746	-2.35758249	1.389775237	-6.872864044	0.5871217	0.7622911	1.1735153	0.5432698	3.4529196
5170000000	0.052359878	1.518436449	-3.107424849	-2.009775018	1.515944579	-5.60436497	0.699244	0.7934348	1.1906859	0.5245438	4.1038397
5170000000	0.052359878	1.466076572	-1.844050873	-1.796784117	1.597490788	-3.569869089	0.8087186	0.8131315	1.2019172	0.6629893	4.8278329
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5170000000	0.052359878	1.308996939	0.482034754	-1.976891794	1.07203479	-0.780832886	1.0570651	0.9644463	1.1313624	0.9140256	5.7982362
5170000000	0.052359878	1.256637061	1.22335696	-2.332839826	0.605366759	-0.937758873	1.1512452	0.7644657	1.0721816	0.8976604	5.7684566
5170000000	0.052359878	1.204277184	1.857833478	-2.760286883	1.05426519	-1.26804839	1.2384876	0.7277558	1.0122116	0.8641668	5.71953
5170000000	0.052359878	1.159171306	2.262325131	-3.178671983	-0.30446199	-1.901167694	1.2975266	0.6953138	0.9655547	0.8034181	5.8342292
5170000000	0.052359878	1.099575429	2.435508737	-3.537842016	-0.533077629	-3.294874448	1.3236569	0.6645385	0.9404725	0.8483153	5.1388825
5170000000	0.052359878	1.047197551	2.50247643	-3.800711975	-0.571613934	-5.912415874	1.3339017	0.6456013	0.9363092	0.5062665	4.6652
5170000000	0.052359878	0.994837674	2.610991864	-3.888838532	-0.479388999	-8.631838009	1.3506711	0.6390842	0.9463037	0.3701759	4.366074
5170000000	0.052359878	0.942477796	2.793809456	-3.720561443	-0.324049965	-6.666214384	1.3794008	0.6515863	0.9633797	0.4641831	4.7572809
5170000000	0.052359878	0.890119719	2.945251892	-3.348799085	-0.14019887	-3.116464914	1.0346622	0.6800801	0.9839886	0.6281665	5.4608298
5170000000	0.052359878	0.837758041	2.928030013	-2.960400346	0.076046045	-1.240572611	1.4008818	0.7111807	1.0087936	0.8669047	5.9398323
5170000000	0.052359878	0.785398163	2.68490773	-2.675028061	0.350667142	-0.282467276	1.3622141	0.7349344	1.0411981	0.9680029	6.2485183
5170000000	0.052359878	0.733038286	2.280023714	-2.385967818	0.69837643	-0.173018596	1.3001731	0.7598041	1.0837243	0.9802776	6.285792
5170000000	0.052359878	0.680678408	1.848317176	-1.848035892	1.089896523	-0.777235114	1.2371315	0.8083477	1.1336913	0.9144043	6.2214547
5170000000	0.052359878	0.628318531	1.477144565	-1.0191737244	1.457092236	-1.809728578	1.185379	0.889228	1.1826456	0.8119206	6.1695326
5170000000	0.052359878	0.575958653	1.147663407	-0.17838725	1.937311434	-2.13057213	1.1412563	0.9796719	1.2209825	0.7824767	6.2865889
5170000000	0.052359878	0.523598776	0.808863344	0.381084959	1.891097607	-0.732625719	1.0975976	1.0448057	1.2432397	0.9191126	6.6584611
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5170000000	0.052359878	0.41887902	0.136871097	0.518869699	1.909943724	2.154795336	1.0158827	1.0615574	1.2459401	1.2815624	7.2348846
5170000000	0.052359878	0.366519143	-0.170747853	0.543420112	1.861719038	2.277982685	0.9805339	1.0645621	1.2390418	1.2998676	7.2043026
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5170000000	0.052359878	0.052359878	-0.6978								

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5170000000	0.157079633	2.722713633	-10.937774165	-18.14415553	-13.07741071	-6.329636841	0.2836657	0.1238204	0.2218858	0.4852322	-5.097762
5170000000	0.157079633	2.775073511	-10.58506131	-12.92532317	-13.99292966	-5.113690429	0.2956289	0.2258075	0.1996887	0.5505287	-3.902539
5170000000	0.157079633	2.827433388	-10.08140483	-10.92942054	-14.55207445	-4.535773243	0.3132779	0.2841378	0.1894077	0.5932139	-3.222783
5170000000	0.157079633	2.879793266	-10.58925931	-11.56389066	-14.59851392	-5.050595621	0.2954861	0.2641225	0.1862406	0.5587856	-3.710821
5170000000	0.157079633	2.932153143	-11.98792779	-14.83774595	-14.75091843	-6.55568231	0.251538	0.181181	0.1830013	0.4701277	-5.305219
5170000000	0.157079633	2.984513021	-13.24279734	-20.07106409	-15.19279073	-8.532119684	0.2177009	0.0991852	0.1739206	0.3744502	-7.277699
5170000000	0.157079633	3.036872899	-13.90323724	-20.85090072	-15.94099709	-10.60496862	0.2017614	0.0906682	0.1595696	0.2945252	-8.554753
5170000000	0.157079633	3.089232776	-15.00540898	-20.02356755	-16.74789459	-13.10410658	0.1777172	0.099729	0.1454137	0.2212049	-9.842008
5170000000	0.157079633	3.141592654	-17.27061625	-18.17238709	-17.28455403	-15.91291244	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
5170000000	0.157079633	3.141592654	-17.27061633	-18.17238729	-17.28455396	-15.91291232	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
5170000000	0.20943951	3.089232776	-19.96358697	-14.98047874	-17.08499599	-18.05953151	0.1004201	0.1782281	0.1398862	0.1250326	-11.31554
5170000000	0.20943951	3.036872899	-19.65892563	-13.57355342	-16.10959927	-19.54989258	0.1040049	0.2095667	0.1565021	0.1053187	-10.82132
5170000000	0.20943951	2.984513021	-18.25883132	-17.37244137	-14.57854106	-16.50008436	0.1221964	0.1911516	0.1866693	0.1496221	-9.767152
5170000000	0.20943951	2.932153143	-17.8181135	-14.81347547	-13.05563275	-11.80256028	0.1285566	0.181688	0.2224428	0.2569638	-8.071894
5170000000	0.20943951	2.879793266	-17.93320083	-11.96340039	-11.72910993	-9.182277528	0.1268645	0.2522493	0.259146	0.347445	-6.145662
5170000000	0.20943951	2.827433388	-17.06242455	-9.528133595	-10.53412595	-8.334783625	0.1402422	0.3338823	0.2973676	0.3830547	-7.72369
5170000000	0.20943951	2.775073511	-14.63409189	-8.793850011	-9.653147931	-8.716153008	0.1854793	0.3633352	0.3291112	0.3665999	-4.120523
5170000000	0.20943951	2.722713633	-12.10860542	-9.321766061	-9.493960367	-9.97780913	0.2480674	0.3419099	0.3351984	0.3170377	-4.136675
5170000000	0.20943951	2.670353756	-10.39117204	-9.924308559	-10.26494567	-11.86279297	0.3023023	0.3189955	0.3067275	0.2551881	-4.559339
5170000000	0.20943951	2.617993878	-9.605831119	-9.44014777	-11.34472608	-13.25764231	0.3309089	0.3372816	0.2708717	0.2173291	-4.785804
5170000000	0.20943951	2.565634	-9.573305101	-8.51961618	-11.01099564	-12.16238217	0.3321504	0.3794986	0.2814817	0.2465363	-4.18615
5170000000	0.20943951	2.513274123	-9.926201865	-8.121503713	-9.45674523	-9.547204626	0.318926	0.392577	0.3366377	0.33315	-3.214899
5170000000	0.20943951	2.460914245	-10.21099975	-8.394274622	-8.30674495	-7.211411784	0.3086384	0.3804401	0.3842534	0.4359427	-2.445234
5170000000	0.20943951	2.408554368	-10.20065904	-8.942145549	-7.964613234	-5.680025476	0.3090061	0.3571846	0.3997324	0.5199945	-2.014988
5170000000	0.20943951	2.35619449	-10.05177871	-9.004453598	-8.11628475	-4.891320992	0.3143483	0.3546315	0.3928129	0.5694216	-1.770379
5170000000	0.20943951	2.303834613	-10.03165523	-8.145293704	-8.313761465	-4.591471772	0.3150774	0.3915032	0.3839829	0.5894258	-1.514469
5170000000	0.20943951	2.251474735	-10.26879999	-6.84182994	-8.319219368	-4.62922654	0.3065914	0.4549621	0.3837417	0.5886659	-1.249015
5170000000	0.20943951	2.199114858	-10.6451589	-5.70785582	-8.039848344	-4.984371207	0.2935905	0.518331	0.396285	0.5633541	-1.05348
5170000000	0.20943951	2.14675498	-10.75660334	-4.989843907	-7.236404851	-5.416371166	0.2898477	0.5629992	0.4346901	0.5360206	-0.80221
5170000000	0.20943951	2.094395102	-10.28394781	-4.672444736	-5.794825635	-5.322765173	0.3060572	0.5839528	0.531367	0.5418284	-0.242184
5170000000	0.20943951	2.042035225	-9.471661778	-4.625947523	-4.062392848	-4.472370835	0.3360601	0.5870872	0.6264413	0.5975599	0.6166416
5170000000	0.20943951	1.986756347	-8.696464725	-4.700944843	-2.468234262	-3.488747099	0.3674318	0.5820399	0.7526417	0.6692103	1.4792172
5170000000	0.20943951	1.93731547	-7.964115041	-4.795242258	-1.214159873	-3.086773033	0.3997553	0.5757552	0.8695449	0.7009085	2.0964451
5170000000	0.20943951	1.884955592	-7.059070468	-4.8597211	-0.3237208	-3.649930316	0.4436561	0.571489	0.9634159	0.6569064	2.3665793
5170000000	0.20943951	1.832595715	-5.957208477	-4.854329066	0.259614297	-5.293510919	0.5036625	0.5718519	1.0303404	0.5436563	2.4427147
5170000000	0.20943951	1.780235837	-4.922737273	-4.730725513	0.6197724	-7.753751945	0.5673658	0.5800778	1.079361	0.4095552	2.3186849
5170000000	0.20943951	1.72787596	-4.261589323	-4.464427812	0.843415476	-9.77533964	0.6122384	0.5981066	1.1019725	0.3245137	2.4010467
5170000000	0.20943951	1.675516082	-4.143082935	-4.08565298	1.007517046	-9.988059516	0.6206487	0.6247657	1.1229899	0.3166628	2.558503
5170000000	0.20943951	1.623156204	-4.504399371	-3.65132402	1.171751774	-9.380427895	0.5953605	0.656801	1.1443498	0.3396085	2.7221023
5170000000	0.20943951	1.570796327	-4.932484515	-3.212956199	1.365843691	-8.426411719	0.5667294	0.6907998	1.1702865	0.3790351	2.9437866
5170000000	0.20943951	1.518436449	-4.828069142	-2.812194695	1.586721494	-6.507550857	0.5735834	0.7234196	1.2004279	0.4727401	3.435029
5170000000	0.20943951	1.466076572	-4.099867178	-2.494389374	1.796532935	-4.168706528	0.6237444	0.7503788	1.2297778	0.6188205	4.1438553
5170000000	0.20943951	1.4137116694	-3.147352978	-2.30952786	1.943316888	-2.326546359	0.6960307	0.7665202	1.2507366	0.7650198	4.8067748
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5170000000	0.20943951	1.151917306	2.247457942	-3.257370713	0.899530969	-1.751560537	1.2953076	0.6872765	1.1091149	0.8137362	5.8208804
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5170000000	0.20943951	0.942477796	2.842290177	-3.364470061	0.192965407	-1.516725729	1.3871215	0.6788452	1.0224645	0.8397765	5.8353089
5170000000	0.20943951	0.890119719	2.814160516	-2.731960305	0.285841206	-0.491037029	1.3826365	0.730133	1.0334562	0.9450356	6.2165444
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5170000000	0.20943951	0.785398163	2.537055384	-1.68587491	0.749763256	0.299807889	1.3392226	0.8235809	1.0901548	1.0351193	6.6246527
5170000000	0.20943951	0.733038286	2.170190907	-1.395512189	1.123512785	0.248146368	1.283836	0.8515779	1.1380875	1.0289809	6.6537819
5170000000	0.20943951	0.680678408	1.725490805	-1.06629343	1.532554927	-0.0555094	1.2197604	0.8844745	1.1929651	0.9936296	6.6302256
5170000000	0.20943951	0.628318531	1.301056898	-0.600738355	1.897532505	-0.625123212	1.1615899	0.933175	1.2441611	0.9305588	6.5869097
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5170000000	0.20943951	0.523598776	0.623534805	0.244360928	2.290498193	-0.044762249	1.0744266	1.0285326	1.301742	0.9948598	6.8475868
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5170000000	0.20943951	0.41887902	0.167773953	0.349444337	2.248363658	2.28386592	1.0195034	1.0513498	1.2954426	1.3007515	7.3602442
5170000000	0.20943951	0.366519143	-0.034783028	0.598709515	2.155058707	2.335651065	0.9960035	1.0713601	1.2816013	1.3085266	7.3424414
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5170000000	0.20943951	0.261799388	-0.653810906	1.543453214	2.06306189	1.653598458	0.9274905				

5170000000	0.20943951	2.460914245	-8.549531941	-11.02152728	-7.942878757	-3.700723493	0.37373003	0.2811406	0.4007339	0.6530762	-1.367533
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5170000000	0.20943951	3.036872899	-13.57672448	-20.74669195	-16.19095287	-10.36655429	0.2094902	0.0917625	0.1550431	0.3031603	-8.410546
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5170000000	0.20943951	3.141592654	-17.27061633	-18.17238729	-17.28455396	-15.91291232	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
5170000000	0.261799388	-3.141592654	-17.27061623	-18.1723874	-17.28455391	-15.91291244	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
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5170000000	0.261799388	-2.984513021	-18.81384153	-14.24689468	-14.39192003	-16.56217322	0.1146325	0.1939346	0.1907234	0.1485564	-9.791152
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5170000000	0.261799388	-2.879793266	-17.84523086	-12.07397724	-11.32503609	-9.536855376	0.1281559	0.2490584	0.2714865	0.3335471	-6.176178
5170000000	0.261799388	-2.827433388	-16.32404176	-9.696839032	-10.00383271	-8.708401999	0.1526855	0.2374598	0.3160883	0.6896272	-4.707804
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5170000000	0.261799388	-2.722713633	-11.67929662	-9.16682501	-8.782450489	-10.52660889	0.2606365	0.3840637	0.3638124	0.2976251	-3.943584
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5170000000	0.261799388	-2.460914245	-10.40654771	-8.117241642	-7.585678362	-6.889662197	0.3017676	0.3927696	0.4175573	0.452394	-2.133152
5170000000	0.261799388	-2.408554368	-10.82675596	-8.803488366	-7.338779115	-5.330023609	0.2875161	0.3629323	0.4295968	0.5413758	-1.822684
5170000000	0.261799388	-2.35619449	-10.86571943	-9.31791146	-7.589327892	-4.755672498	0.2862293	0.342224	0.4173819	0.5738341	-1.807707
5170000000	0.261799388	-2.303834613	-10.62942891	-9.125720511	-8.038494391	-4.892549035	0.2941227	0.3497148	0.3963467	0.5693411	-1.886644
5170000000	0.261799388	-2.251474735	-10.31027665	-8.154241669	-8.457050585	-5.4986829	0.3051309	0.3911001	0.3777004	0.530965	-1.91166
5170000000	0.261799388	-2.199114858	-9.914582731	-6.879637055	-6.506959876	-6.39785795	0.3193529	0.4529165	0.3755364	0.4787481	-1.795231
5170000000	0.261799388	-2.14675498	-9.287929174	-5.779010058	-7.665082629	-7.170180323	0.3432445	0.5141022	0.4135828	0.438017	-1.364659
5170000000	0.261799388	-2.094395102	-8.422640644	-5.035696813	-5.962326609	-7.026305563	0.3791997	0.560035	0.5033658	0.4453328	-0.500867
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5170000000	0.261799388	-1.989675347	-7.142208891	-4.427415781	-2.514318785	-4.319550439	0.4394299	0.6066067	0.748659	0.6081665	-1.5724565
5170000000	0.261799388	-1.93731547	-7.054123032	-4.330111941	-1.382052917	-4.345468874	0.4439089	0.6074274	0.8528985	0.6733278	-2.030584
5170000000	0.261799388	-1.884955592	-6.995128529	-4.259224105	-0.652423107	-4.356789996	0.4469342	0.6124051	0.9276387	0.671677	-2.4726397
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5170000000	0.261799388	-1.72787596	-4.122381378	-4.099774212	0.18555815	-6.366511184	0.6221297	0.6327561	1.021593	0.480479	-2.7595858
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5170000000	0.261799388	-1.623156204	-3.15329723	-3.885029568	0.606778298	-6.400494588	0.6955609	0.6393465	1.0723558	0.4786028	-3.1849776
5170000000	0.261799388	-1.570796327	-3.243619175	-3.654012359	0.902860756	-6.246400652	0.6883654	0.6565937	1.1095402	0.4871694	-3.3128171
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5170000000	0.261799388	-0.680678408	1.486148662	-0.725637111	1.819732454	0.272323574	1.1866084	0.9198524	1.2330669	1.0318491	-6.7917649
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5170000000	0.261799388	-0.366519143	-0.035079718	0.676750212	2.37121125						

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5170000000	0.261799388	2.408554368	-7.45278118	-13.77586333	-7.929598361	-3.133852268	0.4239952	0.2047419	0.4013471	0.6971197	-1.273727
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5170000000	0.261799388	2.670353756	-12.7160168	-21.82584092	-15.12525763	-7.9881189	0.2313125	0.0810416	0.1752819	0.3986521	-7.069101
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5170000000	0.261799388	3.089232776	-14.53064581	-19.84110094	-17.12836803	-12.76931543	0.1877015	0.1018462	0.1391815	0.2298975	-9.647813
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5170000000	0.314159265	-1.675516082	-3.819850432	-3.773929634	0.088961799	-4.76962859	0.6441804	0.6447595	1.0102947	0.5774556	3.1658193
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5170000000	0.314159265	-1.308996939	-0.609932398	-3.624777736	1.83353067	-3.31353067	0.9321877	0.6588114	1.2353781	0.6828471	4.8836228
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5170000000	0.314159265	-0.994837674	2.767918856	-3.473366605	1.10073689	0.515222169	1.3752952	0.6703964	1.0127533	1.061117	6.2764098
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5170000000	0.366519143	0.680678408	0.911513201	-0.208138272	0.						

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5170000000	0.471238898	2.303834613	-5.4746999	-6.038276289	-11.9018393	-7.059587413	0.532433	0.4989835	0.2540335	0.4436297	-1.262449
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5170000000	0.471238898	2.617993878	-10.62842998	-20.74112701	-17.46437375	-8.97483546	0.2941565	0.0918213	0.1339002	0.3584828	-17.13285
5170000000	0.471238898	2.670353756	-10.99929847	-16.54263596	-19.81501283	-8.335813409	0.2818611	0.1488909	0.1021526	0.3830093	-6.783507
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5170000000	0.471238898	2.775073511	-12.56843608	-11.28529319	-13.55826211	-4.709274715	0.2352763	0.2727315	0.209936	0.581482	-3.74557
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5170000000	0.523598776	2.251474735	-8.01163869	-5.861394515	-8.213267267	-5.761073087	0.3975741	0.5092491	0.3884916	0.5151165	-0.864726
5170000000	0.523598776	2.199114858	-7.47919398	-5.968175323	-8.512490451	-5.588004628	0.4227078	0.5030269	0.3910979	0.5255327	-0.713085
5170000000	0.523598776	2.14675498	-7.807436304	-6.306437358	-7.8647878359	-5.924384031	0.4070317	0.4881367	0.4042091	0.5055694	-0.91214
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5170000000	0.523598776	2.042035225	-9.768347454	-5.991672812	-5.275842686	-6.919822074	0.324775	0.501668	0.5447633	0.3706883	-1.200162
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5170000000	0.523598776	1.93731547	-12.65370988	-4.657895222	-2.569191361	-11.70834614	0.2329778	0.5849318	0.7415732	0.2957662	-0.822757
5170000000	0.523598776	1.884955592	-13.34126777	-4.194308952	-1.791358645	-11.25990268	0.2152468	0.6419991	0.8136396	0.2735299	-0.35722
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5170000000	0.523598776	1.623156204	-5.562811084	-2.532050777	-0.500859122	-3.006328165	0.5270593	0.7471322	0.9439675	0.7074302	3.3036669
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5170000000	0.523598776	1.518436449	-2.860675907	-2.302442964	-1.092168548	-0.92168548	0.719393	0.7671457	0.9827663	0.8818436	4.4832737
5170000000	0.523598776	1.466076572	-1.231901433	-2.322219582	0.094846604	-0.7181203	0.8677706	0.765401	1.0114032	0.9206488	5.0211355
5170000000	0.523598776	1.413716694	-0.016615968	-2.38502687	-0.150958828	-0.731458239	0.9980888	0.7598864	1.036449	0.9192361	5.3754437
5170000000	0.523598776	1.361356817	0.850509103	-2.457131847	0.409725968	-1.021228222	1.1028729	0.7536044	1.0483017	0.8890754	5.5610132
5170000000	0.523598776	1.308996939	1.624289459	-2.51723931	0.365222796	-1.249428398	1.2056312	0.7484073	1.0426202	0.8602013	5.7171748
5170000000	0.523598776	1.256637061	2.460203358	-2.563042947	0.08976555	-0.961940143	1.3274255	0.7444711	1.0220881	0.8951648	5.9970064
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5170000000	0.523598776	1.099557429	3.913665203	-2.817861095	-0.542412014	0.321884718	1.5692179	0.7229478	0.9394624	1.0737536	6.5866998
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5170000000	0.523598776	0.994837674	3.460023297	-2.89519							

5170000000	0.575958653	1.72787596	-2.445907119	-3.488542552	-6.191747112	-2.956508239	0.7545789	0.6692261	0.4902444	0.7114995	2.3638022
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5170000000	0.575958653	2.042035225	-6.025941764	-8.215439824	-9.029493613	-3.736486606	0.4996926	0.3883542	0.3536106	0.6053927	-0.481947
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5170000000	0.628318531	2.199114858	-9.021454983	-7.786398705	-18.39422493	-4.27637117	0.353938	0.4080187	0.1203064	0.6111973	-2.536725
5170000000	0.628318531	2.251474735	-9.703229032	-9.311292828	-19.5959879	-5.352936089	0.327219	0.3423224	0.1047612	0.5399496	-3.647025
5170000000	0.628318531	2.303834613	-8.830982284	-11.44379961	-18.77307498	-6.880619512	0.3617853	0.2677997	0.1151718	0.4528653	-4.454204
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5170000000	0.733038286	-1.937315447	-10.28304977	-4.948568418	-3.786477323	-4.956923657	0.3060889	0.5656881	0.6466602	0.5651371	0.3555501
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5170000000	0.733038286	-1.308996939	-1.875542378	-3.084384875</							

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5170000000	0.890117919	-2.775073511	-16.92457182	-7.809252942	-10.26027679	-11.88456848	0.1424857	0.4094965	0.3068924	0.2545491	-5.107305
5170000000	0.890117919	-2.722713633	-14.33026866	-8.016593175	-9.873502953	-9.53955768	0.192082	0.3973474	0.3208669	0.3334434	-4.126011
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5170000000	0.890117919	-2.617993878	-10.93996592	-10.11403476	-9.29408789	-7.244689413	0.283793	0.3121032	0.3430012	0.4342757	-3.266094
5170000000	0.890117919	-2.565634	-10.95770974	-11.10055032	-9.462481864	-8.363399146	0.2832139	0.2785994	0.3364154	0.3817948	-3.876274
5170000000	0.890117919	-2.513274123	-11.15206369	-11.08370202	-10.13991834	-9.936520415	0.2769471	0.2791354	0.3111746	0.3185473	-4.540339
5170000000	0.890117919	-2.460914245	-9.775585725	-10.11062586	-11.11514917	-10.98234917	0.3245045	0.3122257	0.2781266	0.2824116	-4.456769
5170000000	0.890117919	-2.40854368	-7.915963608	-8.908346457	-11.78759181	-11.89601203	0.4019776	0.3585772	0.257407	0.252414	-3.929658
5170000000	0.890117919	-2.35619449	-7.060376816	-8.028018885	-11.6156582	-13.75945056	0.44335894	0.396825	0.2625531	0.2051292	-3.687803
5170000000	0.890117919	-2.303834613	-7.506171457	-7.636881293	-8.70317569	-16.18017706	0.421397	0.4151031	0.2871584	0.1552355	-3.883909
5170000000	0.890117919	-2.251474735	-9.187482936	-7.535746524	-9.994649607	-15.49983078	0.3472369	0.4199646	0.3164226	0.1678837	-4.071929
5170000000	0.890117919	-2.199114858	-11.8951875	-7.249960778	-5.279390533	-13.07572076	0.2542381	0.4340122	0.3435853	0.221929	-4.05628
5170000000	0.890117919	-2.14675498	-14.5929524	-6.520891105	-8.95905002	-11.01605325	0.1863599	0.4720146	0.3716676	0.2813179	-3.666161
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5170000000	0.890117919	-2.042035225	-11.44929031	-4.961451977	-7.026709384	-7.039598396	0.2676304	0.5648425	0.4453121	0.4446518	-1.297733
5170000000	0.890117919	-1.989675347	-8.595100436	-4.599552899	-6.280850362	-5.731588899	0.3717449	0.588874	0.485241	0.5169167	-0.163183
5170000000	0.890117919	-1.93731547	-6.451847291	-4.449259055	-5.65222098	-4.938166171	0.4757816	0.599152	0.5216617	0.5663589	0.6803465
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5170000000	0.890117919	-1.832595715	-4.382302366	-4.035420653	-4.63802454	-3.811242141	0.6037886	0.6283896	0.5867592	0.6484191	1.8113554
5170000000	0.890117919	-1.780235837	-4.043607515	-3.606619462	-4.20158542	-3.375013903	0.6277976	0.6601901	0.6164825	0.6780306	2.2202093
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5170000000	0.890117919	-1.623156204	-3.205680929	-2.662048969	-3.282993363						

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5170000000	0.890117919	3.089232776	-12.49336494	-18.26062309	-19.35500542	-11.6045247	0.2373186	0.1221712	0.1077084	0.2628898	-8.753095
5170000000	0.890117919	3.141592654	-17.27061631	-18.17238708	-17.28455397	-15.91291238	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
5170000000	0.890117919	3.141592654	-17.27061631	-18.17238741	-17.28455411	-15.91291255	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
5170000000	0.890117919	3.089232776	-12.49336494	-18.26062309	-19.35500542	-11.6045247	0.2373186	0.1221712	0.1077084	0.2628898	-8.753095
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5170000000	0.890117919	3.089232776	-12.49336494	-18.26062309	-19.35500542	-11.6045247	0.2373186	0.1221712	0.1077084	0.2628898	-8.753095
5170000000	0.890117919	3.141592654	-17.27061631	-18.17238708	-17.28455397	-15.91291238	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
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5170000000	0.890117919	3.089232776	-12.49336494	-18.26062309	-19.35500542	-11.6045247	0.2373186	0.1221712	0.1077084	0.2628898	-8.753095
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5170000000	0.890117919	3.141592654	-17.27061631	-18.17							

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5170000000	0.942477796	1.518436449	-3.338491389	-3.542922524	-4.154373009	-2.847601128	0.6808876	0.6650494	0.6198425	0.7204767	2.5623486
5170000000	0.942477796	1.570796327	-3.176722062	-4.562292369	-4.858312351	-2.887136471	0.6936875	0.5914055	0.5715897	0.7172048	2.1911914
5170000000	0.942477796	1.623156204	-2.641636383	-5.578778525	-5.791998324	-2.757734881	0.7377652	0.5260912	0.5133341	0.7279696	1.95611
5170000000	0.942477796	1.675516082	-2.228150913	-6.398762733	-7.009927332	-2.898114008	0.7737354	0.4786983	0.4461734	0.7162989	1.6374045
5170000000	0.942477796	1.72787596	-2.386525239	-6.911019571	-8.339470512	-3.242065839	0.7597553	0.451283	0.3828481	0.6884885	1.14714
5170000000	0.942477796	1.780235837	-3.353717481	-7.187519429	-9.100865717	-3.292683274	0.7969651	0.4371435	0.3507169	0.684488	0.636421
5170000000	0.942477796	1.832595715	-5.094582365	-7.364052582	-8.724006853	-2.83545728	0.5562511	0.4283486	0.3662686	0.7214847	0.3086748
5170000000	0.942477796	1.884955592	-6.921131621	-7.505270928	-7.792481843	-2.336522212	0.450758	0.4214407	0.407733	0.7641417	0.1893297
5170000000	0.942477796	1.93731547	-7.446644357	-7.622582598	-7.120524467	-2.332248993	0.4242949	0.4515787	0.4405283	0.7654517	0.1938092
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5170000000	0.942477796	2.042035225	-6.41663171	-8.003021518	-7.667320716	-3.753974151	0.4777145	0.3979687	0.4136509	0.6490846	-0.271648
5170000000	0.942477796	2.094395102	-6.741696057	-8.3844834	-8.935272829	-4.247069127	0.4601667	0.3808692	0.3574673	0.6132627	-0.858558
5170000000	0.942477796	2.14675498	-7.546915426	-8.844006532	-10.62626344	-4.592862205	0.4194249	0.3612432	0.2942299	0.5893277	-1.596355
5170000000	0.942477796	2.199114858	-8.216005902	-9.332094917	-12.18967447	-5.269015705	0.3883289	0.3415036	0.2457629	0.5451917	-2.379232
5170000000	0.942477796	2.251474735	-8.71020256	-10.00555648	-13.1916198	-6.187535271	0.3668511	0.3160255	0.2189873	0.4904822	-3.145655
5170000000	0.942477796	2.303834613	-9.897362086	-11.23541526	-13.99958701	-6.568276189	0.3199867	0.2743022	0.1995272	0.4694466	-3.990727
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5170000000	0.942477796	2.40854368	-14.34282769	-16.29986769	-16.12660979	-5.114688194	0.1918044	0.1531111	0.1561959	0.554965	-5.546694
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5170000000	0.942477796	2.513274123	-10.95292164	-18.48604693	-16.84751491	-6.713210231	0.28337	0.1190413	0.1437554	0.4616783	-5.952724
5170000000	0.942477796	2.565634	-11.1279105	-17.39155233	-15.67202201	-10.35410934	0.2777183	0.1350275	0.1645883	0.3035949	-7.121872
5170000000	0.942477796	2.617993878	-12.65037757	-15.43324565	-13.44580678	-13.97333959	0.2330672	0.1691756	0.2126717	0.2001396	-7.796872
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5170000000	0.942477796	2.722713633	-8.96903785	-13.63626199	-11.91428502	-7.787815177	0.3560804	0.2080592	0.2536797	0.4707952	-4.252409
5170000000	0.942477796	2.775073511	-6.855359572	-15.33001223	-13.58455924	-6.199159521	0.4541842	0.1717883	0.2039014	0.4898262	-3.579495
5170000000	0.942477796	2.827433388	-6.766292832	-18.00731455	-16.2262847	-5.493428204	0.4588654	0.1257966	0.1544137	0.5312863	-3.942119
5170000000	0.942477796	2.879793266	-8.523004683	-17.71639922	-17.38921417	-5.277248525	0.3748433	0.1300709	0.1350639	0.5467675	-4.548775
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5170000000	0.942477796	3.141592654	-17.2706162	-18.17238741	-17.28455411	-15.91291255	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
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5170000000	0.942477796	3.089232776	-25.3838224	-16.69646403	-15.30160325	-20.00026715	0.0538033	0.1462773	0.1717591	0.0999969	-12.54477
5170000000	0.942477796	3.036872899	-24.43755475	-14.39269573	-14.31902154	-18.76403012	0.059996	0.1907064	0.1923308	0.1152918	-11.08286
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5170000000	0.942477796	2.932515143	-19.95483033	-10.53049121	-13.67421445	-12.44056847	0.1005214	0.2974921	0.2071521	0.2387655	-7.49446
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5170000000	0.942477796	1.832595715	-6.712742094	-3.7265214	-4.9282572						

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5170000000	0.994837674	2.565634	-9.433274381	-15.53715047	-16.21868244	-11.2061585	0.3375486	0.1671588	0.1545489	0.2752277	-6.609163
5170000000	0.994837674	2.617993878	-10.359639	-14.99851231	-14.36721953	-13.17707468	0.3034017	0.1778584	0.1912665	0.2193544	-7.704461
5170000000	0.994837674	2.670353756	-11.80587728	-13.94186555	-12.89674772	-9.648300405	0.2568657	0.2008661	0.2265492	0.3292949	-5.903474
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5170000000	0.994837674	2.827433388	-6.772262571	-16.02741505	-15.78617841	-5.438199188	0.4585502	0.1579899	0.1624393	0.5346752	-3.650972
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5170000000	0.994837674	2.984513021	-10.30207623	-15.09388603	-18.13113967	-6.32831421	0.3150621	0.1759161	0.1240061	0.4826012	-5.211832
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5170000000	0.9947197551	3.089832776	-25.53706644	-16.88172435	-15.20572196	-20.002768	0.0528624	0.1431904	0.1736656	0.0998962	-12.58442
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5170000000	0.9947197551	2.984513021	-19.91492264	-12.40194562	-14.23696748	-15.30418421	0.1009843	0.2398296	0.194564	0.1317081	-9.036164
5170000000	0.9947197551	2.932153143	-18.88722293	-10.6517084	-13.9590828	-12.179929709	0.1136682	0.2933692	0.1996204	0.2406507	-7.404527
5170000000	0.9947197551	2.879793266	-19.1411655	-9.392458405	-12.66211148	-9.812801506	0.1103937	0.3391385	0.2327525	0.3231168	-5.97381
5170000000	0.9947197551	2.827433388	-17.16526036	-8.585884867	-11.1905909	-8.750212695	0.1385916	0.3271395	0.2757214	0.3651652	-4.794433
5170000000	0.9947197551	2.775073511	-14.56619556	-8.233701	-10.426522	-8.599927316	0.1869348	0.3875382	0.3010838	0.3732533	-4.090672
5170000000	0.9947197551	2.727213633	-13.25740721	-10.34252838	-8.227923363	-7.633076298	0.217335	0.38187	0.3039036	0.3877965	-3.802714
5170000000	0.9947197551	2.670353756	-12.92086312	-8.978746723	-10.51674208	-7.320512021	0.2259121	0.3556826	0.2979634	0.4152851	-3.776196
5170000000	0.9947197551	2.617993878	-13.27124889	-10.01381853	-10.59764558	-7.32510297	0.2169889	0.3517251	0.2952003	0.4302738	-4.025689
5170000000	0.9947197551	2.565634	-14.76997499	-11.24545773	-10.65974479	-7.123440399	0.1826002	0.2739852	0.2930979	0.4403804	-4.509195
5170000000	0.9947197551	2.513724123	-17.04378531	-12.22503347	-10.86660245	-6.637896727	0.1405435	0.2447644	0.2862002	0.4656988	-4.90381
5170000000	0.9947197551	2.460914245	-14.90020708	-12.13892801	-11.06412517	-6.237547127	0.1798828	0.2472029	0.2797652	0.4876662	-4.476752
5170000000	0.9947197551	2.408554368	-10.89536128	-10.57375092	-10.93487067	-6.581310691	0.2852451	0.2960141	0.2839595	0.4687426	-3.517676
5170000000	0.9947197551	2.35619449	-8.753257268	-8.555414448	-10.22675324	-8.120628988	0.3726693	0.3734473	0.2981052	0.3926165	-2.875375
5170000000	0.9947197551	2.303834613	-7.816220097	-7.089380898	-10.52346832	-11.08234578	0.4066202	0.4421106	0.3081957	0.2791789	-2.876873
5170000000	0.9947197551	2.251474735	-8.307922804	-6.443071684	-10.2538545	-14.71897749	0.3842141	0.4766265	0.3071194	0.1862705	-3.405573
5170000000	0.9947197551	2.199114858	-9.93147015	-6.43208472	-10.48362627	-15.79896773	0.3817326	0.4768654	0.2991016	0.1622003	-4.034587
5170000000	0.9947197551	2.14675498	-12.70506634	-6.55501362	-10.46533711	-13.38005774	0.2316043	0.4701639	0.299732	0.1909841	-4.491546
5170000000	0.9947197551	2.094395102	-15.34423735	-6.257362473	-9.825947768	-12.37056416	0.1790181	0.4865549	0.3226284	0.2406976	-4.287716
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5170000000	0.9947197551	1.989675347	-11.39571879	-4.621860371	-7.553236777	-8.083756371	0.2962862	0.5873635	0.491198	0.3382867	-1.565978
5170000000	0.9947197551	1.937315477	-9.886182315	-3.975815575	-6.538553833	-6.5					

5170000000	1.047197551	0.785398163	0.152421466	2.33706607	-5.099456795	0.691387746	1.017703	1.3087398	0.555939	1.0828527	5.9447777
5170000000	1.047197551	0.837758041	-0.482143094	2.586366441	-8.061247765	0.554617733	0.9460037	1.3468472	0.3953098	1.0659354	5.4695079
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5170000000	1.047197551	1.151917306	-3.014893327	3.27985077	-10.47202488	-0.400373929	0.7067329	1.4451045	0.2995013	0.9549515	4.6250331
5170000000	1.047197551	1.204277184	-3.614477787	3.982094284	-8.432462344	-0.307760191	0.6595931	1.4096286	0.3787711	0.9651882	4.6425866
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5170000000	1.047197551	1.466076572	-5.032065888	-1.150090768	-4.354288762	-1.347670963	0.5602691	0.8759826	0.605739	0.8562813	3.222183
5170000000	1.047197551	1.518436449	-5.333637552	-2.242676046	-4.666119292	-1.635196459	0.5411506	0.7724426	0.5843782	0.8284002	2.6911009
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5170000000	1.047197551	1.884955592	-6.22680658	-8.472586974	-10.25587129	-1.829947833	0.4882696	0.3770254	0.3081105	0.8100328	-0.072226
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5170000000	1.099557429	-2.042035225	-12.21633311	-5.674215331	-8.689244						

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5170000000	1.099557429	1.361356817	-5.691821253	0.824001217	-5.894403673	-0.979700499	0.5192888	1.0995122	0.5073175	0.8933363	3.5779706
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5170000000	1.099557429	1.466076572	-6.311370837	-1.087651395	-5.169826854	-2.037607146	0.4835389	0.8823023	0.5514532	0.7908965	2.6329858
5170000000	1.099557429	1.518436449	-6.414712717	-2.066882205	-5.10446325	-2.265466693	0.47782	0.7882353	0.5556187	0.7704184	2.2524099
5170000000	1.099557429	1.570796327	-6.429940473	-3.006557646	-5.180374256	-2.249500715	0.4769831	0.7074115	0.5507784	0.7718359	1.9625368
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5170000000	1.099557429	1.72787596	-5.294091779	-5.570468522	-7.957148111	-2.661144303	0.54362	0.5265948	0.4000761	0.7361101	0.853089
5170000000	1.099557429	1.780235837	-4.78940721	-6.216112352	-9.462341243	-2.457273859	0.5761421	0.4888711	0.3364209	0.753592	0.6484511
5170000000	1.099557429	1.832595715	-4.880312807	-6.691537108	-9.643595157	-2.160847246	0.5701437	0.4628318	0.3294747	0.779754	0.5966174
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5170000000	1.099557429	1.93731547	-7.402041491	-7.229852899	-7.776164845	-0.88606022	0.4264793	0.4350181	0.4227846	0.707611	0.065201
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5170000000	1.099557429	2.14675498	-5.669171301	-9.239473017	-6.882057878	-4.738188005	0.5206447	0.3451647	0.4527903	0.5795496	0.453993
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5170000000	1.099557429	2.35619449	-7.078327459	-12.58726701	-12.97653577	-5.406243352	0.4427636	0.2347668	0.2244777	0.5366459	2.862016
5170000000	1.099557429	2.408554368	-8.706103614	-12.10362521	-13.59891455	-5.058083344	0.3670243	0.2482097	0.2088557	0.5585934	3.205518
5170000000	1.099557429	2.460914245	-10.85252287	-11.62624093	-14.24618902	-5.788163038	0.2866645	0.2622334	0.1939503	0.5135608	4.037979
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5170000000	1.099557429	2.565634	-7.381278671	-13.79933298	-19.29372839	-11.10360718	0.4274999	0.2041895	0.108471	0.2784964	5.860042
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5170000000	1.151917306	2.617993878	-6.275340706	-16.94003415	-20.75826399	-8.676726393	0.4855489	0.1422323	0.0916403	0.3682677	-5.290503
5170000000	1.151917306	2.670353756	-8.299110449	-16.13270728	-18.67891053	-6.831846208	0.3846312	0.1560862	0.1164272	0.4554154	-5.094131
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5170000000	1.151917306	3.089232764	-12.08630477	-17.50568986	-20.00739087	-15.17795171	0.2487051	0.1332468	0.0999149	0.2636953	-8.570712
5170000000	1.151917306	3.141592656	-17.27061609	-18.17238716	-17.28455373	-15.92912524	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
5170000000	1.204277184	3.141592656	-17.27061612	-18.17238716	-17.28455374	-15.92912524	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
5170000000	1.204277184	3.089232776	-13.089232776	-25.7300042	-17.48756912	-19.90402773	0.0517011	0.1335431	0.179084	0.101111	-12.63342
5170000000	1.204277184	3.036872899	-22.84245335	-15.50793376	-14.05989886	-17.81917886	0.0720904	0.1677721	0.1981552	0.1285408	-10.95639
5170000000	1.204277184	2.984513021	-18.01592794	-13.26922984	-14.45871681	-14.74431354	0.1256619	0.2170394	0.1892623	0.1831405	-8.933215
5170000000	1.204277184	2.932153143	-16.41496669	-11.47796967	-14.49044213	-12.09172308	0.1510955	0.2666952	0.1885723	0.24855	-7.382161
5170000000	1.204277184	2.879793266	-16.77287057	-10.35017124	-12.82935807	-9.751657293	0.1449962	0.3037326	0.2283138	0.3253997	-5.999413
5170000000	1.204277184	2.827433388	-15.91331912	-9.907849425	-11.19609294	-8.260310655	0.1600789	0.3196006	0.2755466	0.3863532	-4.870479
5170000000	1.204277184	2.775073511	-13.41181602	-10.1083702	-10.72301897	-7.744342701	0.2135056	0.3123067	0.2909706	0.4099991	-4.245253
5170000000	1.204277184	2.722713633	-11.91025952	-10.85580855	-11.37750799	-7.913149992	0.2537973	0.286556	0.2698514	0.401078	-4.348308
5170000000	1.204277184	2.670353756	-11.49841709	-11.93501748	-12.36935759	-8.302516769	0.266121	0.2530749	0.2407311	0.3844804	-4.848987
5170000000	1.204277184	2.617993878	-10.91497598	-12.76227345	-12.33257435	-8.348080048	0.2846107	0.230084	0.2417527	0.3824688	-4.890765
5170000000	1.204277184	2.565634	-9.445352689	-12.61996781	-11.30771005	-7.66196251	0.3370795	0.2338846	0.2720442	0.4139061	-4.034485
5170000000	1.204277184	2.513274123	-7.977077895	-11.85793688	-10.47396724	-6.608472587	0.3991592	0.2553038	0.2994344	0.4672791	-2.967475
5170000000	1.204277184	2.460914245	-7.254555638	-11.2745054	-10.29413696	-5.835971653	0.4337827	0.2730705	0.3056984	0.5107418	-2.364929
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5170000000	1.204277184	2.303834613	-8.784557586	-8.184250597	-11.08998203	-6.657805944	0.3637241	0.3897512	0.2789337	0.4646326	-2.515922
5170000000	1.204277184	2.251474735	-9.34541927	-6.752807369	-1						

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5170000000	1.204277184	0.523598776	-0.466955312	2.43027709	-0.890580673	2.554743296	0.9476593	1.3228599	0.9025494	1.3419526	7.0725959
5170000000	1.204277184	0.575958653	0.112691835	2.299057851	-0.977744549	2.380458875	1.0130587	1.3200254	0.8935375	1.3152943	7.0916103
5170000000	1.204277184	0.628318531	0.556713804	2.183838866	-1.632215645	2.143448125	1.0661927	1.2858548	0.8286845	1.2798893	6.9673072
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5170000000	1.204277184	0.730308286	0.742413267	2.15041714	-0.955283986	1.803121857	1.0893227	1.2809166	0.5600616	1.230711	6.3631914
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5170000000	1.204277184	1.099557429	-4.096918481	1.470478168	-5.757232931	-0.266527628	0.6239562	1.1844696	0.5153928	0.9697809	4.3328156
5170000000	1.204277184	1.151917306	-4.614431924	0.877915507	-7.493157857	-0.889569574	0.5878661	1.1063582	0.4220288	0.9026544	3.5736964
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5170000000	1.256637061	1.308996939	-3.966943629	-1.520165116	-10.07727173	-2.583081587	0.633632	0.839444	0.2326662	0.7427556	1.724547
5170000000	1.256637061	1.361356817	-0.02357012	-2.323930839	-9.258607574	-3.432895317	0.6292473	0.7652502	0.3444051	0.6735204	1.6284665
5170000000	1.256637061	1.4131716694	-4.669172222	-3.135954961	-7.295214136	-4.123171883	0.5814729	0.696951	0.4317569	0.6207031	1.3449666
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5170000000	1.256637061	1.518436449	-6.472671864	-4.212179765	-5.506637413	-4.560400819	0.4746243	0.5941692	0.5304789	0.5980644	0.8174037
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5170000000	1.256637061	1.72787596	-6.163284558	-5.763288959	-9.114914935	-3.23627073	0.4918535	0.5150336	0.5051051	0.6891578	0.1983402
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5170000000	1.308996939	3.036872899	-9.506743429	-15.0702301	-21.14868828	-8.700787547	0.3347055	0.1763959	0.0876124	0.367249	-6.321392
5170000000	1.308996939	3.089232766	-11.97531141	-17.06402482	-20.23840851	-11.68383132	0.2519036	0.1402164	0.0972925	0.2605004	-8.520382
5170000000	1.308996939	3.141592654	-17.2706164	-18.17238716	-17.28455385	-15.91291232	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
5170000000	1.361356817	-3.141592654	-17.27061629	-18.17238709	-17.28455369	-15.91291249	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
5170000000	1.361356817	-3.089232776	-25.56071977	-18.14673243	-14.70331338	-19.66176798	0.0527186	0.1237837	0.184007	0.139709	-12.68126
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5170000000	1.361356817	-2.932153143	-15.10629225	-12.84589118	-13.94736211	-11.68632129	0.1756651	0.2278796	0.2007391	0.2604258	-7.283196
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5170000000	1.361356817	-2.775073511	-13.61650599	-12.05938223	-11.8801062	-8.170232481	0.208533	0.2494772	0.2758033	0.3903807	-5.003773
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5170000000	1.361356817	-2.670353756	-10.16107034	-14.65991001	-13.54619686	-7.591294527	0.3104177	0.1849288	0.2102278	0.4172874	-5.014075
5170000000	1.361356817	-2.67993878	-10.09117571	-14.80200981	-12.59791668	-7.358741848	0.3129257	0.181928	0.2344791	0.4286106	-4.746853
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5170000000	1.361356817	3.141592654	-17.27061629	-18.17238709	-17.28455369	-15.91921249	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
5170000000	1.361356817	3.141592654	-17.27061624	-18.17238728	-17.28455392	-15.91291238	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
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5170000000	1.361356817	2.670353756	-10.21835465	-13.7292596	-13.360200						

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5170000000	1.413716694	1.832595715	-4.133642592	-4.177694865	-9.818356419	-3.117606989	0.6213236	0.6181804	0.3229105	0.6984248	1.0647942
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5170000000	1.466076572	2.879793266	-10.55697972	-10.16971892	-10.36291665	-6.736084255	0.2965863	0.3101088	0.3032873	0.4604641	-3.283359
5170000000	1.466076572	2.932153143	-9.646370893	-10.98924938	-13.27921538	-6.495641599	0.329368	0.2821873	0.21679	0.4733887	-3.70154
5170000000	1.466076572	2.984513021	-8.96277343	-12.53998013	-18.2786028	-7.331756426	0.3563373	0.2360484	0.1219234	0.4299443	-4.850156
5170000000	1.466076572	3.036872899	-9.420691522	-14.59779232	-21.50311186	-9.135139503	0.3380379	0.186256	0.0841094	0.3493357	-6.395656
5170000000	1.466076572	3.089232776	-11.96651237	-16.63945793	-20.32559155	-11.86803737	0.2521589	0.1472404	0.0963209	0.255034	-8.510643
5170000000	1.466076572	3.141592654	-17.2706165	-18.17238716	-17.28455381	-15.91291246	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
5170000000	1.466076572	3.141592654	-17.27061646	-18.17238733	-17.28455384	-15.91291214	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
5170000000	1.466076572	3.089232776	-25.11948738	-18.81457198	-14.50190387	-19.31029538	0.0554658	0.1146229	0.1883236	0.1082643	-12.64028
5170000000	1.466076572	3.036872899	-21.26543032	-17.93514959	-13.35801039	-15.80482119	0.0864427	0.126836	0.2148323	0.162091	-10.60059
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5170000000	1.466076572	2.932153143	-14.68352032	-14.26866195	-12.69400651	-9.729104153	0.1844268	0.1934492	0.2318994	0.3262457	-6.594887
5170000000	1.466076572	2.879793266	-16.9589544								

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5170000000	1.518436449	-0.104719755	0.454769073	2.356452215	2.603883996	1.528292154	1.0537521	1.311664	1.3495662	1.1923798	7.7963623
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5170000000	1.518436449	-4.44E-16	-0.493607333	2.5186952	2.038146888	2.56023434	0.9447559	1.3363947	1.2644665	1.3428012	7.7627675
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5170000000	1.518436449	0.261799388	-0.305411003	3.343453705	1.550562327	3.684055633	0.9654493	1.4695105	1.06599	1.5282795	8.0094286
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5170000000	1.518436449	0.575958653	-1.05652136	3.019839413	-1.993487955	2.536616807	0.8854702	1.4157676	0.794924	1.1339155	6.9178929
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5170000000	1.570796327	-3.141592654	-17.27061656	-18.17238717	-17.28453368	-15.91291245	0.1369207	0.1234186	0.1367012	0.1600864	-11.10152
5170000000	1.570796327	-3.089232776	-24.92766824	-19.02891413	-14.44339664	-19.17640828	0.0567004	0.111829	0.1895964	0.109946	-12.61428
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5170000000	1.570796327	-2.984513021	-16.12703909	-16.56095506							

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5170000000	1.623156204	2.670353756	-7.305501584	-7.398711332	-20.44013455	-6.150221112	0.4312458	0.4266248	0.095059	0.4925938	-2.819989
5170000000	1.623156204	2.722713633	-9.057942563	-7.829729785	-16.08759247	-7.233184282	0.3524543	0.4059883	0.1568991	0.4348513	-3.412683
5170000000	1.623156204	2.775073511	-12.60487586	-8.823932351	-11.680373109	-8.69642845	0.2342913	0.362079	0.2606042	0.3674334	-4.262077
5170000000	1.623156204	2.827433388	-14.08600636	-9.885211331	-10.07053244	-8.945048043	0.1975603	0.3204346	0.3136703	0.3570653	-4.518932
5170000000	1.623156204	2.879793266	-12.19034758	-10.60988588	-10.92841386	-7.952126562	0.2457438	0.2947852	0.2841707	0.4003074	-4.257827
5170000000	1.623156204	2.9325153143	-10.17187723	-11.31884764	-14.25063477	-7.484353477	0.3100317	0.27168	0.1938502	0.4224568	-4.451328
5170000000	1.623156204	2.984513021	-9.024350923	-12.492228081	-19.454054017	-8.096462037	0.3538201	0.2373482	0.1065977	0.3937104	-5.260313
5170000000	1.623156204	3.036872899	-9.476641167	-14.20773728	-21.4757816	-9.617498094	0.3358675	0.1948108	0.0843744	0.329307	-6.517851
5170000000	1.623156204	3.089232766	-12.0608784	-16.2372534	-20.26767844	-12.11673599	0.2494342	0.1542188	0.0969652	0.2478353	-8.537302
5170000000	1.623156204	3.141592654	-17.27061								