

Meruthree-secondary patterns								
(A+)	(B*G)	^C)	^(1/D)	dec.fraction	log2	answer = G		AHn-D + Bhn-(D-C)
1	1	1	25	1.028699936	0.04082222			
1	1	2	25	1.029320143	0.041691764			
1	1	1	24	1.029939697	0.04255987		meru179	
1	1	3	25	1.029977933	0.042613428			
1	1	4	25	1.03067732	0.043592731			
1	1	1	23	1.031291412	0.044452053		meru171	
1	1	2	23	1.032031592	0.045487135		meru170	
1	1	6	25	1.032220269	0.045750865			
1	1	1	22	1.032770966	0.046520349		meru 149	
1	1	3	23	1.032821061	0.046590325		meru 169	
1	1	5	24	1.032922064	0.046731404		meru 178	
1	1	7	25	1.03307564	0.04694589			
1	1	4	23	1.033665629	0.047769577		meru 168	
1	1	8	25	1.033996637	0.048231493			
1	1	1	21	1.034397396	0.048790549		meru 139	
1	1	3	22	1.034455296	0.0488713		meru 148	
1	1	5	23	1.03457213	0.049034233		meru 167	
1	1	7	24	1.034750025	0.049282284		meru 177	
1	1	9	25	1.034992314	0.049620054		meru 192	
1	1	2	21	1.035296059	0.050043388		meru 138	
1	1	6	23	1.035548672	0.050395363		meru 166	
1	1	1	20	1.036193717	0.051293741		meru 127	
1	1	5	22	1.036397297	0.051577157		meru 147	
1	1	7	23	1.036604958	0.0518662		meru 165	
1	1	11	25	1.037253946	0.052769146		meru 191	
1	1	4	21	1.037301349	0.052835076		meru 137	
1	1	8	23	1.037752732	0.05346273		meru 164	
1	1	1	19	1.038188019	0.054067744		meru 119	
1	1	3	20	1.038267156	0.054177711		meru 126	
1	1	5	21	1.038427173	0.054400041		meru 136	
1	1	12	25	1.038549897	0.054570532		meru 190	
1	1	7	22	1.038671674	0.054739688		meru 146	
1	1	9	23	1.039006364	0.055204492		meru 163	

1	1	2	19	1.039302116	0.055615094		meru 118	
1	1	11	24	1.039439469	0.055805746		meru 176	
1	1	13	25	1.039982366	0.056559066		meru 189	
1	1	10	23	1.04038368	0.057115674		meru 162	
1	1	1	18	1.040414948	0.057159032		meru 101	
1	1	3	19	1.040508692	0.057289016		meru 117	
1	1	9	22	1.041388318	0.058508128		meru 145	
1	1	14	25	1.041578112	0.058771036		meru 188	
1	1	4	19	1.041821501	0.059108117		meru 116	
1	1	11	23	1.041907126	0.059226684		meru 161	
1	1	8	21	1.042460067	0.05999212		meru 135	
1	1	13	24	1.04256118	0.060132047		meru 175	
1	1	1	17	1.042917732	0.060625359		meru 95	
1	1	5	19	1.043257403	0.061095158		meru 115	
1	1	12	23	1.043605467	0.061576407		meru 160	
1	1	7	20	1.043606704	0.061578117		meru 125	
1	1	2	17	1.044335177	0.062584816		meru 94	
1	1	6	19	1.044837337	0.063278357		meru 114	
1	1	16	25	1.045411212	0.064070538		meru 187	
1	1	13	23	1.045516331	0.064215598		meru 159	
2	1	1	25	1.04555445	0.064268196		""	
1	1	1	16	1.045751024	0.064539411		meru 79	
1	1	3	17	1.045886822	0.064726743		meru 93	
1	1	10	21	1.045904896	0.064751674		meru 134	
1	1	5	18	1.046162716	0.06510726		meru 100	
1	2	1	25	1.046192847	0.065148811			
2	1	2	25	1.046222553	0.065189775			
1	1	7	19	1.04658771	0.065693223		meru 113	
2	1	3	25	1.046932491	0.066168417			
1	1	9	20	1.047176419	0.066504515		meru124	
2	1	1	24	1.047525179	0.066984923			
1	2	2	25	1.047556538	0.067028111			
1	1	4	17	1.047595637	0.067081956		meru 92	
2	1	4	25	1.047688672	0.067210074			
1	1	14	23	1.047690146	0.067212103		meru 158	
1	1	17	25	1.047759999	0.06730829		meru 186	

1	1	11	21	1.047950649	0.067570778		meru 133	
1	2	1	24	1.048220421	0.06794212			
1	1	8	19	1.048542415	0.068385222		meru 112	
1	1	13	22	1.048942043	0.068934967		meru 144	
1	1	1	15	1.048984935	0.068993958		meru 71	
1	2	3	25	1.049027678	0.069052743			
1	1	3	16	1.049151479	0.069222993		meru 68	
2	1	6	25	1.049361019	0.069511103			
1	1	5	17	1.049490614	0.069689264		meru 91	
2	1	1	23	1.049674138	0.069941526			
1	1	7	18	1.050015094	0.070410066		meru 99	
1	1	15	23	1.050196499	0.070659291		meru 157	
2	1	7	25	1.050290118	0.070787894			
1	2	1	23	1.050434169	0.070985751			
2	1	2	23	1.050472813	0.071038824			
1	1	18	25	1.050510789	0.071090978		meru 185	
1	2	4	25	1.050620822	0.071242082			
1	1	9	19	1.050745863	0.071413776		meru 111	
2	1	5	24	1.050750034	0.071419503			
1	1	2	15	1.050848921	0.07155527		meru 70	
2	1	8	25	1.051291771	0.072163124			
2	1	3	23	1.051326419	0.072210671			
1	1	6	17	1.051609002	0.072598397		meru 90	
1	1	11	20	1.051714716	0.072743418		meru 123	
1	1	17	24	1.051781816	0.07283546		meru 174	
2	1	1	22	1.052026651	0.073171253			
1	2	2	23	1.052067651	0.073227477			
2	1	4	23	1.052241345	0.073465644			
2	1	9	25	1.052375866	0.073650068			
1	1	1	14	1.05271092	0.074109319		meru 63	
2	1	7	24	1.052736264	0.074144051			
1	2	1	22	1.052860969	0.074314939			
1	1	13	21	1.052968897	0.074462822		meru 132	
1	1	16	23	1.053134933	0.074690294		meru 156	
2	1	5	23	1.053225098	0.074813806			
1	1	10	19	1.053257675	0.074858428		meru 110	

1	1	5	16	1.053341647	0.074973445		meru 77	
1	1	19	25	1.053801622	0.075603306		meru 184	
1	2	3	23	1.05384298	0.075659925			
2	1	3	22	1.05384782	0.075666551			
1	1	7	17	1.053999658	0.075874399		meru 89	
1	2	6	25	1.054246586	0.076212349			
2	1	6	23	1.054286571	0.076267067			
1	1	15	22	1.054579142	0.076667368		meru 143	
2	1	1	21	1.054613078	0.076713793			
2	1	11	25	1.054841797	0.077026643			
1	2	5	24	1.054990407	0.077229881			
1	1	4	15	1.055234317	0.077563387		meru 69	
2	1	7	23	1.0554364	0.077839645			
1	2	1	21	1.055533131	0.077971863			
2	1	2	21	1.05558469	0.078042331			
1	2	4	23	1.055781444	0.078311215			
2	1	5	22	1.055955907	0.078549594			
1	1	11	19	1.056160289	0.078828803		meru 109	
2	1	12	25	1.056256286	0.078959928			
1	2	7	25	1.056326151	0.079055349			
1	2	3	22	1.056624516	0.079462789			
1	1	17	23	1.056654444	0.079503651		meru 155	
2	1	8	23	1.056687433	0.079548692			
1	1	8	17	1.056728247	0.079604415		meru 88	
1	1	1	13	1.057050575	0.080044405		meru 57	
1	1	3	14	1.057313212	0.080402815		meru 62	
2	1	1	20	1.057470136	0.08061692			
1	2	2	21	1.057525173	0.080692005			
2	1	4	21	1.057759891	0.081012177			
1	1	13	20	1.057784352	0.081045539		meru 122	
2	1	13	25	1.057820512	0.081094855			
2	1	11	24	1.057850097	0.081135204			
1	2	5	23	1.057909042	0.081215592			
2	1	9	23	1.058055379	0.081415141			
2	2	1	25	1.058232206	0.08165623			
2	1	7	22	1.058432955	0.081929886			

1	2	1	20	1.058489852	0.082007438			
1	2	8	25	1.058624089	0.082190389			
1	1	7	16	1.058693161	0.082284516		meru 76	
2	1	5	21	1.058984609	0.082681622			
1	1	19	24	1.059371146	0.08320812		meru 173	
1	2	7	24	1.05941525	0.083268182			
2	2	2	25	1.059536877	0.083433801			
2	1	10	23	1.059559693	0.083464868			
2	1	14	25	1.059563501	0.083470053			
1	1	12	19	1.05957188	0.083481462		meru 108	
1	1	2	13	1.059611021	0.083534755		meru 56	
2	1	3	20	1.059717147	0.083679242			
1	1	9	17	1.059885672	0.083908652		meru 87	
1	2	6	23	1.060257903	0.084415237			
2	1	1	19	1.060642647	0.084938664			
2	2	1	24	1.060785603	0.085133101			
2	2	3	25	1.060943462	0.085347776			
1	1	18	23	1.060991598	0.085413231		meru 154	
1	2	5	22	1.06115733	0.085638569			
1	2	9	25	1.061180517	0.085670094			
2	1	11	23	1.061224841	0.085730352			
2	1	13	24	1.061261292	0.085779904			
2	1	9	22	1.061399342	0.08596756			
1	1	11	18	1.06150446	0.086110433		meru 98	
1	2	1	19	1.061779143	0.086483708			
2	1	2	19	1.061850079	0.086580089			
1	2	4	21	1.062119617	0.086946253			
1	1	1	12	1.062169168	0.087013557		meru 45	
2	2	4	25	1.062465491	0.087415983			
1	1	3	13	1.062508705	0.087474661		meru 55	
1	1	17	22	1.062724065	0.087767051		meru 142	
1	2	7	23	1.062868258	0.087962786			
1	1	21	25	1.063036511	0.088191149		meru 183	
2	1	12	23	1.063082128	0.088253056			
1	2	3	20	1.063151827	0.088347641			
2	1	3	19	1.063160908	0.088359963			

1	1	5	14	1.063207724	0.08842349		meru 61	
2	1	8	21	1.063385873	0.088665205			
2	2	1	23	1.063573201	0.088919331			
1	1	10	17	1.063602412	0.088958954		meru 86	
1	1	13	19	1.06366974	0.089050277		meru 107	
2	1	16	25	1.06375008	0.08915924			
2	1	1	18	1.064185914	0.089750213			
1	2	2	19	1.064262207	0.089853638			
1	1	7	15	1.064309708	0.089918027		meru 68	
1	1	16	21	1.064581637	0.090286587		meru 131	
2	1	4	19	1.064590311	0.090298341			
1	2	5	21	1.064794921	0.090575595			
2	2	2	23	1.065137418	0.091039571			
2	1	13	23	1.065172439	0.091087005			
1	2	1	18	1.065460464	0.09147706			
2	1	7	20	1.065539294	0.091583796			
1	2	8	23	1.065791244	0.091924885			
1	1	4	13	1.065826244	0.091972262		meru 54	
1	1	9	16	1.065890269	0.092058924		meru 75	
2	2	6	25	1.06592399	0.092104565			
2	1	5	19	1.066156864	0.092419718			
2	1	17	25	1.066314036	0.092632383			
1	1	19	23	1.066553411	0.092956215		meru 153	
2	2	1	22	1.066628771	0.093058148			
1	2	7	22	1.066754534	0.093228242			
2	2	3	23	1.066836244	0.093338744			
1	2	3	19	1.06701621	0.093582094			
4	1	1	25	1.067063473	0.093645996			
2	1	10	21	1.067155941	0.09377101			
2	2	5	24	1.06725715	0.093907828			
1	2	11	25	1.067288341	0.093949991			
2	1	14	23	1.067550474	0.094304282			
4	1	2	25	1.067673033	0.0944699			
2	1	6	19	1.067883608	0.094754412			
2	2	7	25	1.067903879	0.094781797			
1	1	11	17	1.06807451	0.095012295		meru 85	

2	1	1	17	1.068168969	0.095139879			
1	1	1	11	1.068297189	0.095313045		""	
4	1	3	25	1.068327772	0.095354346			
1	1	8	15	1.068397978	0.095449151		meru 67	
2	2	4	23	1.068689473	0.095842713			
1	1	14	19	1.068736105	0.095905663		meru 106	
1	4	1	25	1.068782481	0.095968265			
4	1	4	25	1.069032456	0.096305654			
1	2	9	23	1.069092976	0.096387325			
2	1	18	25	1.069314459	0.096686177			
2	1	11	21	1.069397082	0.096797645			
2	1	9	20	1.069447783	0.096866043			
1	2	1	17	1.069608344	0.097082624			
2	1	13	22	1.069666128	0.097160563			
1	1	5	13	1.069678366	0.097177069		meru 53	
2	1	2	17	1.069709727	0.097219364			
2	1	7	19	1.069799556	0.09734051			
4	1	1	24	1.069979007	0.097582491			
2	2	1	21	1.069992905	0.09760123			
1	1	22	25	1.070083027	0.097722739		meru 182	
2	2	8	25	1.070088307	0.097729857			
1	2	4	19	1.070092982	0.09773616			
2	2	3	22	1.070233142	0.097925111			
2	1	15	23	1.070291579	0.098003883			
2	1	5	18	1.070447893	0.09821457			
1	1	17	21	1.070583128	0.098396822		meru 130	
4	1	6	25	1.070614606	0.09843924			
2	2	5	23	1.070721229	0.098582912			
1	2	12	25	1.070993462	0.098949673			
1	1	13	18	1.071072507	0.099056147		meru 97	
1	4	2	25	1.071267396	0.099318632			
2	1	17	24	1.071335525	0.09941038			
2	1	3	17	1.071400855	0.099498353			
2	2	7	24	1.07147305	0.099595564			
4	1	7	25	1.071506011	0.099639943			
1	4	1	24	1.071852754	0.100106728			

1	2	11	24	1.071895398	0.100164126			
2	2	2	21	1.071902549	0.10017375			
2	1	8	19	1.07194189	0.1002267			
1	1	2	11	1.072032552	0.100348714		""	
4	1	8	25	1.072475709	0.100944972			
2	2	9	25	1.072514207	0.100996759			
2	1	1	16	1.072679116	0.10121857			
1	2	2	17	1.072789192	0.101366608			
1	2	10	23	1.072860621	0.101462662			
2	1	19	25	1.072899752	0.101515283			
2	2	6	23	1.072961261	0.101597988			
4	1	5	24	1.072977367	0.101619645			
4	1	1	23	1.073159522	0.101864545			
2	1	4	17	1.073267758	0.102010043			
2	1	16	23	1.073503325	0.102326659			
4	1	9	25	1.073534326	0.102368322			
1	2	5	19	1.07355921	0.102401763			
1	1	12	17	1.073614558	0.102476139		meru 83	
2	2	1	20	1.07371483	0.102610876			
4	1	2	23	1.073890547	0.102846958			
1	2	9	22	1.073895703	0.102853885			
1	4	3	25	1.073977913	0.102964324			
1	1	20	23	1.074126589	0.103164029		meru 152	
1	1	6	13	1.074230323	0.103303351		meru 52	
1	2	1	16	1.074317486	0.103420407			
2	1	9	19	1.074359246	0.103476485			
2	1	11	20	1.074424436	0.103564021			
2	2	5	22	1.074565542	0.103753481			
2	1	7	18	1.074668837	0.103892157			
4	1	3	23	1.074680987	0.103908467			
4	1	7	24	1.074880499	0.104176276			
2	1	13	21	1.074896399	0.104197616			
1	2	8	21	1.07500823	0.104347704			
1	4	1	23	1.075209879	0.104618298			
1	1	15	19	1.075258002	0.104682868		meru 105	
1	2	13	25	1.07528023	0.104712691			

2	1	5	17	1.075342451	0.104796171			
4	2	1	25	1.075367936	0.104830361			
2	2	7	23	1.07544674	0.104936079			
4	1	4	23	1.07553776	0.105058176			
1	1	1	10	1.075766066	0.105364386		meru 31	
2	1	15	22	1.075835723	0.105457799			
4	1	11	25	1.0759724	0.105641071			
1	2	7	20	1.07620701	0.105955609			
2	2	4	21	1.076300764	0.106081284			
1	1	19	22	1.076365684	0.106168302		meru 141	
1	2	3	17	1.076368169	0.106171632			
1	1	3	11	1.076379504	0.106186825		meru 39	
2	1	3	16	1.076387353	0.106197346			
1	1	11	16	1.076393399	0.106205449		meru 74	
2	4	1	25	1.076439159	0.10626678			
4	1	5	23	1.076468983	0.106306751			
4	2	2	25	1.076521293	0.106376856			
4	1	1	22	1.076642859	0.106539762			
1	4	4	25	1.076948011	0.106948607			
2	1	10	19	1.077116808	0.107174712			
1	2	11	23	1.077211729	0.107301844			
2	1	17	23	1.077346378	0.107482166			
4	1	12	25	1.077386838	0.107536346			
4	1	6	23	1.077484256	0.107666789			
1	2	6	19	1.077502346	0.107691011			
1	1	5	12	1.077660335	0.10790253		meru 44	
2	1	6	17	1.077666005	0.107910121			
4	2	3	25	1.077771898	0.108051875			
2	1	1	15	1.07782841	0.10812752			
2	2	1	19	1.077854834	0.108162888			
2	2	3	20	1.078184608	0.108604219			
1	4	2	23	1.07819635	0.10861993			
2	2	8	23	1.078224821	0.108658026			
2	2	11	25	1.078292086	0.108748026			
4	1	3	22	1.078323327	0.108789824			
4	1	7	23	1.078595045	0.109153312			

4	2	1	24	1.078677008	0.109262938			
2	4	2	25	1.078762124	0.109376774			
2	2	5	21	1.07885707	0.109503745			
1	4	1	22	1.078896019	0.109555828			
1	2	5	18	1.078906382	0.109569685			
4	1	13	25	1.078962272	0.109644419			
4	2	4	25	1.079132347	0.109871811			
2	1	19	24	1.079605882	0.110504742			
1	2	1	15	1.079710088	0.110643988			
1	1	7	13	1.079731352	0.1106724		meru 51	
4	1	8	23	1.079815186	0.110784411			
2	4	1	24	1.079845037	0.110824294			
2	1	2	15	1.079862176	0.110847192			
2	2	7	22	1.079899443	0.110896979			
4	1	11	24	1.079918484	0.110922417			
2	2	2	19	1.080238297	0.111349601			
2	1	7	17	1.080292194	0.111421581			
2	1	11	19	1.080304533	0.111438059			
1	2	14	25	1.080312989	0.111449352			
4	1	5	22	1.080314428	0.111451273			
1	2	4	17	1.080433551	0.111610346			
4	1	1	21	1.080474419	0.111664915			
1	1	23	25	1.080679676	0.111938958		meru 181	
4	1	14	25	1.080729717	0.112005761			
1	1	13	17	1.080762985	0.11205017		meru 83	
2	1	5	16	1.08097965	0.112339364			
2	1	13	20	1.081082271	0.112476317			
4	1	9	23	1.081161568	0.112582134			
1	2	13	24	1.081275136	0.112733671			
2	4	3	25	1.081296632	0.112762352			
2	2	9	23	1.081356352	0.11284203			
4	1	2	21	1.081367117	0.112856392			
1	1	17	20	1.081369305	0.112859311		meru 121	
1	4	3	23	1.081482191	0.113009909			
1	1	4	11	1.081529087	0.113072466		meru 38	
2	2	12	25	1.081785057	0.113413875			

1	2	7	19	1.082039627	0.113753335			
2	1	18	23	1.082075241	0.113800819			
1	2	3	16	1.082101175	0.113835396			
4	2	6	25	1.082245967	0.114028424			
4	2	1	23	1.082289961	0.114087069			
1	2	12	23	1.08230908	0.114112555			
2	2	1	18	1.082487554	0.114350437			
4	1	10	23	1.082655088	0.114573703			
4	1	7	22	1.082704842	0.114640001			
1	1	9	14	1.082823084	0.114797549		meru 60	
2	2	3	19	1.0828792	0.114872313			
2	1	21	25	1.082931981	0.114942631			
1	4	1	21	1.082962023	0.114982651			
2	1	8	17	1.083293168	0.115423728			
2	2	11	24	1.083295299	0.115426565			
4	1	13	24	1.083357494	0.115509393			
4	1	4	21	1.083403907	0.115571199			
2	4	1	23	1.083568534	0.115790405			
4	2	2	23	1.083675758	0.115933158			
2	1	1	14	1.083763094	0.116049424			
1	4	6	25	1.083841432	0.116153704			
1	2	2	15	1.083930263	0.116271941			
4	2	7	25	1.08403927	0.11641702			
2	1	12	19	1.084051111	0.116432779			
2	4	4	25	1.084074728	0.116464209			
1	1	16	19	1.084180084	0.11660441		meru 104	
4	1	11	23	1.084321993	0.116793233			
1	4	5	24	1.084454038	0.116968909			
4	2	5	24	1.084455777	0.116971222			
4	1	5	21	1.084570891	0.117124355			
1	2	10	21	1.084623628	0.117194504			
2	1	4	15	1.084667792	0.117253247			
4	1	1	20	1.084709155	0.117308263			
2	1	17	22	1.084733342	0.117340431			
2	2	10	23	1.08492142	0.117590553			
4	1	16	25	1.085015957	0.117716261			

1	1	1	9	1.085070245	0.117788443		meru 27	
1	2	5	17	1.085103305	0.117832398			
1	4	4	23	1.085117436	0.117851186			
4	2	3	23	1.085190077	0.11794776			
1	1	21	23	1.085543637	0.118417721		meru 151	
4	1	9	22	1.085624314	0.118524937			
2	2	13	25	1.085815868	0.118779473			
2	2	4	19	1.085825791	0.118792657			
1	4	3	22	1.085836955	0.11880749			
1	2	9	20	1.085923017	0.118921832			
1	1	3	10	1.085937913	0.118941621		meru 30	negripent
1	2	1	14	1.085946596	0.118953157			
4	2	8	25	1.086024722	0.119056945			
4	1	12	23	1.086195827	0.119284226			
4	2	1	22	1.086250662	0.119357056			
2	4	2	23	1.086362163	0.119505137			
1	1	8	13	1.086580597	0.11979519		meru 50	
1	4	2	21	1.086618713	0.119845798			
2	2	9	22	1.0866773	0.119923581			
2	1	9	17	1.086768612	0.120044804			
4	1	3	20	1.086792468	0.120076472			
4	2	4	23	1.086851357	0.120154644			
2	1	7	16	1.086866433	0.120174656			
2	1	11	18	1.08729619	0.120744998			
1	2	8	19	1.087332332	0.120792952			
1	1	11	15	1.087365835	0.120837404		meru 66	
1	4	1	20	1.087469784	0.120975315			
2	1	16	21	1.087604301	0.121153762			
2	4	1	22	1.087656245	0.121222663			
4	1	17	25	1.087662997	0.121231619			
2	2	1	17	1.08770652	0.121289348			
1	1	5	11	1.087770201	0.121373809		meru 37	
1	4	7	25	1.087878229	0.121517079			
2	1	19	23	1.08812664	0.121846473			
4	2	9	25	1.088236212	0.121991742			
4	2	7	24	1.088273309	0.12204092			

4	1	13	23	1.088320351	0.122103281			
1	2	13	23	1.088385253	0.122189314			
2	1	13	19	1.088549188	0.1224066			
2	2	8	21	1.088579271	0.12244647			
4	4	1	25	1.088621198	0.122502034			
4	2	5	23	1.088682003	0.122582613			
2	1	3	14	1.088804337	0.122744719			
4	1	8	21	1.088859203	0.122817415			
1	2	7	18	1.08886551	0.122825773			
2	2	11	23	1.089027881	0.12304089			
2	2	5	19	1.089139987	0.123189396			
1	4	5	23	1.089164107	0.123221344			
4	1	1	19	1.089414226	0.123552611			
2	4	3	23	1.089436657	0.123582317			
4	2	3	22	1.089458462	0.123611192			
2	4	6	25	1.090526806	0.125025233			
4	1	2	19	1.090528692	0.125027728			
2	2	14	25	1.090535085	0.125036185			
1	2	6	17	1.090539136	0.125041545			
2	1	22	25	1.09055607	0.125063946			
1	1	14	17	1.09057034	0.125082824		meru 82	
4	2	1	21	1.090611851	0.125137737			
2	2	7	20	1.090646703	0.12518384			
2	1	1	13	1.090677716	0.125224863			
4	4	2	25	1.090678702	0.125226167			
4	2	6	23	1.090709551	0.125266973			
4	1	14	23	1.090754042	0.12532582			
2	2	2	17	1.090764662	0.125339866			
4	1	18	25	1.090776507	0.125355533			
1	2	11	21	1.090785297	0.125367159			
1	1	7	12	1.090795597	0.125380781		meru 43	
2	1	10	17	1.090861319	0.125467704			
1	1	2	9	1.09102447	0.12568346		meru 26	
1	1	19	21	1.091154265	0.125855081		meru 129	
2	4	5	24	1.09163463	0.126490067			
4	1	3	19	1.091755457	0.126649743			

2	2	13	24	1.092117418	0.127127974			
2	4	1	21	1.092164345	0.127189965			
4	2	2	21	1.092308014	0.127379731			
8	1	1	25	1.092312678	0.127385892			
1	2	5	16	1.092373131	0.127465734			
4	1	7	20	1.092399574	0.127500657			
1	4	8	25	1.092408243	0.127512106			
1	4	1	19	1.09249541	0.127627219			
4	4	1	24	1.092565443	0.127719698			
4	1	10	21	1.092621959	0.127794323			
8	1	2	25	1.09279973	0.128029033			
2	4	4	23	1.092839241	0.128081193			
2	2	6	19	1.092902771	0.128165059			
4	4	3	25	1.092931786	0.128203359			
4	2	7	23	1.092968304	0.128251563			
1	4	7	24	1.093026639	0.128328563			
4	1	4	19	1.093111013	0.128439924			
1	2	1	13	1.093241946	0.128612721			
8	1	3	25	1.093332564	0.128732299			
4	2	5	22	1.093359119	0.128767339			
2	1	2	13	1.093485102	0.128933565			
4	2	11	25	1.093521602	0.12898172			
4	1	15	23	1.093577356	0.129055275			
1	2	9	19	1.093609242	0.12909734			
2	2	1	16	1.093630535	0.129125429			
1	2	16	25	1.093673685	0.129182351			
1	4	6	23	1.093700031	0.129217104			
4	1	17	24	1.093724637	0.129249562			
2	2	12	23	1.093824964	0.129381894			
8	1	4	25	1.093916346	0.129502416			
4	1	13	22	1.093980564	0.129587107			
2	1	14	19	1.094104687	0.129750786			
2	4	3	22	1.094152298	0.129813565			
2	1	17	21	1.094152722	0.129814124			
2	2	3	17	1.094201413	0.129878324			
1	1	13	16	1.094229586	0.129915469		meru 73	

2	4	7	25	1.094308616	0.130019663			
1	2	4	15	1.094391681	0.130129168			
1	4	5	22	1.094434328	0.130185388			
4	1	19	25	1.094514119	0.130290565			
4	1	5	19	1.094615507	0.1304242			
2	1	7	15	1.094666364	0.130491227			
4	1	1	18	1.094672575	0.130499413			
2	1	9	16	1.094800539	0.130668051			
4	1	11	21	1.094887731	0.130782944			
1	4	4	21	1.095236316	0.131242189			
8	1	6	25	1.095261548	0.131275426			
2	1	5	14	1.095296242	0.131321125			
2	2	5	18	1.095375476	0.131425485			
4	4	4	25	1.095409936	0.131470871			
1	8	1	25	1.09542865	0.131495518			
4	2	1	20	1.095437494	0.131507166			
1	1	9	13	1.095471575	0.13155205		meru 49	
4	2	8	23	1.095501627	0.131591627			
1	1	6	11	1.095566883	0.131677561		meru 36	
2	4	2	21	1.095587521	0.131704739			
1	2	14	23	1.095785281	0.13196513			
2	1	11	17	1.095785344	0.131965213			
8	1	7	25	1.096037982	0.132297795			
1	4	3	20	1.096113835	0.132397635			
4	2	4	21	1.096252779	0.1325805			
4	1	9	20	1.096283555	0.132621001			
4	1	6	19	1.096293885	0.132634596			
2	1	20	23	1.096342165	0.132698129			
8	1	1	24	1.096359077	0.132720384			
1	2	3	14	1.096624504	0.133069616			
2	4	5	23	1.096628622	0.133075034			
2	1	3	13	1.096672783	0.133133129			
4	2	12	25	1.096723856	0.133200315			
4	4	1	23	1.096877063	0.133401838			
8	1	8	25	1.096895889	0.1334266			
4	1	16	23	1.096905008	0.133438594			

1	2	7	17	1.096969502	0.133523417			
1	2	13	22	1.096974807	0.133530393			
1	1	1	8	1.096981558	0.133539272		meru 21	
1	4	2	19	1.097076013	0.133663489			
2	4	1	20	1.09716119	0.133775496			
2	2	7	19	1.097222435	0.133856027			
8	2	1	25	1.097324029	0.133989603			
1	4	9	25	1.097531846	0.134262802			
2	2	10	21	1.09767777	0.134454605			
1	1	17	19	1.097712284	0.134499966		meru 103	
2	1	13	18	1.097809447	0.134627659			
8	1	9	25	1.097846647	0.134676545			
2	2	4	17	1.09809901	0.13500814			
1	4	1	18	1.098133553	0.135053524			
4	1	7	19	1.098177515	0.135111278			
4	2	7	22	1.098206055	0.13514877			
8	2	2	25	1.098251714	0.135208751			
4	2	9	23	1.098365298	0.135357951			
2	4	8	25	1.098556258	0.135608754			
4	2	5	21	1.098564392	0.135619435			
1	4	7	23	1.098824201	0.135960591			
8	1	5	24	1.098833042	0.135972198			
2	1	1	12	1.098836878	0.135977234			
4	2	11	24	1.099080281	0.13629677			
1	2	2	13	1.099108618	0.136333966			
2	1	8	15	1.099181386	0.136429478			
8	2	3	25	1.099271408	0.136547629			
1	8	2	25	1.099317951	0.136608711			
4	4	2	23	1.099355048	0.136657395			
4	2	3	20	1.099427745	0.136752792			
2	2	13	23	1.099525882	0.136881565			
2	1	19	22	1.09957157	0.13694151			
2	4	7	24	1.099666676	0.137066289			
1	2	11	20	1.0996728	0.137074324			
1	8	1	24	1.099759004	0.137187412			
2	8	1	25	1.099854086	0.137312139			

2	2	9	20	1.0998612	0.137321471			
8	1	11	25	1.100084481	0.13761432			
4	1	8	19	1.100306535	0.137905501			
2	1	4	13	1.100332762	0.137939889			
4	1	15	22	1.100347955	0.137959809			
1	4	5	21	1.100371619	0.137990835			
8	2	4	25	1.100395067	0.138021577			
2	2	1	15	1.100412826	0.138044861			
4	2	13	25	1.100421737	0.138056543			
1	1	24	25	1.100476279	0.138128048		meru 180	
8	1	7	24	1.100486214	0.138141073			
4	1	13	21	1.100514927	0.138178714			
4	1	1	17	1.100587864	0.138274325			
4	1	5	18	1.100601748	0.138292525			
8	1	1	23	1.10077628	0.138521287			
4	2	1	19	1.100805948	0.138560171			
2	4	6	23	1.100878724	0.138655547			
4	1	17	23	1.100908109	0.138694054			
2	2	3	16	1.10111564	0.13896599			
4	4	6	25	1.10119371	0.139068275			
1	2	10	19	1.1012071	0.139085816			
2	1	15	19	1.101244076	0.139134258			
4	1	11	20	1.101321981	0.139236315			
8	1	2	23	1.101363	0.139290047			
8	1	12	25	1.101408825	0.139350073			
4	4	1	22	1.10160988	0.139613404			
8	2	1	24	1.101617293	0.139623112			
4	2	10	23	1.101632478	0.139642998			
2	1	12	17	1.101881154	0.139968627			
1	2	1	12	1.101890849	0.139981321			
2	1	23	25	1.101971945	0.140087495			
8	1	3	23	1.102010107	0.140137456			
4	1	2	17	1.102018043	0.140147845			
4	4	3	23	1.102092829	0.140245747			
2	4	5	22	1.102204625	0.140392085			
1	4	3	19	1.102236471	0.140433769			

2	2	8	19	1.102247608	0.140448346			
4	1	19	24	1.102364069	0.14060077			
2	2	5	17	1.102567021	0.140866355			
8	1	4	23	1.102725109	0.141073196			
2	4	1	19	1.102730797	0.141080638			
4	1	9	19	1.102733376	0.141084011			
1	1	11	14	1.102748704	0.141104065		meru 59	
1	2	17	25	1.102898198	0.141299631			
8	1	13	25	1.102902785	0.14130563			
4	2	2	19	1.102929495	0.141340569			
2	2	16	25	1.103009252	0.141444893			
8	2	6	25	1.103013856	0.141450914			
4	4	5	24	1.103076707	0.141533119			
2	4	9	25	1.103366117	0.141911583			
2	2	11	21	1.103482356	0.142063562			
8	1	5	23	1.103516786	0.142108576			
2	8	2	25	1.103545992	0.142146757			
1	8	3	25	1.10358313	0.142195308			
1	1	23	24	1.103597835	0.142214532		meru 172	
4	1	3	17	1.103611997	0.142233045			
2	4	4	21	1.103658726	0.14229413			
2	8	1	24	1.104378434	0.143234621			
8	1	6	23	1.104395503	0.143256918			
4	2	9	22	1.104406458	0.143271229			
2	2	2	15	1.104478332	0.143365116			
1	8	1	23	1.1045008	0.143394464			
1	4	1	17	1.104503419	0.143397884			
8	2	7	25	1.104546601	0.143454287			
2	1	5	13	1.10459255	0.143514303			
4	4	7	25	1.104599078	0.143522828			
8	1	14	25	1.104599267	0.143523075			
1	4	8	23	1.104664441	0.143608195			
1	2	8	17	1.104729139	0.143692688			
4	1	7	18	1.104750964	0.143721191			
4	2	14	25	1.104751378	0.14372173			
2	2	7	18	1.104866821	0.143872479			

4	1	21	25	1.105035104	0.1440922			
1	2	15	23	1.105044929	0.144105029			
8	1	11	24	1.105080075	0.144150912			
4	4	4	23	1.10513389	0.144221166			
2	4	3	20	1.105258021	0.144383204			
4	2	3	19	1.105299226	0.144436988			
8	1	7	23	1.105373601	0.144534062			
4	1	4	17	1.105397389	0.14456511			
4	2	11	23	1.105401367	0.144570301			
1	4	7	22	1.105403453	0.144573024			
1	1	15	17	1.105501086	0.144700442		meru 81	
4	1	10	19	1.105528211	0.144735841			
8	1	1	22	1.105617676	0.144852586			
2	4	7	23	1.105683957	0.144939072			
1	1	7	11	1.105728204	0.144996804		meru 35	
4	1	18	23	1.105857296	0.145165227			
1	2	3	13	1.106015336	0.14537139			
8	4	1	25	1.106039607	0.145403049			
8	2	8	25	1.10626038	0.145690992			
8	2	1	23	1.106306634	0.145751312			
8	2	5	24	1.10637671	0.145842693			
2	1	11	16	1.106381645	0.145849128			
2	2	14	23	1.106447334	0.145934782			
8	1	8	23	1.106465935	0.145959035			
1	2	7	16	1.106759995	0.146342403			
4	2	1	18	1.10681424	0.14641311			
4	4	1	21	1.106828771	0.146432051			
2	1	17	20	1.106854098	0.146465063			
1	1	22	23	1.106950245	0.146590378		meru 150	
8	1	3	22	1.106984529	0.146635059			
2	4	2	19	1.107022811	0.146684951			
4	2	13	24	1.107177688	0.146886775			
4	1	1	16	1.107291369	0.147034898			
1	1	4	9	1.107351991	0.14711388		meru 25	tetracot
4	4	3	22	1.10738897	0.147162058			
4	1	5	17	1.10740902	0.147188178			

8	2	2	23	1.10742527	0.147209347			
4	2	8	21	1.107433267	0.147219766			
4	8	1	25	1.107567932	0.147395188			
1	2	13	21	1.107594215	0.147429424			
2	8	3	25	1.107601443	0.147438838			
8	1	9	23	1.107690599	0.147554964			
8	4	2	25	1.10773209	0.147609002			
2	2	6	17	1.1077552	0.147639099			
1	1	10	13	1.107760457	0.147645945		meru 48	
4	2	4	19	1.107960138	0.147905978			
1	4	4	19	1.108100878	0.148089226			
4	1	13	20	1.108172853	0.148182931			
8	2	9	25	1.108186586	0.148200809			
2	2	9	19	1.108188706	0.148203569			
2	2	1	14	1.108254497	0.148289217			
1	8	4	25	1.108282439	0.14832559			
8	1	13	24	1.108345282	0.148407393			
2	2	13	22	1.10839007	0.148465692			
4	4	8	25	1.108435291	0.14852455			
2	4	5	21	1.108471816	0.148572088			
4	4	5	23	1.108532393	0.148650929			
2	1	1	11	1.108609887	0.14875178			
8	2	3	23	1.108665681	0.148824385			
8	1	5	22	1.108669986	0.148829988			
2	1	21	23	1.108675109	0.148836654			
8	1	16	25	1.108785448	0.148980228			
4	1	11	19	1.108787755	0.14898323			
2	4	1	18	1.108977608	0.149230236			
8	1	10	23	1.109069929	0.149350333			
1	8	2	23	1.10918873	0.149504863			
2	8	1	23	1.10933201	0.149691212			
8	4	3	25	1.109603507	0.150044252			
8	2	7	24	1.109634328	0.150084325			
2	1	6	13	1.109635414	0.150085737			
4	1	17	22	1.10963751	0.150088462			
4	1	6	17	1.109691451	0.150158592			

1	8	1	22	1.109715565	0.150189942			
2	1	13	17	1.109735728	0.150216155			
4	2	12	23	1.109807394	0.15030932			
4	4	2	21	1.109870401	0.150391224			
8	2	4	23	1.110045368	0.150618642			
1	4	11	25	1.110118902	0.150714208			
4	4	7	24	1.110307351	0.150959093			
1	4	2	17	1.110407831	0.151089647			
1	1	21	22	1.110561598	0.151289415		meru 140	
8	1	11	23	1.110631918	0.151380763			
1	2	11	19	1.110644483	0.151397084			
4	2	7	20	1.110750295	0.151534524			
8	4	1	24	1.110764428	0.151552881			
8	1	7	22	1.110769895	0.151559982			
4	1	3	16	1.110774494	0.151565954			
4	8	2	25	1.110931427	0.151769768			
8	1	1	21	1.110947413	0.151790528			
2	2	5	16	1.110957605	0.151803764			
4	2	5	19	1.110969755	0.151819541			
2	1	16	19	1.110985289	0.151839714			
2	4	8	23	1.111166811	0.152075414			
1	4	9	23	1.111388606	0.152363355			
8	1	17	25	1.111410725	0.152392067			
8	2	1	22	1.111449489	0.152442385			
1	2	5	14	1.111505963	0.152515689			
8	2	5	23	1.111585479	0.152618893			
2	2	17	25	1.111591369	0.152626538			
8	1	2	21	1.111667703	0.152725606			
8	4	4	25	1.111680587	0.152742326			
1	4	1	16	1.111757278	0.152841849			
2	4	3	19	1.111859619	0.152974648			
2	8	4	25	1.112077935	0.153257897			
4	1	19	23	1.112216211	0.153437271			
4	1	7	17	1.112302933	0.153549756			
1	2	1	11	1.11230858	0.153557081			
4	4	6	23	1.112356711	0.153619506			

8	1	12	23	1.112412281	0.153691577			
4	8	1	24	1.112432883	0.153718296			
2	4	7	22	1.112492583	0.153795717			
4	4	1	20	1.11261265	0.153951414			
4	1	12	19	1.112650172	0.154000066			
2	1	2	11	1.112732908	0.15410734			
1	1	1	7	1.112775684	0.1541628		meru 17	
4	4	9	25	1.112792328	0.154184378			
2	2	11	20	1.112819135	0.154219133			
8	2	11	25	1.112845948	0.154253893			
4	1	22	25	1.113063362	0.154535722			
8	2	6	23	1.113311874	0.154857794			
8	1	4	21	1.113365379	0.154927127			
8	1	9	22	1.113423732	0.155002739			
4	2	1	17	1.113583982	0.155210364			
4	1	16	21	1.113743748	0.155417333			
2	8	2	23	1.113784464	0.155470074			
2	2	7	17	1.113874533	0.155586737			
8	2	3	22	1.114064932	0.15583332			
1	2	4	13	1.114300195	0.156137951			
1	2	9	17	1.114330919	0.156177728			
8	1	5	21	1.114367596	0.156225212			
1	8	3	23	1.114377459	0.156237982			
4	2	6	19	1.114403015	0.156271066			
8	1	13	23	1.114457523	0.15634163			
1	1	20	21	1.11446488	0.156351154		meru 128	
8	1	18	25	1.114528572	0.156433602			
2	2	4	15	1.114530121	0.156435607			
4	4	5	22	1.114607119	0.156535273			
4	8	3	25	1.114640227	0.156578125			
2	8	1	22	1.114778901	0.156757602			
1	1	3	8	1.114797806	0.156782068		meru 20	
1	4	5	19	1.114832003	0.156826323			
1	2	18	25	1.114900149	0.156914507			
1	1	13	15	1.114935723	0.156960539		meru 65	
4	1	1	15	1.114951826	0.156981377			

4	2	13	23	1.115043497	0.15709999			
2	2	15	23	1.115082679	0.157150684			
2	4	11	25	1.115213365	0.157319756			
4	1	5	16	1.115221916	0.157330818			
8	2	7	23	1.115256597	0.157375682			
4	1	8	17	1.115321499	0.157459637			
2	2	10	19	1.115355026	0.157503004			
1	8	1	21	1.115477726	0.157661706			
8	2	12	25	1.115696541	0.15794468			
2	1	7	13	1.115737119	0.157997152			
4	2	10	21	1.115788415	0.158063477			
1	2	17	24	1.115922845	0.158237283			
8	4	1	23	1.115929746	0.158246205			
2	1	5	12	1.115964431	0.158291045			
2	4	1	17	1.116033094	0.158379808			
4	2	16	25	1.116181276	0.15857135			
4	2	2	17	1.11631894	0.158749274			
2	1	19	21	1.116479687	0.158957004			
8	4	6	25	1.116589603	0.159099028			
4	4	7	23	1.116694448	0.159234487			
8	1	14	23	1.116829697	0.159409209			
8	1	1	20	1.116843252	0.159426719			
4	1	2	15	1.116853121	0.159439468			
2	1	9	14	1.116998309	0.159627001			
1	2	16	23	1.117044376	0.1596865			
4	4	4	21	1.117086989	0.159741535			
8	2	1	21	1.117114953	0.15977765			
1	4	3	17	1.117172647	0.159852156			
4	1	13	19	1.117321994	0.160045007			
8	2	5	22	1.117337328	0.160064807			
2	4	4	19	1.117358599	0.160092271			
2	2	1	13	1.117424803	0.160177749			
8	2	8	23	1.117459953	0.16022313			
2	4	9	23	1.117489055	0.160260701			
2	1	3	11	1.117549037	0.160338137			
4	1	11	18	1.117585233	0.160384864			

4	8	1	23	1.117758513	0.160608533			
8	4	2	23	1.117973565	0.160886076			
1	4	12	25	1.117980216	0.160894659			
8	1	8	21	1.118196018	0.161173113			
1	2	15	22	1.11827575	0.16127598			
8	1	19	25	1.118305153	0.161313912			
4	2	7	19	1.118359724	0.16138431			
4	2	5	18	1.118447345	0.161497338			
8	2	2	21	1.11848993	0.161552267			
2	2	3	14	1.118543948	0.161621941			
8	1	3	20	1.118549435	0.161629019			
8	1	17	24	1.11856179	0.161644954			
1	4	11	24	1.118568588	0.161653722			
1	1	19	20	1.118699108	0.161822053		meru 120	
2	8	3	23	1.118721558	0.161851004			
4	8	4	25	1.118750064	0.161887765			
1	2	7	15	1.118845885	0.162011327			
4	1	9	17	1.118854805	0.162022828			
8	2	13	25	1.119005881	0.162217618			
4	4	1	19	1.119058489	0.162285443			
8	2	11	24	1.119128868	0.162376172			
4	2	9	20	1.119209435	0.16248003			
1	4	10	23	1.119221348	0.162495385			
2	2	13	21	1.119233768	0.162511395			
1	1	5	9	1.119252667	0.162535755		meru 24	
1	8	6	25	1.119282856	0.162574668			
4	2	3	17	1.119416327	0.162746695			
8	4	7	25	1.119511814	0.162869753			
8	4	5	24	1.119557834	0.162929056			
8	1	15	23	1.119614052	0.163001499			
1	8	5	24	1.119694275	0.163104868			
4	4	3	20	1.119830648	0.16328057			
1	1	8	11	1.119842877	0.163296324		meru 34	
8	8	1	25	1.119892018	0.163359631			
1	4	9	22	1.119946142	0.163429355			
8	2	9	23	1.119973511	0.163464611			

1	4	1	15	1.12009278	0.16361824			
2	1	11	15	1.12012721	0.163662584			
1	8	4	23	1.120153182	0.163696035			
8	4	3	23	1.120255218	0.163827447			
16	1	1	25	1.120315826	0.163905496			
2	1	14	17	1.120486436	0.164125184			
2	1	1	10	1.120528255	0.164179027			
4	1	17	21	1.12062804	0.164307496			
1	8	3	22	1.120665458	0.164355668			
16	1	2	25	1.120669376	0.164360712			
1	4	8	21	1.120751747	0.164466748			
2	8	1	21	1.120796613	0.164524502			
4	1	20	23	1.120876571	0.164627419			
1	2	2	11	1.12101383	0.164804077			
16	1	3	25	1.121065258	0.16487026			
4	1	7	16	1.12107977	0.164888936			
1	2	13	20	1.121120787	0.164941719			
4	2	11	21	1.121127261	0.16495005			
2	2	8	17	1.121233413	0.165086642			
1	8	2	21	1.121237858	0.165092362			
4	2	1	16	1.121269685	0.165133313			
8	1	13	22	1.121386817	0.165284015			
4	2	14	23	1.121395604	0.16529532			
4	4	5	21	1.121414271	0.165319335			
4	1	4	15	1.121462384	0.16538123			
8	2	7	22	1.121505005	0.165436059			
16	1	4	25	1.121508959	0.165441145			
2	4	2	17	1.121571723	0.165521882			
8	4	1	22	1.121600147	0.165558443			
1	4	7	20	1.121648293	0.165620372			
4	4	8	23	1.121659755	0.165635115			
8	1	10	21	1.121698978	0.165685562			
8	2	4	21	1.121764211	0.165769461			
4	8	2	23	1.121819323	0.165840338			
1	8	1	20	1.121878178	0.165916026			
16	1	6	25	1.122566235	0.166800572			

2	8	6	25	1.12259096	0.166832346			
2	4	12	25	1.122638943	0.16689401			
1	4	6	19	1.122647562	0.166905087			
2	2	18	25	1.122743886	0.167028865			
1	2	12	19	1.12276637	0.167057757			
8	8	2	25	1.122774991	0.167068834			
8	4	4	23	1.122814141	0.167119138			
8	4	8	25	1.122826007	0.167134385			
8	2	10	23	1.122864559	0.167183919			
4	4	2	19	1.122879997	0.167203754			
8	2	14	25	1.122897006	0.167225608			
8	1	16	23	1.122931977	0.167270538			
4	2	4	17	1.122952894	0.167297411			
4	2	8	19	1.122976295	0.167327473			
4	1	10	17	1.123056829	0.167430933			
2	2	2	13	1.123091061	0.167474907			
4	1	14	19	1.123130691	0.167525814			
2	1	24	25	1.123156973	0.167559574			
16	2	1	25	1.123173991	0.167581433			
16	1	7	25	1.123195824	0.167609477			
2	1	4	11	1.123272164	0.167707529			
1	1	18	19	1.123310806	0.167757159		meru 192	
2	1	8	13	1.123338149	0.167792275			
2	8	5	24	1.123365094	0.16782688			
8	2	1	20	1.123386906	0.167854892			
8	1	1	19	1.123400376	0.167872191			
8	1	7	20	1.123452978	0.167939742			
4	4	11	25	1.123577649	0.168099831			
4	8	1	22	1.123613472	0.168145828			
2	4	5	19	1.123674291	0.168223916			
2	4	11	24	1.123696864	0.168252897			
8	2	5	21	1.123723132	0.168286622			
1	1	2	7	1.123732821	0.168299061		meru 15	
1	4	5	18	1.123763359	0.168338266			
4	1	1	14	1.123789819	0.168372235			
8	1	11	21	1.123856684	0.168458072			

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16	1	8	25	1.123905781	0.168521097			
4	2	17	25	1.124027347	0.168677136			
2	4	1	16	1.1240651	0.168725591			
2	2	11	19	1.124222763	0.168927932			
2	8	4	23	1.124228419	0.16893519			
8	1	2	19	1.124305379	0.169033947			
4	2	13	22	1.124353438	0.169095615			
2	2	17	24	1.124416942	0.169177096			
1	2	5	13	1.124475213	0.169251859			
1	2	11	18	1.124586692	0.16939488			
16	2	3	25	1.124624833	0.169443808			
2	2	7	16	1.124664085	0.169494161			
16	1	9	25	1.124708234	0.169550793			
2	4	10	23	1.124868612	0.1697565			
1	16	1	25	1.124993596	0.169916789			
1	4	4	17	1.125012004	0.169940396			
1	2	1	10	1.125099677	0.170052821			
4	1	23	25	1.125102186	0.170056038			
2	8	3	22	1.125192533	0.170171884			
4	1	19	22	1.125264891	0.170264656			
8	8	1	24	1.125307792	0.170319658			
8	1	3	19	1.1253254	0.170342232			
16	2	4	25	1.125486616	0.1705489			
16	1	1	24	1.125646323	0.170753605			
8	4	5	23	1.125699398	0.170821628			
2	1	17	19	1.125700726	0.17082333			
8	4	7	24	1.125756166	0.17089438			
1	8	7	25	1.125778668	0.170923217			
8	8	3	25	1.125979071	0.171180011			
2	1	13	16	1.12599599	0.17120169			
2	4	9	22	1.126168273	0.171422412			
8	2	11	23	1.12622293	0.171492429			
2	2	16	23	1.12624761	0.171524044			
2	8	2	21	1.126270993	0.171553997			

4	4	1	18	1.126286791	0.171574233			
4	8	3	23	1.126340746	0.171643345			
8	2	13	24	1.126380955	0.171694846			
8	4	3	22	1.12640105	0.171720584			
1	4	3	16	1.126412983	0.171735868			
8	1	4	19	1.126478382	0.171819628			
1	2	10	17	1.126605907	0.171982942			
8	4	9	25	1.126613842	0.171993102			
1	8	5	23	1.126622857	0.172004647			
16	1	11	25	1.126652103	0.172042097			
1	1	11	13	1.126652484	0.172042584		meru 47	
8	2	3	20	1.126657775	0.17204936			
8	2	9	22	1.12694671	0.172419296			
8	1	17	23	1.126964304	0.17244182			
4	2	5	17	1.127030458	0.172526505			
8	1	9	20	1.127038646	0.172536986			
4	2	7	18	1.127145587	0.172673872			
4	4	3	19	1.127206058	0.17275127			
2	1	23	24	1.12724239	0.17279777			
1	1	7	10	1.12724762	0.172804464		meru 29	
1	4	13	25	1.127273594	0.172837706			
8	1	19	24	1.127321182	0.172898608			
2	16	1	25	1.127390551	0.172987381			
4	4	9	23	1.127404208	0.173004858			
2	8	1	20	1.127479777	0.173101557			
16	1	5	24	1.127517988	0.173150449			
16	2	6	25	1.127551906	0.173193849			
2	4	8	21	1.127612285	0.173271101			
8	1	15	22	1.127685356	0.173364586			
8	1	5	19	1.127786179	0.173493568			
16	1	12	25	1.127833102	0.173553591			
8	4	1	21	1.127853484	0.173579664			
2	4	3	17	1.127919524	0.173664136			
1	4	2	15	1.12798981	0.173754035			
4	2	3	16	1.128007511	0.173776674			
4	1	11	17	1.128158051	0.173969198			

2	2	15	22	1.128254425	0.174092437			
2	2	1	12	1.128292703	0.174141381			
1	1	17	18	1.12835594	0.174222237		meru 96	
4	2	9	19	1.128445042	0.174336157			
16	4	1	25	1.128448752	0.1743409			
4	8	6	25	1.128462663	0.174358686			
1	4	11	23	1.128469862	0.174367889			
4	1	13	18	1.128536402	0.174452955			
4	1	3	14	1.128568886	0.174494481			
16	2	1	24	1.12865149	0.174600073			
16	2	7	25	1.128791422	0.17477893			
2	8	7	25	1.128821505	0.174817378			
1	2	9	16	1.128853061	0.174857708			
16	1	7	24	1.128853651	0.174858462			
8	4	6	23	1.128972902	0.175010858			
1	8	1	19	1.129029103	0.175082675			
8	1	21	25	1.129069459	0.175134242			
4	1	9	16	1.129163573	0.175254493			
16	1	13	25	1.129188093	0.175285821			
2	4	7	20	1.129219995	0.17532658			
8	1	6	19	1.129275765	0.17539783			
4	2	15	23	1.129308687	0.175439889			
8	1	13	21	1.12933259	0.175470424			
8	8	4	25	1.129556776	0.175756789			
16	4	2	25	1.129732345	0.175981011			
2	2	3	13	1.129748692	0.176001886			
1	4	1	14	1.129771214	0.176030648			
4	8	5	24	1.129854134	0.176136531			
4	2	1	15	1.130070686	0.176413016			
4	8	1	21	1.130080761	0.176425878			
8	2	12	23	1.130171837	0.176542144			
16	2	8	25	1.130199398	0.176577326			
2	1	5	11	1.13022497	0.176609968			
2	2	9	17	1.130303533	0.176710248			
8	2	1	19	1.130368177	0.176792756			
8	4	2	21	1.130370119	0.176795235			

4	4	12	25	1.130374585	0.176800934			
2	8	5	23	1.130411107	0.176847546			
1	16	2	25	1.130458569	0.176908118			
2	1	7	12	1.130572897	0.177054017			
4	1	15	19	1.13063884	0.177138162			
8	1	1	18	1.130736559	0.177262847			
16	1	14	25	1.130751875	0.177282388			
1	16	1	24	1.130755999	0.17728765			
8	1	7	19	1.130980954	0.177574634			
2	4	6	19	1.131014382	0.177617275			
4	2	11	20	1.131135907	0.177772281			
16	4	3	25	1.131175487	0.177822761			
8	8	1	23	1.131235713	0.177899572			
1	2	19	25	1.131267068	0.177939558			
1	2	8	15	1.13136348	0.178062507			
4	8	4	23	1.131405386	0.178115944			
4	1	7	15	1.131422506	0.178137775			
8	2	8	21	1.131427208	0.17814377			
2	4	13	25	1.131446845	0.178168808			
16	1	1	23	1.131470526	0.178199004			
2	1	22	23	1.131645088	0.178421564			
1	2	3	11	1.131667526	0.17845017			
4	2	6	17	1.131787548	0.178603169			
16	2	9	25	1.131805464	0.178626008			
2	1	3	10	1.131829055	0.178656078			
4	16	1	25	1.131834804	0.178663406			
8	1	11	20	1.131845303	0.178676789			
1	4	7	19	1.131845369	0.178676872			
16	1	2	23	1.131898684	0.178744828			
8	1	18	23	1.131996691	0.178869741			
8	2	2	19	1.132098399	0.178999359			
4	4	4	19	1.132144985	0.179058724			
4	4	11	24	1.132159755	0.179077546			
16	2	5	24	1.132287145	0.179239869			
16	1	3	23	1.13238294	0.17936192			
8	4	5	22	1.132517779	0.179533698			

2	16	2	25	1.132683457	0.179744738			
8	4	7	23	1.132714015	0.179783658			
16	4	4	25	1.132802545	0.179896412			
16	1	11	24	1.132810137	0.17990608			
2	2	5	14	1.132816054	0.179913616			
2	2	13	20	1.132887157	0.180004166			
16	1	4	23	1.132931291	0.180060368			
8	1	8	19	1.132944896	0.180077693			
2	4	5	18	1.133023014	0.180177166			
1	8	8	25	1.133109304	0.180287035			
4	8	3	22	1.133138556	0.180324279			
2	1	9	13	1.133201628	0.18040458			
8	2	16	25	1.133210476	0.180415844			
2	16	1	24	1.133257846	0.18047615			
2	4	1	15	1.133291358	0.180518811			
1	2	17	23	1.133335557	0.180575076			
1	8	7	24	1.133490616	0.180772448			
16	1	5	23	1.133553107	0.180851983			
2	4	11	23	1.133605727	0.180918951			
4	2	2	15	1.133723799	0.181069209			
1	1	16	17	1.13390249	0.181296581		meru 80	
4	1	21	23	1.133903089	0.181297343			
1	8	6	23	1.13392075	0.181319813			
8	2	3	19	1.134062746	0.181500465			
4	1	1	13	1.134099339	0.181547016			
4	4	10	23	1.134133416	0.181590364			
16	4	1	24	1.134197951	0.181672455			
4	2	18	25	1.134205341	0.181681855			
1	4	5	17	1.134218544	0.181698649			
4	8	7	25	1.134256205	0.181746552			
16	1	6	23	1.134259462	0.181750695			
1	8	5	22	1.134406215	0.181937342			
4	4	1	17	1.134449186	0.181991989			
4	1	12	17	1.134524473	0.18208773			
16	2	1	23	1.134638329	0.182232505			
16	1	16	25	1.134701658	0.182313026			

8	8	2	23	1.134723315	0.182340562			
1	1	1	6	1.134724138	0.182341608		meru 11	
8	4	1	20	1.134784471	0.182418313			
8	2	13	23	1.134885839	0.18254718			
16	2	7	24	1.134914223	0.182583262			
4	1	5	14	1.134936365	0.18261141			
2	8	1	19	1.134945145	0.18262257			
1	8	4	21	1.134954509	0.182634473			
4	2	10	19	1.135047501	0.182752675			
16	1	7	23	1.135063546	0.182773068			
4	8	2	21	1.135080047	0.182794041			
8	1	9	19	1.135223812	0.182976756			
4	1	17	20	1.135233008	0.182988443			
2	4	4	17	1.135279344	0.183047327			
2	1	1	9	1.135385758	0.18318255			
16	2	2	23	1.135466817	0.183285545			
2	2	12	19	1.135569117	0.183415519			
1	8	3	20	1.13557431	0.183422116			
4	2	13	21	1.135604904	0.183460984			
8	1	5	18	1.135764988	0.183664344			
16	2	11	25	1.135770716	0.18367162			
16	1	13	24	1.135776028	0.183678367			
2	8	8	25	1.135872681	0.183801134			
16	1	8	23	1.135981226	0.183938992			
4	1	8	15	1.136030687	0.184001806			
8	4	11	25	1.136074244	0.18405712			
1	8	2	19	1.136275721	0.184312952			
8	2	4	19	1.136303934	0.184348772			
4	4	9	22	1.136320233	0.184369467			
8	2	7	20	1.136369113	0.184431524			
2	1	21	22	1.136405344	0.184477521			
16	2	3	23	1.136405753	0.18447804			
8	4	4	21	1.136441095	0.184522908			
1	16	3	25	1.136464549	0.184552682			
2	8	7	24	1.136592509	0.184715113			
16	4	6	25	1.13673331	0.184893822			

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4	1	2	13	1.13674828	0.184912821			
2	1	15	17	1.136791113	0.184967181			
4	16	2	25	1.136821461	0.185005695			
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8	4	8	23	1.137026295	0.185265619			
16	1	9	23	1.137031807	0.185272613			
1	8	1	18	1.137070583	0.185321811			
1	16	1	23	1.137074743	0.185327089			
8	1	17	22	1.137077609	0.185330725			
4	8	5	23	1.137116752	0.185380389			
16	1	17	25	1.137230389	0.185524557			
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8	1	22	25	1.137365067	0.185695399			
2	8	6	23	1.137403299	0.185743894			
4	2	7	17	1.137418426	0.185763081			
16	2	4	23	1.137472108	0.185831169			
16	8	1	25	1.137594469	0.185986356			
2	2	4	13	1.137713274	0.186137016			
8	8	1	22	1.137751993	0.186186113			
2	4	3	16	1.137824467	0.186278009			
4	4	5	19	1.137839759	0.186297398			
2	2	7	15	1.137853076	0.186314284			
16	1	1	22	1.137860277	0.186323413			
8	1	10	19	1.137892777	0.186364619			
4	16	1	24	1.137897719	0.186370886			
2	2	19	25	1.13796899	0.186461245			
8	8	6	25	1.138108166	0.186637678			
1	1	3	7	1.138181861	0.186731093		" "	
8	2	1	18	1.138186222	0.186736621			
16	2	12	25	1.138238963	0.18680347			
16	1	10	23	1.138239085	0.186803625			
2	8	5	22	1.13831743	0.186902922			
1	4	14	25	1.138434114	0.187050799			
4	4	13	25	1.138473814	0.187101108			

2	16	3	25	1.13851238	0.187149979			
8	1	19	23	1.138517876	0.187156944			
2	2	11	18	1.138541554	0.187186947			
8	1	13	20	1.138574274	0.187228408			
8	8	3	23	1.138639516	0.187311073			
16	2	5	23	1.138686286	0.187370331			
4	4	8	21	1.138749497	0.187450417			
8	2	10	21	1.138854516	0.187583461			
16	1	3	22	1.138874711	0.187609043			
8	2	5	19	1.138876223	0.187610958			
2	1	6	11	1.138924392	0.187671976			
1	4	13	24	1.138965361	0.187723871			
8	1	1	17	1.13899928	0.187766835			
2	1	11	14	1.139020757	0.187794038			
1	2	13	19	1.139052408	0.187834127			
16	4	7	25	1.13911836	0.187917658			
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4	4	2	17	1.139393101	0.188265576			
8	1	7	18	1.139517317	0.188422848			
4	2	16	23	1.139519421	0.188425513			
1	4	12	23	1.139564645	0.188482768			
8	16	1	25	1.139605061	0.188533934			
16	1	11	23	1.13963283	0.188569088			
2	4	7	19	1.139664602	0.188609308			
2	16	1	23	1.139691081	0.188642827			
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16	8	2	25	1.139884003	0.18888702			
1	1	15	16	1.140033937	0.189076772		meru 72	
16	2	6	23	1.140073096	0.189126326			
8	4	5	21	1.14013356	0.189202838			
8	1	2	17	1.140169844	0.18924875			
16	1	5	22	1.140191111	0.18927566			
4	2	1	14	1.140248669	0.189348486			
16	1	18	25	1.140273124	0.189379427			
8	2	17	25	1.140298514	0.189411551			
8	8	5	24	1.140451478	0.189605067			

16	4	1	23	1.140485438	0.189648026			
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8	4	7	22	1.140519791	0.189691481			
8	2	14	23	1.14062219	0.189821005			
2	4	2	15	1.140709584	0.189931539			
8	4	3	20	1.140804322	0.190051352			
4	8	8	25	1.140844315	0.190101928			
4	1	16	19	1.140932035	0.190212854			
1	2	5	12	1.140967399	0.19025757			
1	4	10	21	1.141004552	0.190304548			
8	1	11	19	1.141055044	0.190368389			
16	4	5	24	1.141063757	0.190379405			
16	2	13	25	1.141133631	0.190467747			
1	4	1	13	1.14114534	0.19048255			
1	2	1	9	1.141179635	0.190525906			
4	1	11	16	1.141200548	0.190552345			
16	2	1	22	1.14120894	0.190562953			
16	1	12	23	1.141250949	0.19061606			
2	2	1	11	1.141377714	0.190776299			
2	2	17	23	1.141396736	0.190800343			
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8	1	3	17	1.141509006	0.190942242			
2	1	20	21	1.141570732	0.191020253			
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1	1	9	11	1.141685579	0.191165386		meru 33	
2	8	2	19	1.141837709	0.191357613			
2	2	10	17	1.141848907	0.191371762			
8	2	6	19	1.141849858	0.191372963			
16	4	8	25	1.141855121	0.191379612			
1	4	9	20	1.141867418	0.191395149			
16	1	7	22	1.141911933	0.191451391			
2	1	2	9	1.142021349	0.191589621			
16	4	2	23	1.142041655	0.191615272			
8	4	9	23	1.142047626	0.191622816			
2	4	14	25	1.14206985	0.19165089			

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1	8	7	23	1.142217551	0.191837458			
4	16	3	25	1.142334816	0.191985564			
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8	4	1	19	1.142509502	0.192206164			
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1	2	11	17	1.143001146	0.192826851			
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1	8	5	21	1.143213455	0.193094801			
4	2	11	19	1.143215526	0.193097415			
8	8	7	25	1.143264519	0.193159241			
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16	2	8	23	1.143494477	0.193449397			
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16	4	3	23	1.143810318	0.193847824			
16	8	1	24	1.143815899	0.193854864			
8	2	9	20	1.143860277	0.193910837			
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2	4	5	17	1.143929646	0.193998326			
1	4	7	18	1.143948799	0.194022481			

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16	1	19	25	1.144004183	0.194092327			
1	16	1	22	1.144034382	0.19413041			
8	16	2	25	1.144094459	0.194206169			
2	4	12	23	1.144124701	0.194244303			
16	1	9	22	1.144186275	0.194321944			
4	2	8	17	1.144205699	0.194346436			
4	1	19	21	1.144228057	0.194374626			
4	4	6	19	1.144483246	0.194696343			
1	8	3	19	1.14450294	0.194721168			
4	16	1	23	1.144544578	0.194773654			
16	2	14	25	1.144567112	0.194802058			
8	1	5	17	1.144821412	0.19512256			
8	2	13	22	1.144843894	0.195150892			
8	1	12	19	1.144857856	0.195168486			
8	4	11	24	1.144880217	0.195196665			
16	1	1	21	1.144902052	0.195224179			
8	8	1	21	1.144948739	0.195283008			
2	16	4	25	1.144962006	0.195299726			
16	4	9	25	1.145016618	0.195368537			
4	4	3	17	1.145087058	0.195457287			
1	2	4	11	1.145095157	0.195467491			
1	4	6	17	1.145202802	0.195603105			
4	8	5	22	1.145251239	0.195664124			
4	8	1	19	1.145281145	0.195701796			
8	2	7	19	1.145317805	0.195747975			
16	1	14	23	1.145373705	0.195818388			
2	8	7	23	1.145375639	0.195820824			
16	8	4	25	1.145382036	0.195828882			
16	1	2	21	1.145430995	0.195890548			
16	1	17	24	1.145532557	0.196018462			
2	2	9	16	1.145545784	0.19603512			
16	2	9	23	1.145615775	0.196123264			
8	4	2	19	1.145683392	0.196208413			
16	2	5	22	1.145742784	0.1962832			
16	4	4	23	1.145827368	0.196389702			

8	8	3	22	1.145979953	0.196581807			
8	16	1	24	1.146013474	0.196624006			
2	16	2	23	1.146090741	0.196721273			
16	4	7	24	1.146112409	0.196748548			
1	1	5	8	1.14613895	0.196781957		meru 19	
1	8	1	17	1.146179835	0.19683342			
4	1	1	12	1.146281083	0.196960855			
1	4	5	16	1.146628353	0.197397858			
2	4	10	21	1.146724234	0.197518491			
16	1	4	21	1.146730567	0.197526459			
2	16	1	22	1.146776189	0.197583855			
2	1	10	13	1.146814846	0.197632486			
1	1	14	15	1.146854042	0.197681794		meru 64	
8	1	6	17	1.146880706	0.197715335			
8	2	1	17	1.147000954	0.197866591			
4	8	4	21	1.147106866	0.197999801			
2	1	19	20	1.147197886	0.198114271			
2	8	5	21	1.147252985	0.19818356			
16	4	1	22	1.147390453	0.198356419			
4	1	24	25	1.147433767	0.19841088			
2	2	5	13	1.147460808	0.198444879			
8	1	20	23	1.147466513	0.198452051			
16	1	5	21	1.147527741	0.198529031			
4	1	5	13	1.147642627	0.198673461			
8	2	15	23	1.147779132	0.19884505			
4	4	5	18	1.147882406	0.198974854			
8	2	5	18	1.147965621	0.199079437			
8	4	10	23	1.147965859	0.199079736			
16	1	15	23	1.148033908	0.199165254			
4	2	19	25	1.148088421	0.199233757			
8	8	5	23	1.14808976	0.199235439			
16	2	10	23	1.148089896	0.19923561			
16	4	5	23	1.148137288	0.199295162			
1	4	4	15	1.148253109	0.19944069			
2	4	9	20	1.148276193	0.199469693			
4	4	14	25	1.148297028	0.19949587			

8	1	1	16	1.148375714	0.199594726			
4	8	9	25	1.14839938	0.199624457			
16	2	1	21	1.148452987	0.1996918			
4	16	4	25	1.148460152	0.199700801			
8	16	3	25	1.149093761	0.20049652			
16	2	7	22	1.149142206	0.200557342			
8	8	8	25	1.14917214	0.200594923			
4	8	3	20	1.149205208	0.200636437			
8	2	2	17	1.149243302	0.200684257			
8	8	2	21	1.149252447	0.200695738			
8	1	7	17	1.149287677	0.200739963			
8	4	13	25	1.14928941	0.200742138			
16	2	13	24	1.149296988	0.200751651			
8	4	3	19	1.149319935	0.200780456			
8	2	8	19	1.14940632	0.200888886			
16	2	2	21	1.149477045	0.200977656			
8	2	18	25	1.149484301	0.200986762			
8	1	13	19	1.149520944	0.201032752			
4	2	3	14	1.149564644	0.201087596			
4	2	13	20	1.149579126	0.201105771			
4	2	7	16	1.149614616	0.201150309			
8	1	17	21	1.149672537	0.201222995			
2	8	3	19	1.149680638	0.20123316			
2	2	8	15	1.149700162	0.20125766			
2	2	2	11	1.149814592	0.201401245			
1	2	3	10	1.149860141	0.201458395			
8	1	23	25	1.149873562	0.201475234			
4	4	13	24	1.14995603	0.201578699			
2	4	8	19	1.150028787	0.201669975			
1	4	3	14	1.150110837	0.201772902			
2	1	7	11	1.150269078	0.201971385			
32	1	1	25	1.150322223	0.20203804			
2	1	13	15	1.150428456	0.202171266			
32	1	2	25	1.150562401	0.20233923			
4	16	2	23	1.150579021	0.202360071			
16	8	1	23	1.150626073	0.202419067			

16	1	8	21	1.150731762	0.202551578			
2	2	13	19	1.150761804	0.202589241			
16	4	6	23	1.150795941	0.202632038			
32	1	3	25	1.150838385	0.202685246			
16	2	11	23	1.151000228	0.20288812			
1	16	3	23	1.151007789	0.202897597			
4	8	7	23	1.151042263	0.202940807			
16	4	3	22	1.151090513	0.203001281			
32	1	4	25	1.151155688	0.203082963			
8	4	1	18	1.15117323	0.203104948			
16	1	16	23	1.151251203	0.203202664			
8	1	3	16	1.15128228	0.203241608			
8	8	7	24	1.151376895	0.203360167			
8	4	9	22	1.151382501	0.203367192			
16	1	13	22	1.151453492	0.203456141			
4	8	2	19	1.151585298	0.203621276			
4	4	4	17	1.151718513	0.203788157			
1	8	8	23	1.151733359	0.203806754			
1	16	1	21	1.151737496	0.203811935			
4	4	12	23	1.151811443	0.20390456			
8	1	11	18	1.151828142	0.203925476			
8	2	3	17	1.151831153	0.203929247			
4	16	1	22	1.151863919	0.203970287			
32	2	1	25	1.151897104	0.20401185			
32	1	6	25	1.151941128	0.204066987			
16	2	4	21	1.152004103	0.204145856			
2	4	7	18	1.1520123	0.204156121			
16	16	1	25	1.152070508	0.204229014			
8	1	8	17	1.1521263	0.204298879			
4	2	1	13	1.152154107	0.204333698			
1	8	7	22	1.152175085	0.204359966			
1	4	2	13	1.152243344	0.204445434			
4	4	7	19	1.152342142	0.204569131			
32	2	2	25	1.152367731	0.204601168			
32	1	7	25	1.152425744	0.204673795			
16	8	6	25	1.152487321	0.204750879			

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4	1	23	24	1.15259108	0.204880759			
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4	1	6	13	1.152743592	0.205071645			
2	8	1	17	1.15284402	0.20519733			
32	2	3	25	1.152908652	0.20527821			
8	8	1	20	1.152938333	0.20531535			
32	1	8	25	1.152985187	0.205373978			
16	4	11	25	1.153027944	0.205427478			
8	16	1	23	1.153037947	0.205439993			
8	2	17	24	1.153082589	0.205495849			
1	4	13	23	1.15312629	0.205550525			
8	1	19	22	1.15316933	0.205604373			
2	16	3	23	1.153207448	0.20565206			
4	2	17	23	1.153349161	0.205829335			
2	1	18	19	1.153354793	0.20583638			
16	8	2	23	1.153404627	0.205898715			
8	4	4	19	1.153517462	0.206039844			
32	2	4	25	1.153530999	0.206056775			
16	2	5	21	1.153564757	0.206098994			
32	1	9	25	1.153632121	0.20618324			
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16	2	9	22	1.153732135	0.206308308			
16	2	16	25	1.15376137	0.206344866			
16	1	10	21	1.153829009	0.20642944			
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16	4	7	23	1.153874649	0.206486505			
1	8	4	19	1.15392737	0.206552422			
16	1	3	20	1.153977676	0.206615315			
4	1	14	17	1.154160716	0.206844132			
16	1	19	24	1.154225039	0.206924533			
2	4	6	17	1.154263306	0.206972364			
8	2	9	19	1.154292247	0.207008536			
4	8	1	18	1.154295044	0.207012031			
1	2	7	13	1.154355212	0.20708723			
4	4	1	15	1.154407638	0.20715275			

2	1	1	8	1.154423057	0.20717202			
4	8	5	21	1.154426578	0.20717642			
16	2	12	23	1.154460317	0.207218583			
1	4	11	21	1.15447984	0.20724298			
1	1	13	14	1.154493551	0.207260114		meru 58	
2	8	8	23	1.154549036	0.207329448			
8	2	11	20	1.154579716	0.207367785			
2	16	1	21	1.154617408	0.207414882			
8	16	4	25	1.154688036	0.20750313			
1	4	1	12	1.154703231	0.207522114			
16	1	21	25	1.154824725	0.207673902			
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32	4	1	25	1.154911125	0.207781835			
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8	4	11	23	1.155043755	0.207947504			
32	2	6	25	1.155075265	0.207986861			
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8	1	5	16	1.155193628	0.20813469			
16	1	17	23	1.155215811	0.208162393			
32	1	11	25	1.155252943	0.208208765			
2	8	7	22	1.155384684	0.208373275			
8	1	14	19	1.155392184	0.20838264			
1	2	2	9	1.155422131	0.208420033			
8	1	9	17	1.155512129	0.208532403			
1	8	2	17	1.155571434	0.208606446			
8	2	7	18	1.155587455	0.208626447			
16	1	11	21	1.155794957	0.208885481			
32	4	2	25	1.155815906	0.208911629			
16	16	2	25	1.155856011	0.208961688			
1	2	19	24	1.15592708	0.20905039			
16	4	5	22	1.155970349	0.209104393			
8	8	9	25	1.155999656	0.209140969			
32	2	7	25	1.156031863	0.209181162			
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16	8	5	24	1.156135954	0.20931106			
4	4	10	21	1.156220385	0.209416413			

1	4	9	19	1.156246102	0.209448503			
32	1	12	25	1.156268443	0.209476377			
16	2	1	20	1.156479466	0.20973965			
4	1	17	19	1.156534226	0.209807961			
16	8	3	23	1.156570988	0.209853818			
2	4	1	13	1.15657753	0.209861979			
1	8	1	16	1.156584385	0.20987053			
8	8	5	22	1.156623095	0.209918814			
1	32	1	25	1.156636788	0.209935894			
8	2	13	21	1.156730978	0.210053375			
2	4	5	16	1.156826531	0.210172545			
16	8	7	25	1.156843515	0.210193726			
32	4	3	25	1.156856073	0.210209387			
1	2	18	23	1.156912886	0.210280236			
16	4	2	21	1.156933827	0.210306349			
8	2	16	23	1.157013114	0.210405216			
8	2	1	16	1.15701577	0.210408529			
2	4	13	23	1.157042745	0.210442163			
32	1	1	24	1.157063879	0.210468515			
32	2	8	25	1.157140793	0.210564412			
4	1	9	14	1.157189904	0.210625642			
2	2	11	17	1.157202469	0.210641306			
4	2	2	13	1.157276772	0.210733937			
4	16	3	23	1.157318387	0.210785815			
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32	1	13	25	1.157457094	0.210958715			
16	4	8	23	1.157466179	0.210970039			
16	1	15	22	1.157494328	0.211005124			
2	32	1	25	1.157886235	0.211493513			
4	1	11	15	1.157888436	0.211496254			
16	1	7	20	1.157973059	0.211601688			
1	2	17	22	1.158029161	0.211671583			
32	4	4	25	1.158054021	0.211702554			
8	4	14	25	1.158083319	0.211739053			
16	8	1	22	1.158112636	0.211775574			
4	1	22	23	1.158165001	0.211840805			

4	2	11	18	1.158178372	0.211857461			
16	4	12	25	1.158180147	0.211859672			
8	2	5	17	1.158357988	0.212081184			
32	1	5	24	1.158396572	0.212129238			
8	4	5	19	1.158405663	0.21214056			
32	2	9	25	1.158430414	0.212171386			
8	16	2	23	1.158478895	0.212231761			
1	1	4	7	1.158551893	0.212322666		meru 14	
1	4	7	17	1.158558546	0.21233095			
16	2	13	23	1.158629801	0.212419678			
1	16	6	25	1.158664402	0.212462762			
2	8	4	19	1.158688235	0.212492437			
32	2	1	24	1.158723435	0.212536263			
4	8	3	19	1.158794236	0.212624414			
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32	1	14	25	1.158855504	0.21270069			
1	16	5	24	1.158905734	0.212763221			
16	2	3	20	1.15895577	0.212825509			
4	1	7	13	1.159003166	0.212884508			
16	16	1	24	1.159042103	0.212932974			
8	1	1	15	1.159107037	0.213013797			
1	16	4	23	1.159184527	0.213110243			
1	2	16	21	1.159293359	0.213245686			
8	4	7	20	1.15941356	0.213395264			
32	1	7	24	1.159420484	0.213403879			
2	4	11	21	1.159505638	0.213509835			
1	16	3	22	1.159506679	0.21351113			
4	4	5	17	1.159545642	0.213559608			
8	1	10	17	1.159610063	0.213639758			
4	8	8	23	1.159645116	0.213683367			
2	2	6	13	1.159749436	0.213813145			
8	8	4	21	1.15975028	0.213814194			
2	4	4	15	1.15975744	0.213823101			
1	16	2	21	1.15987907	0.213974397			
16	2	8	21	1.159951413	0.214064377			
4	16	1	21	1.15996311	0.214078925			

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16	2	17	25	1.160118402	0.214272054			
16	16	3	25	1.160122447	0.214277085			
2	1	17	18	1.160123843	0.214278821			
2	16	6	25	1.160158813	0.214322308			
16	8	4	23	1.160196753	0.214369487			
16	1	18	23	1.160227808	0.214408103			
8	2	10	19	1.160232748	0.214414246			
4	32	1	25	1.1602886	0.214483694			
1	16	1	20	1.160309756	0.214509998			
2	1	4	9	1.16032963	0.214534709			
32	8	1	25	1.160462591	0.214700016			
8	8	7	23	1.160498446	0.214744591			
8	1	7	16	1.160593721	0.214863029			
2	16	5	24	1.160627026	0.214904428			
8	1	2	15	1.160678728	0.214968695			
8	4	13	24	1.160722702	0.215023352			
8	16	1	22	1.160771709	0.215084262			
4	1	1	11	1.160895664	0.215238315			
16	1	13	21	1.160930865	0.215282061			
8	4	1	17	1.16095769	0.215315396			
8	1	21	23	1.161012343	0.215383309			
32	4	6	25	1.161037424	0.215414476			
4	4	2	15	1.161050213	0.215430367			
16	1	9	20	1.161107548	0.215501608			
4	8	7	22	1.161159766	0.215566489			
2	16	4	23	1.16116712	0.215575626			
8	2	15	22	1.161320098	0.215765681			
32	2	5	24	1.16133808	0.21578802			
16	1	1	19	1.161385607	0.21584706			
16	4	9	23	1.161693788	0.216229838			
32	2	11	25	1.161702832	0.216241069			
16	4	4	21	1.16171415	0.216255124			
2	2	19	24	1.161715055	0.216256248			
2	8	2	17	1.16178545	0.216343668			
2	16	3	22	1.161790434	0.216349856			

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1	1	7	9	1.161852055	0.216426374		meru 23	
8	8	1	19	1.161859326	0.216435403			
16	8	8	25	1.161888646	0.21647181			
32	4	1	24	1.161899495	0.216485281			
4	1	13	16	1.161909531	0.216497741			
8	2	19	25	1.161989764	0.216597361			
1	2	1	8	1.162004394	0.216615525			
16	1	2	19	1.162055255	0.21667867			
1	8	11	25	1.162092115	0.216724431			
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32	1	16	25	1.162487408	0.217215089			
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16	4	7	22	1.162544452	0.217285881			
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32	1	11	24	1.162688079	0.217464109			
2	4	9	19	1.162695774	0.217473657			
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1	8	9	23	1.162756542	0.217549057			
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32	4	7	25	1.162896757	0.217723019			
4	16	6	25	1.16298707	0.217835057			
8	1	15	19	1.163068326	0.217935852			
4	1	5	12	1.163087882	0.21796011			
1	1	12	13	1.163119791	0.217999689		meru 46	
2	4	3	14	1.163125912	0.218007282			
4	2	10	17	1.163234012	0.218141358			
16	1	22	25	1.163282	0.218200874			
8	8	3	20	1.163286294	0.2182062			
2	16	1	20	1.16334242	0.218275804			
4	2	3	13	1.163351173	0.218286659			

32	2	7	24	1.163358305	0.218295503			
2	2	18	23	1.163390024	0.218334839			
16	4	1	20	1.163456162	0.218416853			
8	4	12	23	1.163660151	0.218669778			
2	8	1	16	1.163698357	0.218717145			
16	1	4	19	1.163738271	0.218766627			
16	2	14	23	1.163742084	0.218771354			
4	4	13	23	1.163769794	0.218805706			
1	32	2	25	1.163783051	0.218822141			
32	2	12	25	1.163788601	0.218829021			
4	16	5	24	1.163871707	0.218932039			
2	8	11	25	1.163946576	0.219024842			
1	32	1	24	1.163969411	0.219053145			
32	8	3	25	1.16407478	0.21918374			
8	4	6	19	1.164159515	0.219288753			
1	2	13	18	1.164192514	0.219329646			
4	1	21	22	1.164210244	0.219351617			
4	2	7	15	1.164370608	0.219550327			
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16	4	13	25	1.164401182	0.219588209			
32	1	1	23	1.164437549	0.219633268			
4	8	1	17	1.164500396	0.219711113			
8	16	3	23	1.164602715	0.219837888			
8	1	4	15	1.164660703	0.219909721			
8	1	11	17	1.164666436	0.219916822			
16	4	5	21	1.164694671	0.219951797			
32	1	2	23	1.164730082	0.21999566			
16	8	3	22	1.164733309	0.219999656			
8	32	1	25	1.164751298	0.220021938			
16	1	5	19	1.16479431	0.220075213			
1	8	5	19	1.164833606	0.220123884			
4	1	2	11	1.16483505	0.220125672			
32	1	17	25	1.164870653	0.220169767			
4	16	4	23	1.164889523	0.220193137			
2	32	2	25	1.16490776	0.220215724			
16	16	4	25	1.164952719	0.220271403			

32	4	8	25	1.165066061	0.220411761			
32	1	3	23	1.165070355	0.220417077			
8	4	2	17	1.165082792	0.220432478			
4	4	7	18	1.165138293	0.220501202			
2	8	9	23	1.165213961	0.220594893			
2	2	17	22	1.165272659	0.220667566			
2	32	1	24	1.165273425	0.220668514			
32	1	13	24	1.165294404	0.220694488			
16	8	7	24	1.165348686	0.22076169			
16	2	1	19	1.165422203	0.220852702			
32	1	4	23	1.165466428	0.220907448			
16	1	11	20	1.1654964	0.220944549			
1	4	3	13	1.165657574	0.221144042			
2	2	5	12	1.165899246	0.22144312			
32	1	5	23	1.165927865	0.221478533			
2	1	8	11	1.166017629	0.221589601			
16	1	6	19	1.166030145	0.221605086			
4	16	3	22	1.166061598	0.221644002			
32	2	1	23	1.166191137	0.221804264			
8	1	17	20	1.166200816	0.221816237			
8	8	5	21	1.166221543	0.221841878			
4	2	1	12	1.166267389	0.221898591			
32	2	13	25	1.166270221	0.221902094			
1	2	12	17	1.166287309	0.221923233			
32	8	4	25	1.166301234	0.221940458			
16	2	10	21	1.166353293	0.222004853			
16	8	1	21	1.16638152	0.222039767			
1	8	3	17	1.166429122	0.222098645			
32	1	6	23	1.166466069	0.222144342			
16	16	1	23	1.166682923	0.222412524			
16	2	2	19	1.166719563	0.222457832			
16	4	10	23	1.166725281	0.222464902			
32	2	2	23	1.166764437	0.222513319			
16	1	17	22	1.166773394	0.222524394			
4	4	1	14	1.166785816	0.222539754			
16	1	19	23	1.166799949	0.222557228			

16	2	7	20	1.16684266	0.222610038			
2	4	7	17	1.166852615	0.222622346			
4	1	8	13	1.16690054	0.222681599			
32	4	5	24	1.16693495	0.222724141			
2	4	2	13	1.167021579	0.222831238			
4	32	2	25	1.167076218	0.222898782			
32	1	7	23	1.167094731	0.222921666			
4	8	4	19	1.167116479	0.222948551			
8	8	2	19	1.167301656	0.223177432			
1	1	1	5	1.167303978	0.223180303		meru 9	
4	8	11	25	1.167378707	0.223272659			
2	2	16	21	1.167389996	0.223286611			
4	16	2	21	1.167412968	0.223314999			
32	2	3	23	1.167431539	0.223337949			
16	1	7	19	1.167482051	0.22340037			
8	2	7	17	1.167511944	0.223437309			
4	2	13	19	1.167593221	0.223537739			
2	1	16	17	1.167605923	0.223553435			
32	4	9	25	1.167610758	0.223559409			
8	2	11	19	1.167619583	0.223570312			
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32	8	1	24	1.167749373	0.223730671			
4	32	1	24	1.167781142	0.223769919			
16	8	9	25	1.167781809	0.223770743			
32	1	18	25	1.167783735	0.223773122			
32	1	8	23	1.167830422	0.223830799			
1	16	7	25	1.167882424	0.223895038			
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8	16	6	25	1.168104274	0.224169066			
16	4	3	20	1.168123634	0.224192977			
32	2	4	23	1.168208782	0.224298135			
16	2	3	19	1.168231025	0.224325604			
8	8	8	23	1.168256544	0.224357119			
8	1	9	16	1.168361529	0.22448676			
1	16	5	23	1.168364699	0.224490674			
16	2	18	25	1.168367531	0.224494171			

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1	8	1	15	1.168581249	0.224758045			
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32	1	9	23	1.168693391	0.224896486			
4	2	9	16	1.168913619	0.22516832			
4	4	6	17	1.168934425	0.225193999			
4	16	1	20	1.168973633	0.225242389			
32	2	5	23	1.169115853	0.2254179			
2	8	5	19	1.169143421	0.225451919			
1	4	16	25	1.169163333	0.22547649			
2	16	7	25	1.169189157	0.225508355			
16	1	8	19	1.169196255	0.225517113			
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32	2	14	25	1.169251986	0.225585879			
8	16	1	21	1.169327778	0.225679393			
16	2	13	22	1.169449449	0.225829501			
8	2	17	23	1.169499393	0.225891113			
8	4	5	18	1.169506731	0.225900165			
4	1	3	11	1.169540211	0.225941465			
32	4	1	23	1.169547147	0.225950021			
8	16	5	24	1.169703536	0.226142921			
4	8	9	23	1.169706012	0.226145976			
32	1	10	23	1.16970867	0.226149254			
16	8	2	21	1.169823192	0.226290497			
8	4	3	17	1.169896376	0.226380748			
1	16	1	19	1.169906804	0.226393608			
32	2	11	24	1.169936936	0.226430765			
16	2	4	19	1.169998048	0.226506123			
32	16	1	25	1.170058266	0.226580374			
1	4	14	23	1.170079504	0.226606561			
2	16	5	23	1.170126109	0.226664023			
16	2	15	23	1.17015547	0.226700223			
32	2	6	23	1.17017669	0.226726385			
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16	2	11	21	1.170561989	0.227201337			
8	4	10	21	1.170599888	0.227248046			

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32	4	2	23	1.170649587	0.227309295			
4	2	4	13	1.170672427	0.227337443			
4	1	20	21	1.170791753	0.227484489			
4	2	19	24	1.170798495	0.227492796			
8	8	7	22	1.170836177	0.227539229			
32	4	7	24	1.170859142	0.227567526			
32	1	11	23	1.170907627	0.227627265			
8	4	7	19	1.171021391	0.227767429			
8	1	12	17	1.171071738	0.227829456			
16	1	1	18	1.171116009	0.227883995			
8	32	2	25	1.171124384	0.227894311			
1	4	1	11	1.171139972	0.227913514			
16	1	9	19	1.171232865	0.228027941			
16	16	2	23	1.171282351	0.228088896			
8	2	13	20	1.171285823	0.228093173			
32	1	19	25	1.171408943	0.228244814			
32	2	7	23	1.171420728	0.228259327			
4	1	15	17	1.17148814	0.228342348			
8	1	1	14	1.171509386	0.228368513			
8	2	2	15	1.171512089	0.228371841			
8	16	4	23	1.17153606	0.228401361			
2	4	1	12	1.171561799	0.228433058			
2	4	16	25	1.171583912	0.228460288			
1	32	3	25	1.171644293	0.22853464			
4	16	7	25	1.171675938	0.228573604			
16	4	9	22	1.171687367	0.228587677			
32	8	6	25	1.171867664	0.228809659			
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16	1	13	20	1.171884601	0.22883051			
32	4	3	23	1.17193296	0.228890044			
1	32	1	23	1.172020924	0.228998327			
16	4	14	25	1.172049508	0.229033512			
16	2	5	19	1.172072951	0.229062367			
1	4	11	20	1.172073032	0.229062467			
8	4	1	16	1.172095201	0.229089754			

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32	1	12	23	1.172330224	0.229379007			
8	32	1	24	1.172441036	0.229515369			
2	2	14	19	1.172460862	0.229539765			
32	1	1	22	1.172536318	0.22963261			
16	32	1	25	1.172577202	0.229682912			
2	32	3	25	1.172645102	0.229766451			
4	8	2	17	1.172694039	0.229826657			
16	4	11	23	1.17279566	0.22995167			
16	4	1	19	1.172876312	0.230050879			
32	2	8	23	1.172884634	0.230061116			
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1	4	10	19	1.172958499	0.23015197			
32	16	2	25	1.173007034	0.230211665			
2	2	4	11	1.173041053	0.230253505			
2	16	1	19	1.173109325	0.230337468			
8	1	24	25	1.173166011	0.230407179			
16	2	17	24	1.173187456	0.23043355			
32	1	3	22	1.173242669	0.230501446			
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2	4	14	23	1.173287912	0.230557078			
8	8	11	25	1.173374971	0.230664124			
2	32	1	23	1.173384486	0.230675822			
4	4	9	19	1.173403284	0.230698934			
32	4	4	23	1.173430308	0.23073216			
4	2	18	23	1.173433371	0.230735926			
4	16	5	23	1.173450479	0.230756959			
16	8	5	22	1.173546551	0.230875071			
8	2	8	17	1.173586656	0.230924372			
8	8	3	19	1.17358728	0.23092514			
8	16	3	22	1.173638978	0.23098869			
16	1	10	19	1.173671964	0.231029238			
8	1	16	19	1.173699161	0.231062669			
2	1	5	9	1.173722381	0.23109121			
8	1	7	15	1.173850025	0.231248097			

16	1	16	21	1.173941844	0.23136094			
32	1	13	23	1.174028383	0.231467288			
8	1	19	21	1.174163264	0.231633025			
32	4	11	25	1.174194794	0.231671765			
32	1	5	22	1.17421343	0.231694662			
2	4	13	22	1.174339044	0.23184899			
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32	2	1	22	1.174394899	0.231917607			
32	1	17	24	1.174397497	0.231920799			
2	1	3	8	1.17446105	0.231998868			
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16	2	6	19	1.174522968	0.232074925			
4	32	3	25	1.174580444	0.232145523			
32	2	9	23	1.174614801	0.232187722			
8	4	9	20	1.174709637	0.232304198			
16	8	7	23	1.174873457	0.232505376			
16	1	5	18	1.175052293	0.232724962			
1	8	12	25	1.175075039	0.232752889			
16	16	1	22	1.175094078	0.232776264			
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32	4	5	23	1.175182332	0.232884611			
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16	4	2	19	1.175318099	0.233051274			
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1	8	11	24	1.175350167	0.233090636			
32	8	7	25	1.17536043	0.233103234			
32	2	13	24	1.175388271	0.233137407			
16	2	1	18	1.175447347	0.233209917			
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32	1	7	22	1.175554	0.233340812			
16	8	1	20	1.175561973	0.233350596			
8	4	4	17	1.175568759	0.233358924			
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32	8	1	23	1.175728431	0.233554866			
32	2	3	22	1.175779642	0.233617703			

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16	4	13	24	1.175936148	0.233809725			
4	32	1	23	1.176007215	0.233896911			
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32	1	14	23	1.176071189	0.233975391			
16	1	23	25	1.176141585	0.234061744			
4	8	1	16	1.176149905	0.234071949			
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8	16	7	25	1.176217349	0.234154675			
4	2	17	22	1.176372732	0.234345248			
32	16	3	25	1.176390454	0.234366983			
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32	2	10	23	1.176671008	0.234711005			
16	16	6	25	1.176741043	0.234796872			
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2	4	11	20	1.176946038	0.235048175			
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8	2	12	19	1.177086019	0.235219753			
32	8	5	24	1.177115711	0.235256145			
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16	4	8	21	1.177203692	0.235363972			
32	4	6	23	1.177239867	0.235408305			
4	1	9	13	1.177264336	0.23543829			
32	2	16	25	1.177368286	0.235565672			
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32	8	2	23	1.177776899	0.236066282			
32	16	1	24	1.177860755	0.236168996			
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1	2	8	13	1.178107981	0.236471777			
4	1	7	12	1.178131808	0.236500956			
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8	32	3	25	1.178212924	0.236600283			
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16	32	2	25	1.17828212	0.236685009			
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8	16	5	23	1.1794378	0.238099337			
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32	8	8	25	1.179464847	0.238132421			
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32	8	3	23	1.180161652	0.238984486			
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32	16	4	25	1.180286866	0.239137546			
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32	4	3	22	1.180615862	0.23953963			
16	32	1	24	1.180617228	0.239541299			
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2	16	4	21	1.181460267	0.240571112			
32	1	1	21	1.18147246	0.240586			
16	4	4	19	1.181536597	0.240664316			
16	8	8	23	1.181551582	0.240682613			
8	2	7	16	1.181555369	0.240687237			
4	16	8	25	1.181568029	0.240702695			
32	1	16	23	1.181608882	0.240752576			
4	8	10	23	1.181617446	0.240763032			
8	2	1	14	1.181779222	0.240960539			
32	1	2	21	1.181836327	0.24103025			
2	32	2	23	1.181895326	0.241102269			
16	1	1	17	1.182092693	0.241343168			
32	2	12	23	1.182104079	0.241357064			
32	1	21	25	1.182146004	0.241408231			
2	16	3	20	1.182207388	0.241483142			
16	2	13	21	1.182217474	0.241495449			
1	4	4	13	1.18224223	0.241525661			
4	8	3	17	1.182243387	0.241527072			
1	2	7	12	1.182259857	0.24154717			
4	1	5	11	1.182310232	0.241608641			

4	16	7	24	1.18232081	0.241621548			
2	32	1	22	1.182331089	0.241634091			
8	4	5	17	1.182334358	0.241638079			
8	4	3	16	1.182490772	0.241828924			
16	16	4	23	1.182538702	0.2418874			
32	4	8	23	1.182548397	0.241899229			
2	4	8	17	1.182563104	0.24191717			
1	8	1	14	1.182565619	0.241920239			
16	2	11	20	1.182678425	0.242057853			
64	2	1	25	1.182708377	0.24209439			
2	8	5	18	1.182755316	0.242151645			
32	1	4	21	1.182773095	0.242173331			
2	2	11	16	1.182837318	0.242251666			
32	1	19	24	1.182888112	0.242313617			
4	32	4	25	1.182915276	0.242346748			
4	8	9	22	1.182937685	0.242374077			
32	8	4	23	1.182947604	0.242386174			
16	1	2	17	1.182966974	0.242409797			
64	2	2	25	1.18301653	0.242470233			
16	8	11	25	1.18303313	0.242490476			
32	2	17	25	1.18304347	0.242503086			
16	1	19	22	1.183079326	0.242546811			
2	16	2	19	1.183084771	0.24255345			
8	4	16	25	1.183135776	0.242615646			
16	2	5	18	1.183138411	0.242618859			
4	16	6	23	1.183200291	0.242694312			
8	8	1	17	1.183232243	0.242733271			
4	2	1	11	1.18326515	0.242773394			
16	4	7	20	1.183365023	0.242895159			
32	1	5	21	1.183373084	0.242904986			
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16	4	1	18	1.183447003	0.242995101			
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8	2	11	18	1.183552668	0.243123908			
32	4	13	25	1.183753611	0.243368826			
8	2	19	24	1.18375733	0.243373359			

64	2	4	25	1.183809774	0.243437273			
16	8	5	21	1.18383189	0.243464226			
32	1	13	22	1.18384333	0.243478167			
16	8	3	20	1.183928772	0.243582287			
16	16	7	25	1.183989452	0.243656228			
4	4	3	14	1.183996568	0.243664899			
16	1	3	17	1.184001105	0.243670428			
32	4	11	24	1.184041077	0.243719132			
32	2	9	22	1.184079367	0.243765786			
2	16	1	18	1.184116259	0.243810735			
32	2	2	21	1.184162211	0.24386672			
4	16	5	22	1.184228096	0.243946987			
16	2	15	22	1.184234284	0.243954526			
4	32	2	23	1.184239484	0.243960861			
1	1	10	11	1.184276322	0.244005738		meru 32	
32	4	5	22	1.184298903	0.244033246			
2	8	4	17	1.184308929	0.244045459			
32	8	9	25	1.184325511	0.244065659			
64	4	1	25	1.184370946	0.244121005			
16	16	1	21	1.184398104	0.244154086			
4	8	8	21	1.184468537	0.244239877			
32	8	7	24	1.184483227	0.24425777			
32	8	1	22	1.184503186	0.244282079			
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8	8	12	25	1.184619872	0.244424193			
16	32	3	25	1.184693414	0.244513753			
16	1	13	19	1.184765329	0.244601327			
8	4	1	15	1.184887	0.244749479			
64	2	6	25	1.184917932	0.244787141			
64	4	2	25	1.184973188	0.244854416			
2	4	7	16	1.185052878	0.244951435			
4	32	1	22	1.185079881	0.244984308			
16	2	9	19	1.185175481	0.245100686			
32	32	1	25	1.185183274	0.245110171			
16	1	4	17	1.185227517	0.245164026			
2	1	14	15	1.18524094	0.245180365			

4	4	11	20	1.185263605	0.245207953			
4	16	4	21	1.18542992	0.245410377			
32	1	17	23	1.185437534	0.245419643			
16	4	5	19	1.185520276	0.245520337			
8	16	8	25	1.185525114	0.245526225			
16	8	7	22	1.18562112	0.245643053			
64	2	7	25	1.185629325	0.245653036			
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32	2	13	23	1.18573567	0.245782433			
16	8	1	19	1.185813342	0.245876934			
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32	1	8	21	1.18593101	0.246020086			
32	4	9	23	1.185992912	0.246095388			
32	2	4	21	1.186000701	0.246104863			
8	1	1	13	1.186005407	0.246110587			
16	16	3	22	1.186064992	0.246183066			
2	8	3	16	1.186129306	0.246261294			
8	32	4	25	1.186133413	0.24626629			
32	8	5	23	1.186216607	0.246367475			
4	8	7	20	1.186244916	0.246401904			
8	8	11	24	1.18635294	0.246533276			
8	1	22	23	1.186357533	0.246538862			
32	16	1	23	1.186412568	0.246605786			
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16	1	5	17	1.186686914	0.246939357			
16	2	1	17	1.186763736	0.247032749			
4	16	3	20	1.186836526	0.247121233			
8	16	7	24	1.186905547	0.247205132			
1	2	6	11	1.187093003	0.247432967			
32	2	5	21	1.187181662	0.247540712			
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4	2	14	19	1.18745378	0.247871359			
64	2	9	25	1.187477643	0.247900351			
64	8	1	25	1.187549132	0.247987202			
8	2	18	23	1.187592143	0.248039454			

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4	4	10	19	1.188018604	0.248557428			
8	4	14	23	1.18808341	0.248636125			
8	1	2	13	1.18822358	0.248806323			
2	8	2	15	1.188267995	0.248860249			
4	8	6	19	1.188308671	0.248909635			
8	8	10	23	1.188346051	0.248955016			
16	1	6	17	1.188431237	0.249058431			
16	2	2	17	1.188459084	0.249092235			
4	16	2	19	1.188485056	0.249123763			
8	16	6	23	1.188509332	0.249153232			
32	1	10	21	1.188566515	0.249222643			
32	4	2	21	1.188603595	0.24926765			
8	32	2	23	1.188620616	0.249288309			
64	4	6	25	1.188688721	0.24937097			
64	8	2	25	1.188701311	0.24938625			
16	32	1	23	1.189441762	0.250284636			
32	8	3	22	1.189454925	0.250300601			
32	4	7	22	1.189469662	0.250318476			
16	16	5	23	1.189475694	0.250325792			
8	16	1	19	1.189493069	0.250346865			
32	1	15	22	1.189505154	0.250361523			
16	8	9	23	1.189521119	0.250380886			
16	2	7	18	1.189535615	0.250398467			
8	8	5	19	1.18954511	0.250409983			
16	1	11	18	1.189562058	0.250430537			
4	8	1	15	1.189573091	0.250443917			
16	4	13	23	1.189585085	0.250458464			
8	2	3	14	1.189606152	0.250484013			
8	4	9	19	1.189620357	0.250501241			
16	2	17	23	1.18968191	0.250575886			
2	4	1	11	1.189715304	0.250616381			
8	2	13	19	1.189738852	0.250644936			
4	1	3	10	1.189781378	0.250696503			
16	1	21	23	1.189845912	0.250774753			
2	2	5	11	1.18990682	0.250848602			

32	32	2	25	1.189952951	0.250904532			
8	1	17	19	1.189953264	0.250904912			
32	16	2	23	1.190008706	0.250972129			
32	16	6	25	1.190034425	0.251003308			
1	2	1	7	1.190038287	0.25100799			
64	8	3	25	1.190058513	0.251032511			
32	8	6	23	1.190073591	0.251050789			
64	4	7	25	1.190083474	0.25106277			
16	16	2	21	1.19010347	0.25108701			
4	1	13	15	1.190104014	0.25108767			
64	2	11	25	1.190110017	0.251094946			
32	4	10	23	1.190150085	0.251143518			
1	16	9	25	1.190170707	0.251168515			
16	8	2	19	1.190185235	0.251186126			
8	32	1	22	1.190191454	0.251193664			
32	2	14	23	1.190241672	0.251254535			
32	4	14	25	1.190266501	0.25128463			
16	4	6	19	1.190283645	0.251305409			
1	32	3	23	1.190299348	0.251324442			
32	1	11	21	1.190299445	0.251324559			
8	8	2	17	1.190330107	0.251361723			
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32	1	18	23	1.190353418	0.251389975			
8	16	5	22	1.19037373	0.251414593			
16	4	10	21	1.190381925	0.251424525			
16	2	10	19	1.190404451	0.251451826			
4	16	1	18	1.19042084	0.251471688			
32	2	18	25	1.190440227	0.251495184			
8	4	2	15	1.190461478	0.251520938			
16	2	3	17	1.19047209	0.251533798			
1	8	13	25	1.190483602	0.251547748			
2	64	1	25	1.190491708	0.251557573			
8	4	6	17	1.190525776	0.251598857			
16	1	7	17	1.190528079	0.251601647			
16	1	14	19	1.190556465	0.251636046			
1	16	7	23	1.190565491	0.251646983			

8	8	9	22	1.1906392	0.251736299			
32	1	22	25	1.190683642	0.251790148			
4	4	2	13	1.190710141	0.251822256			
4	8	5	18	1.190710518	0.251822713			
1	1	5	7	1.190712707	0.251825364		meru 13	
1	32	1	21	1.190748465	0.251868689			
2	8	1	14	1.190789619	0.251918549			
8	2	10	17	1.190805035	0.251937226			
8	1	3	13	1.190877904	0.252025507			
4	2	2	11	1.190955182	0.252119123			
1	8	11	23	1.191003226	0.252177321			
64	2	1	24	1.191019232	0.252196709			
8	4	13	22	1.191062173	0.252248723			
4	2	6	13	1.191082991	0.252273939			
1	4	17	25	1.191097651	0.252291695			
2	16	9	25	1.191109354	0.252305871			
1	16	5	21	1.191121313	0.252320356			
8	1	14	17	1.191237312	0.252460848			
4	1	6	11	1.191297371	0.252533583			
2	4	5	14	1.191320768	0.252561918			
2	32	3	23	1.191367145	0.252618079			
32	1	1	20	1.191382639	0.252636841			
2	2	2	9	1.19147901	0.252753536			
1	4	1	10	1.191480313	0.252755113			
64	8	4	25	1.191659909	0.25297256			
4	1	10	13	1.19170616	0.253028554			
2	8	13	25	1.1917118	0.253035381			
4	64	1	25	1.191742591	0.253072657			
64	4	8	25	1.191744766	0.253075289			
64	2	12	25	1.191836442	0.253186265			
8	2	17	22	1.191844697	0.253196259			
1	4	15	23	1.191857758	0.253212068			
2	16	7	23	1.191880617	0.253239738			
1	16	3	19	1.191904177	0.253268256			
16	32	4	25	1.191930318	0.253299896			
2	1	2	7	1.192089882	0.253493017			

4	2	13	18	1.192092535	0.253496228			
32	4	4	21	1.19214635	0.253561355			
2	32	1	21	1.192249073	0.253685661			
32	2	8	21	1.192269321	0.253710162			
32	1	3	20	1.192279796	0.253722837			
2	2	9	14	1.192393077	0.253859904			
16	16	8	25	1.192401378	0.253869947			
8	16	4	21	1.192543355	0.254041717			
2	8	11	23	1.192715073	0.25424944			
1	8	7	19	1.192755153	0.254297919			
64	4	1	24	1.192775149	0.254322105			
64	2	5	24	1.192817316	0.254373106			
1	2	21	25	1.192853333	0.254416668			
16	2	4	17	1.192873525	0.254441089			
2	4	17	25	1.192874333	0.254442066			
4	16	9	25	1.192917283	0.25449401			
1	4	13	21	1.192917557	0.254494341			
2	16	5	21	1.19296203	0.254548126			
1	16	1	17	1.193008413	0.254604217			
16	1	8	17	1.193067542	0.25467572			
16	8	12	25	1.193072681	0.254681933			
8	8	8	21	1.193279881	0.254932463			
64	16	1	25	1.193391227	0.255067076			
4	32	3	23	1.193433929	0.255118698			
32	2	1	20	1.19349253	0.255189536			
4	8	4	17	1.193512705	0.255213924			
64	4	9	25	1.193731636	0.25547854			
32	32	1	24	1.193798737	0.255559632			
8	1	21	22	1.193817524	0.255582337			
1	1	2	5	1.193859111	0.255632593		meru 8	
64	2	13	25	1.193927546	0.255715289			
4	8	13	25	1.194038595	0.25584947			
8	1	4	13	1.194078996	0.255898284			
16	4	16	25	1.194110387	0.255936209			
8	64	1	25	1.194150238	0.255984355			
32	16	3	23	1.194188397	0.256030456			

1	8	5	17	1.194191158	0.256033792			
32	8	1	21	1.194198709	0.256042915			
1	2	19	23	1.194270526	0.256129673			
32	16	5	24	1.194271525	0.256130879			
2	4	15	23	1.194310395	0.256177835			
64	2	7	24	1.194313735	0.256181869			
4	16	7	23	1.194392589	0.256277119			
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32	4	5	21	1.194432149	0.256324903			
2	16	3	19	1.194479558	0.256382164			
16	1	1	16	1.194570977	0.256492576			
4	1	17	18	1.194615987	0.256546934			
32	8	7	23	1.194655555	0.256594718			
16	16	1	20	1.194744946	0.256702665			
16	16	7	24	1.194787347	0.256753865			
4	4	8	17	1.194826416	0.256801039			
32	1	13	21	1.194985703	0.256993357			
8	16	3	20	1.195072188	0.257097767			
4	32	1	21	1.195136651	0.257175585			
32	4	11	23	1.19522781	0.257285621			
32	2	3	20	1.195251913	0.257314714			
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16	8	3	19	1.195322173	0.257399518			
32	1	7	20	1.195374074	0.257462158			
16	4	1	17	1.195392402	0.257484278			
32	32	3	25	1.195400009	0.257493459			
64	16	2	25	1.195513265	0.257630138			
32	4	13	24	1.195613002	0.257750491			
2	1	13	14	1.195750455	0.257916341			
16	2	5	17	1.195755881	0.257922887			
64	8	6	25	1.195800114	0.257976254			
32	16	1	22	1.195826928	0.258008604			
16	8	11	24	1.195917527	0.258117902			
4	8	11	23	1.195918391	0.258118943			
32	2	15	23	1.195948772	0.258155594			
16	4	7	19	1.196044159	0.258270656			

2	8	7	19	1.196060906	0.258290857			
2	2	21	25	1.196070624	0.258302579			
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4	4	17	25	1.196141212	0.258387719			
32	16	7	25	1.196165576	0.258417104			
16	1	9	17	1.196173306	0.258426428			
8	8	1	16	1.196182376	0.258437366			
1	2	17	21	1.196214802	0.258476475			
8	16	9	25	1.196287982	0.258564731			
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2	4	13	21	1.196289801	0.258566924			
32	8	5	22	1.196324739	0.258609058			
8	8	7	20	1.196325109	0.258609505			
16	4	9	20	1.196370746	0.258664539			
16	32	2	23	1.196381926	0.258678021			
4	16	5	21	1.196446052	0.258755347			
1	4	9	17	1.196448035	0.258757738			
64	2	14	25	1.196481549	0.258798149			
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2	16	1	17	1.1966149	0.258958933			
32	2	17	24	1.19662152	0.258966913			
32	8	2	21	1.196749249	0.259120901			
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16	1	3	16	1.19679589	0.259177126			
32	1	19	23	1.196892722	0.259293849			
32	4	9	22	1.196914791	0.25932045			
16	2	11	19	1.196978461	0.259397192			
32	8	11	25	1.197161521	0.259617813			
8	32	3	23	1.1973196	0.259808302			
4	2	12	17	1.197331319	0.259822422			
16	8	1	18	1.197334363	0.25982609			
8	2	1	13	1.197336489	0.259828651			
8	4	5	16	1.197339797	0.259832638			
1	1	9	10	1.197491434	0.260015335		meru 28	
32	4	1	20	1.197530439	0.260062327			
16	16	6	23	1.197537811	0.260071208			

32	2	13	22	1.197628876	0.260180912			
32	2	10	21	1.197640091	0.260194422			
16	2	13	20	1.197641183	0.260195737			
8	1	5	13	1.197979158	0.260602809			
32	1	9	20	1.198005483	0.260634511			
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8	8	13	25	1.198257479	0.260937944			
2	2	8	13	1.198277481	0.260962027			
8	4	11	20	1.198284706	0.260970725			
8	2	7	15	1.198386457	0.261093226			
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2	2	19	23	1.198608301	0.261360271			
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4	4	15	23	1.198737308	0.261515541			
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8	2	9	16	1.198993835	0.261824241			
8	16	7	23	1.199008856	0.261842315			
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16	16	2	19	1.213580789	0.279270154			
32	32	1	22	1.21367642	0.279383834			
2	8	8	19	1.213781476	0.279508709			
2	32	5	23	1.213905447	0.279656052			
32	2	7	19	1.213909299	0.27966063			
64	4	3	22	1.213923352	0.279677332			
4	1	11	13	1.214010234	0.279780583			

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1	8	4	15	1.214245428	0.280060055			
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8	4	3	14	1.214343174	0.280176186			
8	2	13	18	1.214346967	0.280180691			
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32	2	11	20	1.214825375	0.280748949			
32	1	1	18	1.214838235	0.280764221			
32	1	19	22	1.214847194	0.28077486			
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32	8	10	23	1.214941371	0.280886696			
8	8	14	25	1.215067322	0.28103625			
8	16	1	17	1.215100872	0.281076084			
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16	64	3	25	1.215271673	0.281278864			
32	4	10	21	1.215404452	0.281436482			
4	32	5	23	1.215431501	0.281468589			
32	4	4	19	1.215435853	0.281473755			
16	2	9	17	1.215459491	0.281501812			
1	8	3	14	1.21550228	0.2815526			
4	16	2	17	1.215626066	0.281699515			
4	8	10	21	1.215640539	0.281716692			
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2	32	1	19	1.21570727	0.281795884			

16	32	3	22	1.21571082	0.281800097			
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64	8	11	25	1.215962289	0.282098487			
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64	8	6	23	1.216014781	0.282160765			
16	8	2	17	1.216109351	0.28227296			
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32	64	1	24	1.216275496	0.282470048			
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8	8	13	24	1.216401607	0.282619627			
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8	32	7	25	1.21647453	0.282706114			
32	8	13	25	1.216504308	0.28274143			
32	16	5	22	1.216562491	0.282810429			
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16	4	11	20	1.216808243	0.283101831			
8	2	19	23	1.216809114	0.283102865			
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16	2	13	19	1.216882126	0.283189427			
32	8	1	19	1.216998483	0.283327369			
1	8	2	13	1.217020618	0.283353609			
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32	32	6	25	1.21716029	0.283519171			
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64	2	9	22	1.217377323	0.283776397			
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2	8	5	16	1.21792489	0.284425164			
8	8	12	23	1.217979083	0.284489357			
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16	16	8	23	1.218157839	0.284701079			
8	1	5	12	1.218216482	0.284770528			
8	32	5	23	1.218338388	0.284914891			
16	64	1	23	1.218381888	0.284966401			
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32	4	5	19	1.21853091	0.285142847			
16	32	2	21	1.218574503	0.285194459			
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4	8	8	19	1.218868071	0.285541979			
4	32	1	19	1.218919153	0.28560244			
128	4	6	25	1.2189437	0.285631493			
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64	16	8	25	1.219303281	0.286057017			
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8	16	4	19	1.219483612	0.286270371			
16	1	13	17	1.21954974	0.2863486			
64	8	7	23	1.21956718	0.286369232			

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32	16	7	23	1.219637667	0.286452612			
64	2	14	23	1.219637952	0.28645295			
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2	64	4	25	1.219827503	0.286677149			
16	2	7	16	1.21985092	0.286704844			
32	4	14	23	1.219851608	0.286705658			
2	8	4	15	1.219893702	0.286755441			
4	1	8	11	1.219918107	0.286784304			
1	16	9	23	1.219918731	0.286785041			
128	4	7	25	1.219958315	0.286831853			
8	4	7	16	1.220023495	0.286908931			
32	32	5	24	1.220142678	0.28704986			
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2	16	11	25	1.22022466	0.287146792			
16	32	7	25	1.22023241	0.287155955			
32	8	2	19	1.220258601	0.287186921			
32	1	21	23	1.220292219	0.287226666			
32	1	7	18	1.220342584	0.287286209			
32	2	9	19	1.220401943	0.287356382			
32	8	9	22	1.220444489	0.287406677			
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2	64	1	22	1.220482133	0.287451176			
64	4	7	22	1.220500297	0.287472646			
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8	8	5	17	1.220735155	0.287750234			
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1	1	1	4	1.220744085	0.287760787	meru 5	meta-ptolemy	
1	4	16	23	1.220794657	0.287820553			
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32	2	19	24	1.221294228	0.288410809			
2	4	18	25	1.221379779	0.288511866			
4	16	11	25	1.221395307	0.288530207			
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32	16	4	21	1.222291149	0.289587975			
32	4	6	19	1.222315443	0.28961665			
2	4	16	23	1.222483287	0.289814742			
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32	32	4	23	1.223628053	0.291165087			
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16	4	1	15	1.224638043	0.292355406			
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64	2	15	23	1.224686868	0.292412924			
2	16	3	17	1.224758633	0.292497461			
8	32	1	19	1.224900077	0.292664064			
32	2	10	19	1.224916449	0.292683347			
64	16	7	24	1.224924656	0.292693013			
32	8	11	23	1.225096022	0.292894831			
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32	32	1	21	1.225223767	0.293045258			
16	8	1	16	1.225260474	0.29308848			
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16	1	8	15	1.225354471	0.293199152			
128	8	7	25	1.225447542	0.293308727			
16	1	1	14	1.225456529	0.293319308			
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16	1	17	19	1.225772539	0.293691289			
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1	4	9	16	1.225861473	0.293795958			

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32	4	13	22	1.226082539	0.294056104			
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8	16	2	17	1.226269486	0.294276062			
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2	4	12	19	1.22639942	0.294428919			
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4	8	5	16	1.226424092	0.294457943			
4	16	5	19	1.226545157	0.29460035			
1	32	8	25	1.226573523	0.294633714			
8	128	1	25	1.226590906	0.29465416			
16	4	13	21	1.226608497	0.29467485			
8	1	11	14	1.226641058	0.294713147			
1	32	7	24	1.226672266	0.294749851			
32	8	8	21	1.226689196	0.294769762			
64	4	4	21	1.22672201	0.294808353			
1	32	6	23	1.226793175	0.294892046			
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32	32	7	25	1.226848073	0.294956604			
128	4	11	25	1.226861144	0.294971974			
1	32	5	22	1.226941213	0.295066126			
4	4	15	22	1.226956475	0.295084072			
32	4	7	19	1.226985222	0.295117873			
32	64	1	23	1.227006004	0.295142309			
2	32	8	25	1.227007249	0.295143772			
64	4	12	23	1.227039306	0.295181464			
1	32	4	21	1.227122457	0.295279225			
8	1	9	13	1.227147494	0.295308661			
8	1	2	11	1.227181459	0.295348591			
2	32	7	24	1.227202733	0.295373601			
128	32	1	25	1.227261095	0.295442209			
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1	32	2	19	1.227616038	0.295859399			
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16	16	11	25	1.227714358	0.29597494			
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2	32	5	22	1.227734071	0.295998105			
64	32	2	23	1.227826982	0.296107279			
128	8	1	24	1.22783033	0.296111213			
4	32	8	25	1.227860329	0.296146461			
128	8	8	25	1.227862009	0.296148435			
2	4	11	18	1.227915899	0.296211753			
1	32	1	18	1.227948736	0.296250333			
16	64	2	23	1.227951174	0.296253197			
16	4	7	17	1.228018031	0.296331744			
32	2	18	23	1.228046435	0.296365113			
2	32	4	21	1.228091405	0.296417943			
32	2	13	20	1.228104838	0.296433723			
4	2	5	11	1.22814313	0.296478705			
32	2	7	18	1.228179143	0.296521009			
4	32	7	24	1.22824358	0.296596698			
4	2	13	17	1.228288774	0.296649782			
16	8	7	19	1.228294602	0.296656627			
128	4	5	24	1.228333711	0.296702562			
32	1	14	19	1.228378492	0.296755157			
64	4	5	21	1.228401892	0.296782639			
8	8	1	14	1.228468529	0.296860899			
2	32	3	20	1.228528262	0.296931047			
64	4	16	25	1.22855581	0.296963396			
16	1	3	14	1.228600212	0.297015538			
2	8	1	12	1.228603687	0.297019618			
32	1	24	25	1.228621331	0.297040337			

4	32	6	23	1.228711078	0.297145717			
32	1	1	17	1.228855748	0.297315571			
64	2	13	22	1.22887668	0.297340146			
32	16	3	20	1.228886654	0.297351856			
32	8	4	19	1.228945633	0.297421094			
16	4	2	15	1.228993754	0.297477584			
16	128	1	25	1.229003707	0.297489268			
2	32	2	19	1.229062406	0.297558171			
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64	8	11	24	1.229139559	0.297648731			
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64	16	3	22	1.229215699	0.297738097			
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4	32	5	22	1.229281178	0.297814947			
64	32	6	25	1.229324111	0.297865332			
32	16	8	23	1.229338036	0.297881674			
16	4	5	16	1.229403378	0.297958355			
32	1	2	17	1.22946836	0.298034608			
8	32	8	25	1.22951215	0.298085992			
64	64	1	24	1.229608986	0.298199613			
128	4	12	25	1.229713022	0.298321674			
2	32	1	18	1.229715712	0.298324829			
4	1	1	8	1.22973041	0.298342072			
2	4	10	17	1.229735896	0.298348508			
32	16	5	21	1.229802062	0.298426131			
16	64	1	22	1.229803243	0.298427517			
1	2	1	6	1.229810149	0.298435618			
128	32	2	25	1.229872861	0.298509183			
4	32	4	21	1.229976277	0.29863049			
4	8	4	15	1.229985746	0.298641596			
4	16	3	17	1.230038267	0.298703199			
8	4	9	17	1.230059838	0.298728499			
32	8	14	25	1.230139843	0.298822331			
32	1	3	17	1.2302206	0.29891704			
8	32	7	24	1.230249907	0.298951408			
8	2	11	16	1.230282165	0.298989236			

4	2	1	9	1.230357071	0.299077072			
32	1	11	18	1.23043207	0.299165011			
4	4	13	20	1.230439684	0.299173939			
128	4	7	24	1.230459119	0.299196727			
32	64	4	25	1.230519149	0.299267109			
32	8	1	18	1.230526168	0.299275338			
8	16	1	16	1.230682682	0.299458827			
32	2	11	19	1.230686263	0.299463025			
32	16	1	19	1.230779877	0.299572761			
4	32	3	20	1.230823782	0.299624225			
128	8	9	25	1.230829283	0.299630673			
8	32	6	23	1.231145746	0.300001561			
32	1	4	17	1.231145799	0.300001624			
8	4	16	23	1.231147286	0.300003366			
1	4	6	13	1.231147546	0.300003671			
64	16	6	23	1.231290666	0.300171374			
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64	2	16	23	1.231334487	0.300222717			
16	8	4	17	1.23134328	0.300233019			
8	1	3	11	1.231346877	0.300237234			
128	16	1	24	1.231377187	0.300272746			
8	2	6	13	1.231433984	0.300339288			
16	1	14	17	1.231455215	0.300364162			
32	2	1	17	1.231494641	0.300410349			
16	16	9	23	1.231509953	0.300428288			
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2	1	4	7	1.231752547	0.300712455			
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4	32	2	19	1.231857372	0.300835226			
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1	1	7	8	1.232054631	0.301066229		meru 18	
64	8	13	25	1.232129961	0.301154435			

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2	2	9	13	1.232213913	0.301252731			
8	32	5	22	1.23223302	0.301275101			
16	16	4	19	1.232267589	0.301315573			
32	1	5	17	1.232286326	0.30133751			
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32	32	2	21	1.232480266	0.301564547			
16	8	10	21	1.232585726	0.301687989			
16	32	8	25	1.232620445	0.301728626			
1	8	11	21	1.232677061	0.301794889			
2	64	1	21	1.232686471	0.301805902			
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32	2	2	17	1.232696153	0.301817234			
32	32	5	23	1.232770256	0.301903958			
32	4	8	19	1.232817204	0.3019589			
8	1	7	12	1.232849819	0.301997067			
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32	4	5	18	1.233024944	0.302201986			
4	32	1	18	1.233118667	0.302311641			
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64	32	3	23	1.233160317	0.302360369			
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4	64	3	23	1.233164238	0.302364956			
128	4	13	25	1.233292478	0.302514978			
16	1	5	14	1.233391044	0.302630276			
1	8	9	19	1.233453528	0.302703361			
8	4	15	22	1.233455509	0.302705678			
64	2	1	20	1.233474818	0.302728262			
32	128	1	25	1.233502195	0.302760282			
8	32	4	21	1.233552297	0.302818881			
8	1	13	15	1.233652045	0.302935536			
32	1	6	17	1.233696751	0.302987816			
1	4	5	12	1.233704982	0.302997442			

32	16	7	22	1.233744252	0.303043363			
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32	4	15	23	1.233789048	0.303095745			
32	8	13	24	1.233790648	0.303097616			
32	8	7	20	1.233799637	0.303108126			
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16	32	7	24	1.233995333	0.303336939			
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2	2	4	9	1.234079123	0.303434896			
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2	8	11	21	1.234153312	0.303521624			
32	2	3	17	1.234173287	0.303544974			
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4	4	5	13	1.234521575	0.30395205			
2	4	8	15	1.234544428	0.303978756			
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32	1	7	17	1.235448541	0.305034921			

32	2	17	22	1.235493676	0.305087626			
32	64	2	23	1.23557079	0.30517767			
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16	32	6	23	1.235652	0.30527249			
2	8	9	19	1.235652723	0.305273335			
128	16	7	25	1.235661299	0.305283348			
16	2	11	17	1.235687017	0.305313374			
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32	1	15	19	1.235969505	0.305643148			
32	2	4	17	1.235994786	0.305672657			
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32	16	2	19	1.236511777	0.306275981			
32	4	1	17	1.236545136	0.306314901			
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8	4	5	14	1.236678963	0.306471031			
128	32	4	25	1.236769214	0.306576313			
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64	8	5	21	1.237087847	0.306947951			
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128	4	2	23	1.237372139	0.307279455			
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8	128	1	24	1.237508449	0.307438375			

32	1	23	24	1.237595618	0.307539994			
64	32	7	25	1.237599529	0.307544553			
32	1	8	17	1.237637308	0.307588592			
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128	4	14	25	1.237843034	0.307828384			
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32	32	1	20	1.238087538	0.308113323			
1	16	12	25	1.238183561	0.30822521			
32	32	8	25	1.238193042	0.308236257			
16	4	11	19	1.238212313	0.30825871			
32	2	12	19	1.238241742	0.308292999			
32	2	5	17	1.238250472	0.308303171			
1	16	11	24	1.238291637	0.308351131			
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8	8	13	23	1.238566817	0.3086717			
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64	32	4	23	1.239500873	0.309759288			
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16	32	4	21	1.240048402	0.310396433			
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1	16	4	17	1.240211361	0.310586011			

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32	1	13	18	1.240658409	0.311105953			
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32	4	11	20	1.240931588	0.311423583			
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32	2	6	17	1.241060271	0.311573181			
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32	128	2	25	1.242939517	0.313756095			
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1	32	3	19	1.243110903	0.313955011			
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32	16	3	19	1.243409798	0.314301853			
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2	32	3	19	1.244338085	0.315378517			
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16	16	12	25	1.24440972	0.315461568			
16	16	5	19	1.244437597	0.315493887			
64	8	3	20	1.244504425	0.31557136			
32	4	18	25	1.24451861	0.315587804			
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32	2	7	17	1.244588694	0.315669046			
32	128	1	24	1.244726159	0.315828383			
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64	2	19	24	1.245151176	0.316320913			
32	4	4	17	1.245235763	0.316418916			
2	64	6	25	1.245239508	0.316423256			
1	4	2	9	1.245320823	0.316517461			
32	16	1	18	1.245372117	0.316576884			
2	64	5	24	1.245372615	0.316577461			
4	16	5	18	1.245380997	0.31658717			
32	64	3	23	1.245396628	0.316605278			
4	4	1	10	1.245480487	0.316702419			
2	64	4	23	1.245538012	0.316769051			
8	16	8	21	1.245629961	0.316875552			
2	32	1	17	1.2456634	0.31691428			
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4	64	6	25	1.24577933	0.31704854			
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64	32	3	22	1.245809272	0.317083215			
64	16	8	23	1.245820171	0.317095837			
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32	8	1	17	1.245847945	0.317127999			
16	16	11	24	1.245877412	0.317162122			
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8	32	7	23	1.245920129	0.317211586			
2	64	2	21	1.24599881	0.31730269			
4	1	9	11	1.246010352	0.317316055			
8	2	5	12	1.24603277	0.317342011			
4	64	5	24	1.246042423	0.317353187			
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2	8	3	13	1.24619267	0.317527136			
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2	64	1	20	1.246315986	0.31766989			
4	64	4	23	1.246368806	0.317731032			
16	32	2	19	1.246425613	0.317796785			
32	1	3	16	1.246426368	0.317797659			
32	4	13	21	1.246434008	0.317806502			

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128	4	13	24	1.246557802	0.317949781			
16	1	2	13	1.24658294	0.317978874			
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4	32	3	19	1.246719194	0.318136555			
8	8	4	15	1.246733902	0.318153575			
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2	16	1	14	1.246856069	0.318294938			
32	32	5	22	1.246969676	0.318426381			
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8	8	9	19	1.247063188	0.318534568			
64	4	7	20	1.247072826	0.318545718			
64	32	5	23	1.24707461	0.318547781			
4	16	4	17	1.247125536	0.318606695			
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4	64	2	21	1.247275638	0.318780325			
8	64	5	24	1.24735269	0.318869446			
32	1	22	23	1.247360066	0.318877977			
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64	32	1	21	1.247478752	0.319015242			
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64	2	3	19	1.248566806	0.320273016			
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32	4	17	24	1.248690959	0.320416466			
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8	16	6	19	1.249533564	0.321389655			
128	32	1	23	1.249542209	0.321399636			

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32	4	10	19	1.249819943	0.321720266			
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32	16	12	25	1.250043406	0.321978192			
16	1	15	17	1.250048626	0.321984216			
128	4	3	22	1.250121248	0.322068028			
32	8	2	17	1.250155807	0.322107909			
16	8	2	15	1.250243498	0.322209103			
256	8	1	25	1.25024577	0.322211724			
16	128	3	25	1.250276599	0.322247299			
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16	32	1	18	1.250634195	0.32265987			
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32	32	9	25	1.251567703	0.323736335			
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32	16	4	19	1.251774661	0.323974879			
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32	32	1	19	1.252505914	0.324817415			
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64	64	1	22	1.253540662	0.326008795			
32	128	3	25	1.253548038	0.326017284			
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8	256	1	25	1.261206608	0.334804634			
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128	16	11	25	1.261750876	0.335427088			
128	4	13	23	1.261779906	0.335460281			
32	32	2	19	1.261798098	0.335481081			
64	8	7	20	1.261850977	0.33554154			
1	2	20	23	1.261920289	0.335620783			
2	4	17	23	1.261924901	0.335626056			
32	16	1	17	1.261929146	0.335630909			
4	16	11	23	1.261934209	0.335636697			
256	8	1	24	1.26195317	0.335658374			
1	16	5	17	1.261953264	0.335658481			
4	32	7	22	1.261957752	0.335663612			
128	8	14	25	1.2619586	0.335664582			
2	32	4	19	1.261967471	0.335674723			
1	32	1	16	1.26197733	0.335685994			
32	16	5	19	1.262015681	0.335729837			
32	8	4	17	1.262080365	0.335803779			
256	64	1	25	1.262099402	0.33582554			
64	2	13	20	1.262154241	0.335888225			
256	32	4	25	1.262164798	0.335900291			
128	4	17	25	1.262220821	0.335964327			

8	128	2	23	1.262231739	0.335976806			
256	16	7	25	1.262234556	0.335980026			
128	4	1	21	1.262244266	0.335991124			
32	4	7	17	1.262256944	0.336005614			
32	8	8	19	1.262291183	0.336044747			
16	8	1	14	1.262372112	0.336137239			
128	32	1	22	1.262400019	0.336169133			
2	2	22	25	1.262409665	0.336180156			
4	4	19	25	1.26241673	0.33618823			
1	2	19	22	1.262423877	0.336196397			
8	16	13	25	1.26243102	0.33620456			
1	4	13	19	1.262445642	0.33622127			
16	256	1	25	1.262460249	0.336237963			
2	16	7	19	1.26246043	0.33623817			
32	2	10	17	1.262466076	0.336244622			
16	8	5	16	1.262502494	0.336286237			
4	8	14	23	1.262574503	0.336368523			
128	8	7	22	1.262576719	0.336371054			
2	8	11	20	1.262590787	0.336387129			
64	64	5	24	1.26259265	0.336389258			
8	64	5	23	1.262598921	0.336396424			
1	8	8	17	1.26260737	0.336406077			
64	2	1	18	1.262632705	0.336435025			
32	4	11	19	1.262651794	0.336456836			
32	64	2	21	1.262690768	0.336501368			
32	1	13	17	1.262718067	0.336532558			
8	8	2	13	1.26275594	0.336575828			
64	16	1	19	1.262796894	0.336622617			
16	128	4	25	1.262803263	0.336629893			
8	128	1	22	1.262822596	0.33665198			
64	2	17	22	1.262825157	0.336654906			
128	4	2	21	1.26284232	0.336674513			
64	8	4	19	1.262912114	0.336754245			
64	4	7	19	1.263037735	0.336897742			
32	32	5	21	1.263059554	0.336922664			
8	4	1	11	1.263065824	0.336929826			

8	32	8	23	1.263105081	0.336974666			
32	2	14	19	1.263145402	0.337020718			
2	32	2	17	1.263152568	0.337028903			
64	2	10	19	1.263175342	0.337054914			
32	1	1	15	1.263177114	0.337056938			
8	8	16	25	1.263216455	0.337101869			
4	8	13	22	1.26324127	0.33713021			
16	64	7	25	1.263253661	0.337144361			
2	8	10	19	1.26326646	0.337159191			
8	4	5	13	1.263284332	0.337179389			
1	8	7	16	1.263292606	0.337188837			
4	64	1	19	1.263305571	0.337203643			
32	8	1	16	1.263345068	0.337248749			
64	16	11	24	1.263379216	0.337287744			
8	2	4	11	1.263453937	0.337373067			
32	16	8	21	1.26354313	0.337474911			
16	2	11	16	1.263545541	0.337477663			
32	2	7	16	1.263692618	0.337645584			
16	16	5	18	1.263724312	0.337681766			
2	2	20	23	1.263796683	0.337764384			
4	4	17	23	1.263813526	0.337783611			
1	2	17	20	1.263830665	0.337803176			
8	16	11	23	1.263847785	0.337822719			
32	1	17	19	1.263865779	0.337843259			
1	4	11	17	1.263883284	0.33786324			
8	32	7	22	1.263907101	0.337890427			
256	16	1	24	1.263918702	0.33790367			
2	16	5	17	1.263919401	0.337904467			
8	16	2	15	1.263925803	0.337911774			
4	32	4	19	1.263943762	0.337932274			
8	1	7	11	1.263955367	0.33794552			
2	32	1	16	1.263981441	0.337975281			
32	1	2	15	1.264020188	0.338019506			
8	2	8	13	1.264060013	0.338064959			
16	4	1	13	1.264151444	0.338169307			
32	8	11	21	1.264206099	0.33823168			

4	2	1	8	1.264307249	0.338347107			
16	2	4	13	1.26440617	0.338459981			
16	128	2	23	1.264445479	0.338504831			
128	8	1	21	1.264492833	0.338558859			
128	4	4	21	1.264541686	0.338614597			
4	2	22	25	1.264695425	0.338789984			
16	1	7	13	1.264696449	0.338791152			
8	4	19	25	1.264720467	0.338818551			
2	2	19	22	1.264746043	0.338847726			
16	16	13	25	1.264771571	0.338876845			
1	2	16	19	1.264798264	0.338907293			
2	4	13	19	1.264824925	0.338937703			
64	4	17	24	1.264842862	0.338958163			
32	256	1	25	1.264878081	0.338998333			
4	16	7	19	1.264879393	0.338999829			
256	8	5	24	1.264993168	0.339129593			
1	16	1	13	1.264994604	0.33913123			
8	8	14	23	1.265044317	0.339187926			
4	8	11	20	1.26510343	0.339255339			
16	64	5	23	1.265132896	0.339288941			
2	8	8	17	1.265164593	0.339325086			
1	8	5	14	1.265227934	0.339397314			
256	64	2	25	1.265253083	0.33942599			
64	4	1	18	1.265259529	0.33943334			
8	1	11	13	1.265317562	0.33949951			
8	2	1	10	1.265454654	0.339655811			
32	128	4	25	1.26551355	0.339722955			
16	4	11	18	1.2655553	0.339770549			
16	128	1	22	1.265584792	0.339804169			
128	8	2	21	1.265658777	0.339888506			
256	16	8	25	1.265661037	0.339891081			
2	2	2	7	1.265710731	0.339947725			
128	4	5	21	1.265735698	0.339976183			
64	128	1	23	1.265767874	0.340012857			
256	8	11	25	1.265893434	0.340155961			
8	4	8	15	1.265998633	0.340275847			

16	32	8	23	1.266068188	0.340355107			
16	8	16	25	1.266207042	0.340513324			
4	32	2	17	1.266242433	0.340553648			
128	16	5	22	1.266257205	0.340570477			
8	8	13	22	1.266294128	0.340612545			
32	2	1	15	1.266335196	0.340659333			
32	64	7	25	1.266337456	0.340661908			
4	8	10	19	1.266384828	0.340715877			
64	64	4	23	1.266395621	0.340728172			
32	1	4	15	1.266432114	0.340769745			
2	8	7	16	1.266479416	0.340823629			
128	128	1	24	1.266505105	0.340852892			
4	4	5	12	1.266521628	0.340871714			
8	64	1	19	1.266526518	0.340877284			
1	8	4	13	1.266578193	0.340936146			
32	64	1	20	1.266679939	0.341052035			
64	2	5	18	1.266733	0.341112467			
32	2	17	21	1.266733079	0.341112557			
128	64	2	23	1.266902085	0.341305027			
64	16	2	19	1.266994033	0.34140973			
2	4	2	9	1.267149168	0.341586368			
2	1	1	5	1.267168305	0.341608155			
64	32	7	23	1.267179358	0.34162074			
4	2	20	23	1.267241585	0.341691584			
8	4	17	23	1.267298707	0.341756613			
64	8	5	19	1.267343391	0.341807481			
128	32	5	23	1.267354796	0.341820464			
2	2	17	20	1.267357658	0.341823722			
16	16	11	23	1.267416378	0.341890564			
64	64	1	21	1.267474292	0.341956485			
1	2	14	17	1.267479234	0.34196211			
2	4	11	17	1.267541942	0.342033486			
16	32	7	22	1.267574347	0.342070368			
128	32	7	24	1.267618203	0.342120282			
256	32	1	24	1.267666506	0.342175255			
4	16	5	17	1.267671425	0.342180854			

8	32	4	19	1.267705694	0.342219854			
64	4	8	19	1.267735069	0.342253283			
4	32	1	16	1.267843872	0.342377097			
128	16	8	23	1.267876945	0.34241473			
4	1	1	7	1.267918361	0.342461855			
16	32	1	17	1.267929162	0.342474145			
256	8	7	24	1.267948068	0.342495658			
16	1	1	12	1.267953732	0.342502102			
32	2	2	15	1.267989533	0.342542837			
64	32	4	21	1.26815488	0.342730952			
8	2	11	15	1.268157881	0.342734367			
64	2	11	19	1.268178327	0.342757627			
64	16	10	23	1.268188041	0.342768677			
2	1	5	7	1.268470054	0.343089461			
128	8	11	23	1.268487509	0.343109313			
32	128	2	23	1.268613997	0.343253165			
32	16	7	20	1.268643224	0.343286402			
32	32	1	18	1.268778078	0.34343975			
128	16	1	21	1.268784166	0.343446672			
8	2	22	25	1.268786163	0.343448943			
16	4	19	25	1.268867108	0.343540979			
32	4	5	16	1.26887959	0.343555172			
4	2	19	22	1.268951102	0.343636478			
128	8	4	21	1.268964484	0.343651691			
32	16	13	25	1.269034588	0.343731391			
256	64	3	25	1.269113471	0.343821066			
2	2	16	19	1.269125164	0.343834358			
16	16	4	17	1.269157643	0.343871278			
128	4	14	23	1.269213725	0.343935028			
4	4	13	19	1.269215391	0.343936921			
128	8	13	24	1.269229017	0.343952409			
1	2	13	16	1.269309267	0.344043624			
64	256	1	25	1.26939392	0.344139838			
8	16	7	19	1.269402667	0.344149778			
32	16	2	17	1.269512209	0.34427427			
128	128	3	25	1.269514904	0.344277332			

256	32	6	25	1.26952453	0.344288271			
16	8	14	23	1.269533333	0.344298276			
64	8	13	23	1.269540467	0.344306382			
1	4	7	13	1.269606015	0.344380868			
32	1	20	21	1.269729185	0.344520823			
8	8	11	20	1.269731899	0.344523907			
8	16	1	14	1.269744894	0.344538672			
256	16	5	24	1.269807247	0.344609517			
2	16	1	13	1.269817589	0.344621266			
32	64	5	23	1.269830154	0.344635543			
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256	16	9	25	1.269982533	0.344808654			
64	8	10	21	1.270004986	0.344834161			
32	1	11	16	1.270137987	0.344985239			
2	8	5	14	1.27016743	0.345018681			
64	4	11	20	1.270218282	0.345076439			
64	8	1	18	1.27027878	0.345145151			
2	2	5	9	1.270369656	0.345248358			
32	8	5	17	1.270392509	0.345274311			
1	8	2	11	1.270407452	0.34529128			
16	4	2	13	1.270423451	0.345309449			
128	32	3	22	1.270433121	0.34532043			
128	64	6	25	1.270445585	0.345334584			
256	8	12	25	1.270497308	0.345393319			
64	128	4	25	1.270497452	0.345393482			
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32	128	1	22	1.270742423	0.345671628			
64	2	7	18	1.270792706	0.345728715			
16	8	7	17	1.270849335	0.345793002			
32	8	7	18	1.270929383	0.345883872			
64	64	3	22	1.270961445	0.345920266			
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16	1	17	18	1.271091262	0.346067617			
16	2	5	13	1.271219235	0.346212859			
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64	4	13	21	1.271320164	0.346327399			

32	32	8	23	1.271450935	0.34647579			
64	4	16	23	1.271463342	0.346489868			
32	4	8	17	1.271472231	0.346499954			
32	8	16	25	1.271486853	0.346516545			
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128	32	9	25	1.271590829	0.346634516			
128	8	9	22	1.271591781	0.346635597			
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64	64	7	25	1.271900628	0.346985959			
8	32	2	17	1.272046471	0.347151377			
16	8	4	15	1.272051812	0.347157434			
8	8	10	19	1.272061321	0.347168218			
16	1	8	13	1.272170112	0.347291598			
64	16	3	19	1.272195412	0.347320289			
32	4	13	20	1.27232847	0.347471171			
32	4	1	15	1.272379744	0.34752931			
4	8	7	16	1.272380967	0.347530697			
16	64	1	19	1.272538593	0.34770941			
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2	8	4	13	1.272726243	0.347922137			
32	2	4	15	1.272741389	0.347939305			
32	2	11	17	1.272836839	0.348047497			
8	1	14	15	1.27289473	0.348113111			
32	32	3	19	1.27292195	0.348143962			
64	8	6	19	1.272945981	0.348171198			
128	16	12	25	1.273040832	0.348278693			
16	4	5	14	1.273084621	0.348328318			
64	2	16	21	1.273086102	0.348329996			
1	8	1	10	1.273100981	0.348346857			
32	1	7	15	1.27313596	0.348386495			
256	128	1	25	1.273172217	0.34842758			
8	2	20	23	1.273190385	0.348448167			
64	4	5	18	1.273286307	0.348556855			
16	4	10	17	1.273344711	0.348623028			
16	4	17	23	1.273363215	0.348643993			
8	8	1	12	1.273448109	0.348740173			

128	64	3	23	1.273541469	0.348845937			
4	2	17	20	1.273545481	0.348850483			
8	256	2	25	1.273697664	0.349022867			
32	16	11	23	1.273725571	0.349054477			
64	16	9	22	1.273815808	0.349156681			
64	4	9	19	1.273817722	0.349158848			
256	64	4	25	1.273842676	0.349187111			
2	2	14	17	1.273928855	0.34928471			
16	4	7	15	1.273954246	0.349313464			
8	256	1	24	1.273983105	0.349346145			
4	4	11	17	1.274130661	0.349513233			
32	32	7	22	1.27414671	0.349531404			
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64	2	19	23	1.274463064	0.349889562			
256	64	1	24	1.274525336	0.349960053			
8	16	5	17	1.274556463	0.349995286			
16	32	4	19	1.274578272	0.350019972			
128	32	6	23	1.274599093	0.35004354			
256	32	7	25	1.274602587	0.350047495			
32	1	14	17	1.274635359	0.350084587			
32	2	13	18	1.274651126	0.350102433			
32	8	3	16	1.274668136	0.350121685			
32	16	6	19	1.274702461	0.350160535			
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256	8	1	23	1.274804881	0.350276448			
64	2	12	19	1.274848059	0.350325312			
128	64	1	22	1.275022716	0.350522951			
1	4	5	11	1.275038405	0.350540703			
8	32	1	16	1.275049731	0.350553518			
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16	256	1	24	1.275291657	0.350827227			
256	8	2	23	1.275387952	0.350936158			
4	1	11	12	1.275397279	0.350946708			
256	16	7	24	1.275509793	0.351073976			
4	128	3	23	1.275513507	0.351078176			
128	64	5	24	1.275543371	0.351111955			

16	2	1	12	1.275549956	0.351119402			
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16	2	22	25	1.275596694	0.351172264			
16	16	3	16	1.275729802	0.351322801			
64	32	3	20	1.275767167	0.351365056			
32	4	19	25	1.275825777	0.351431333			
128	16	9	23	1.275865416	0.351476155			
4	4	4	11	1.276039669	0.35167318			
8	2	19	22	1.27606904	0.351706387			
64	128	2	23	1.276089228	0.35172921			
4	128	1	21	1.276103369	0.351745197			
256	8	3	23	1.276127856	0.351772881			
64	16	13	25	1.276308111	0.351976649			
64	64	2	21	1.276441703	0.352127649			
8	128	3	23	1.27644895	0.352135841			
256	8	13	25	1.276488951	0.352181051			
4	2	16	19	1.276583334	0.352287718			
128	32	1	21	1.276649919	0.352362965			
32	256	2	25	1.276736386	0.352460676			
32	1	8	15	1.276782942	0.352513282			
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256	16	1	23	1.276897102	0.352642271			
128	16	7	22	1.27691825	0.352666165			
128	4	1	20	1.277056891	0.352822797			
256	8	4	23	1.277067231	0.352834477			
32	8	9	19	1.277098701	0.352870029			
32	2	9	16	1.277103172	0.35287508			
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32	8	14	23	1.277170865	0.352951547			
128	16	4	21	1.277270359	0.353063931			
16	1	11	14	1.277283364	0.353078621			
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64	32	1	19	1.277473985	0.353293912			

2	64	8	25	1.277491964	0.353314216			
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128	4	18	25	1.277605794	0.35344276			
8	128	1	21	1.277607955	0.353445201			
8	2	5	11	1.277649213	0.353491789			
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32	256	1	24	1.277816121	0.353680246			
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2	4	1	8	1.277896913	0.353771459			
4	64	7	24	1.278000519	0.353888422			
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2	64	4	21	1.278036851	0.353929436			
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8	8	8	17	1.278417712	0.354359301			
8	64	8	25	1.278466765	0.354414657			
256	128	2	25	1.278517562	0.354471978			
4	64	5	22	1.278524448	0.354479748			
2	64	2	19	1.278585033	0.354548111			
128	4	3	20	1.278599485	0.354564418			
64	16	4	19	1.278677457	0.354652394			
256	32	5	24	1.278741005	0.354724091			
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4	16	1	13	1.278808835	0.354800617			
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32	16	3	17	1.278863269	0.354862025			

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64	2	1	17	1.280111879	0.356269905			
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16	1	9	13	1.282457765	0.358911314			
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2	32	5	19	1.282521002	0.358982451			
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32	8	1	15	1.283514741	0.360099865			
2	32	3	17	1.283554356	0.360144393			
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128	4	7	20	1.285206315	0.361999975			
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128	16	10	23	1.286103749	0.363007028			
4	32	3	17	1.286121195	0.363026598			
256	128	1	24	1.286262703	0.363185326			
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128	64	1	21	1.290142984	0.367530966			
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16	16	13	24	1.290830986	0.368300115			
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32	1	13	16	1.291283669	0.368805966			
128	64	5	23	1.291299074	0.368823178			
64	32	11	25	1.291309178	0.368834467			
4	128	6	25	1.291395513	0.368930919			
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4	16	7	18	1.291455147	0.368997539			
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256	16	12	25	1.291695275	0.369265763			
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32	256	1	23	1.292077042	0.369692095			
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64	4	11	19	1.292716533	0.370405955			
16	128	6	25	1.292736218	0.370427924			
256	128	4	25	1.29274295	0.370435437			
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16	32	5	19	1.292805625	0.37050538			
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32	64	3	20	1.292892992	0.370602874			
32	16	14	25	1.292923735	0.370637178			
256	8	5	22	1.292936786	0.370651741			
128	8	16	25	1.292954808	0.37067185			
64	256	3	25	1.293080103	0.37081165			
16	4	8	15	1.293129645	0.370866922			
512	64	2	25	1.293208492	0.370954886			
16	128	5	24	1.293249356	0.371000473			
2	16	3	14	1.293253366	0.371004947			
8	128	2	21	1.293433645	0.371206044			
256	32	5	23	1.293467588	0.371243903			
16	16	1	14	1.29347532	0.371252527			
32	1	15	17	1.293581526	0.371370981			

128	4	1	19	1.293634658	0.371430235			
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64	32	3	19	1.293691334	0.371493442			
64	2	8	17	1.293747876	0.371556495			
256	8	13	24	1.293760765	0.371570867			
64	2	17	21	1.293825249	0.371642773			
8	16	8	19	1.293902296	0.371728682			
16	128	4	23	1.293907034	0.371733965			
32	2	8	15	1.293928509	0.371757909			
128	4	16	23	1.293939762	0.371770455			
256	16	3	22	1.294115985	0.371966925			
8	4	1	10	1.294136723	0.371990044			
8	128	1	20	1.294147724	0.372002308			
128	16	9	22	1.294170383	0.372027567			
16	1	7	12	1.294203422	0.372064397			
128	64	8	25	1.294278627	0.372148228			
256	64	5	24	1.294299072	0.372171018			
128	4	2	19	1.294411369	0.372296184			
8	8	5	14	1.294415881	0.372301214			
32	128	6	25	1.294461751	0.372352337			
4	16	5	16	1.294469359	0.372360815			
32	16	13	24	1.294572974	0.372476291			
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32	4	1	14	1.294684363	0.37260042			
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16	128	3	22	1.29474924	0.372672711			
64	8	13	22	1.294771243	0.372697229			
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32	8	7	17	1.294804522	0.37273431			
128	32	8	23	1.294805285	0.37273516			
256	16	8	23	1.295071617	0.37303188			
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64	8	3	17	1.295346271	0.37333781			
64	32	1	18	1.295364094	0.37335766			
128	8	7	20	1.295369986	0.373364222			

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32	128	5	24	1.295450219	0.373453577			
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64	128	1	21	1.295530835	0.373543354			
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16	128	2	21	1.295826896	0.373873008			
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32	2	20	23	1.296294837	0.374393891			
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32	16	12	23	1.296628903	0.374765638			
128	4	4	19	1.296704471	0.374849716			
32	128	4	23	1.296709013	0.374854769			
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32	64	2	19	1.296866026	0.375029448			
64	4	6	17	1.296869132	0.375032904			
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32	1	18	19	1.296929766	0.375100354			
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64	256	1	23	1.297014935	0.375195092			
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64	4	13	20	1.297060256	0.375245503			
32	1	11	15	1.297069544	0.375255833			
128	64	2	21	1.297081615	0.37526926			
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64	32	9	23	1.297091072	0.375279779			
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2	64	7	23	1.297248276	0.375454619			
64	2	14	19	1.297266573	0.375474967			
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4	64	9	25	1.29732483	0.375539754			
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1	4	1	7	1.297470463	0.375701696			
1	8	13	21	1.297524101	0.375761337			
2	64	5	21	1.297525537	0.375762933			
2	8	15	23	1.29765129	0.375902749			
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64	128	6	25	1.297721439	0.375980737			
128	8	2	19	1.297757083	0.376020362			
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2	64	3	19	1.297990117	0.376279398			
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16	512	1	25	1.298125575	0.37642995			
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32	128	3	22	1.298309644	0.376634504			
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128	4	5	19	1.298375184	0.376707331			

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16	1	2	11	1.298436559	0.376775526			
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8	64	7	23	1.298452567	0.376793313			
64	16	1	17	1.29845712	0.376798372			
256	256	2	25	1.298665426	0.377029799			
64	2	9	17	1.298672695	0.377037874			
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256	32	6	23	1.298928594	0.377322124			
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32	512	1	25	1.299380542	0.377824006			
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128	32	11	25	1.299521183	0.377980151			
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64	128	5	24	1.299565251	0.378029073			
32	32	2	17	1.299594184	0.378061192			
128	8	3	19	1.299705496	0.378184756			
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64	8	4	17	1.300324173	0.378871335			
32	128	2	21	1.300342209	0.378891345			
64	64	1	19	1.300484639	0.379049359			
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32	64	9	25	1.300564901	0.379138395			
512	32	7	25	1.300569652	0.379143665			
2	8	9	17	1.300606627	0.37918468			
4	64	1	17	1.300649263	0.379231973			
256	128	1	23	1.300665792	0.379250307			
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32	16	3	16	1.300822889	0.379424549			
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64	512	1	25	1.301803283	0.380511458			
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128	8	4	19	1.302218249	0.380971261			
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32	4	3	14	1.303440433	0.382324654			
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16	256	4	25	1.303529879	0.382423652			

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256	16	13	25	1.303829812	0.382755568			
32	8	17	25	1.303835664	0.382762043			
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32	16	5	17	1.305226768	0.38430048			
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32	256	1	22	1.307873719	0.387223249			
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256	256	3	25	1.30843329	0.387840371			
64	128	2	21	1.308466024	0.387876464			
512	32	5	24	1.308504278	0.387918641			
32	32	1	16	1.308519567	0.387935498			
256	16	2	21	1.308520786	0.387936842			
512	64	6	25	1.308689151	0.388122459			
4	32	5	18	1.308733148	0.38817096			
4	8	7	15	1.308771276	0.38821299			
32	1	9	14	1.308785555	0.388228731			
8	2	13	16	1.30880501	0.388250176			
16	32	10	23	1.30886264	0.3883137			
128	32	9	23	1.308957711	0.388418488			
128	64	5	22	1.309026088	0.38849385			
128	8	9	20	1.309037499	0.388506425			
2	32	2	15	1.30911383	0.388590548			
64	8	1	16	1.309182209	0.388665902			
64	8	11	20	1.30924931	0.388739844			
8	32	7	20	1.309253896	0.388744897			
256	8	5	21	1.309259955	0.388751574			
4	4	5	11	1.309368871	0.388871586			
32	32	12	25	1.309395185	0.388900579			
256	16	10	23	1.309437929	0.388947674			
16	2	8	13	1.309494308	0.389009789			
512	256	1	25	1.309544704	0.38906531			
32	1	1	13	1.309545734	0.389066444			
16	2	2	11	1.309585783	0.389110565			

64	8	17	25	1.309616418	0.389144314			
4	32	4	17	1.30969668	0.389232729			
128	8	6	19	1.309702559	0.389239205			
4	128	7	25	1.309727667	0.389266862			
16	32	9	22	1.309848243	0.389399673			
256	32	5	22	1.309880237	0.389434912			
4	128	5	23	1.309971631	0.389535569			
4	2	1	7	1.309981237	0.389546148			
128	64	9	25	1.310044844	0.389616198			
8	128	7	25	1.310067999	0.389641697			
64	4	8	17	1.31014252	0.38972376			
2	32	1	14	1.310199834	0.389786871			
128	32	1	19	1.310336192	0.38993701			
256	8	16	25	1.310348084	0.389950104			
8	16	3	14	1.310353517	0.389956085			
8	32	6	19	1.310361529	0.389964906			
64	16	7	19	1.310436107	0.390047014			
32	32	11	24	1.310522651	0.390142289			
8	8	9	17	1.310537464	0.390158596			
8	128	5	23	1.310551681	0.390174247			
32	2	13	17	1.310615694	0.390244713			
256	64	5	23	1.310624075	0.390253938			
64	256	2	23	1.310653812	0.390286671			
16	128	7	25	1.310740577	0.390382174			
32	1	2	13	1.310774427	0.390419431			
16	32	1	15	1.310794498	0.390441522			
8	1	12	13	1.310831971	0.390482766			
128	128	4	23	1.310907223	0.390565585			
4	32	3	16	1.310945669	0.390607896			
8	2	2	9	1.310965741	0.390629985			
32	16	8	19	1.311027012	0.390697411			
16	64	1	17	1.311062975	0.390736985			
4	128	1	19	1.311099197	0.390776843			
16	32	8	21	1.311115258	0.390794516			
64	16	3	17	1.311185764	0.390872096			
128	128	1	21	1.311199963	0.390887718			

512	32	9	25	1.311492601	0.391209668			
128	16	13	24	1.311619366	0.391349108			
64	2	13	18	1.311631359	0.3913623			
256	32	1	21	1.311649911	0.391382706			
1	8	1	9	1.311679613	0.391415374			
16	128	5	23	1.311691482	0.391428429			
16	8	3	13	1.311787374	0.391533894			
8	32	5	18	1.311790582	0.391537422			
1	2	5	8	1.311809917	0.391558687			
128	256	4	25	1.311908962	0.39166761			
32	32	10	23	1.311963762	0.391727872			
128	4	9	19	1.311998785	0.391766384			
32	4	7	15	1.312031892	0.391802789			
64	64	2	19	1.31203757	0.391809032			
32	128	7	25	1.312054671	0.391827836			
8	4	4	11	1.312187442	0.391973819			
512	128	4	25	1.312215537	0.392004708			
256	32	11	25	1.312225589	0.392015759			
512	128	1	24	1.312261515	0.392055257			
128	4	1	18	1.312311489	0.392110198			
64	2	7	16	1.312348654	0.392151055			
32	1	3	13	1.31238405	0.392189965			
16	1	5	11	1.312394266	0.392201196			
16	8	11	19	1.312454581	0.392267497			
128	16	4	19	1.312557764	0.392380915			
4	32	2	15	1.312564762	0.392388607			
16	512	2	25	1.312604111	0.392431857			
16	32	7	20	1.312740616	0.392581883			
256	64	7	24	1.312741756	0.392583135			
8	128	1	19	1.312772297	0.3926167			
256	16	4	21	1.312803458	0.392650944			
32	1	17	18	1.312872387	0.392726692			
4	2	10	13	1.312874539	0.392729056			
64	32	12	25	1.312911448	0.392769614			
16	512	1	24	1.312920764	0.392779851			
64	128	1	20	1.313049133	0.392920901			

64	256	1	22	1.313053576	0.392925783			
32	64	3	19	1.31311347	0.392991589			
256	64	3	22	1.313170291	0.393054016			
32	8	8	17	1.313243214	0.39313413			
32	16	2	15	1.313248165	0.393139569			
32	2	1	13	1.313458782	0.393370928			
256	128	6	25	1.313482571	0.393397057			
16	16	5	16	1.313575307	0.393498912			
32	4	9	16	1.313576983	0.393500753			
32	512	2	25	1.313609165	0.393536098			
8	32	4	17	1.313632629	0.393561868			
32	32	9	22	1.313799927	0.393745591			
512	16	1	23	1.313875264	0.393828317			
32	128	5	23	1.31389451	0.393849449			
2	8	3	11	1.313899929	0.393855399			
128	8	13	22	1.313992056	0.393956554			
64	16	10	21	1.314040645	0.394009901			
256	8	13	23	1.314047863	0.394017825			
16	8	1	12	1.314077734	0.39405062			
32	512	1	24	1.314230748	0.394218601			
128	16	7	20	1.314252314	0.394242275			
64	2	20	23	1.314329564	0.394327072			
256	512	1	25	1.314376841	0.394378965			
256	32	2	21	1.314382296	0.394384954			
32	1	4	13	1.314500614	0.394514816			
32	8	13	21	1.314506592	0.394521377			
64	2	11	17	1.314538871	0.394556803			
64	128	7	25	1.314567895	0.394588657			
512	16	2	23	1.314581408	0.394603486			
4	32	1	14	1.314665003	0.394695225			
32	32	3	17	1.314691835	0.39472467			
64	4	5	16	1.314758386	0.394797699			
256	32	8	23	1.314807691	0.394851801			
16	32	6	19	1.314821431	0.394866877			
64	32	11	24	1.314970214	0.395030121			
512	16	12	25	1.314982374	0.395043462			

128	8	1	18	1.315143417	0.395220135			
8	4	7	13	1.315193784	0.395275386			
64	8	6	17	1.315199151	0.395281273			
128	8	7	19	1.31525552	0.395343105			
64	64	5	21	1.315315832	0.395409259			
256	128	3	23	1.315388406	0.395488859			
512	64	7	25	1.315456689	0.395563749			
512	16	3	23	1.31550361	0.395615207			
64	512	2	25	1.315561412	0.395678597			
128	32	2	19	1.315601985	0.39572309			
64	32	1	17	1.315710645	0.395842242			
512	256	2	25	1.315844874	0.395989419			
32	2	2	13	1.315871656	0.396018782			
128	128	3	22	1.315899283	0.396049071			
256	16	5	21	1.315943417	0.396097458			
16	128	1	19	1.31600202	0.396161703			
8	32	3	16	1.316005837	0.396165888			
512	32	1	23	1.316094132	0.39626268			
128	64	4	21	1.316116926	0.396287667			
32	32	8	21	1.316131853	0.396304029			
128	4	17	23	1.31619076	0.396368599			
512	32	7	24	1.316224884	0.396406003			
4	8	5	13	1.316297852	0.396485979			
16	2	3	11	1.316343467	0.396535973			
256	128	1	22	1.316588542	0.396804547			
8	16	2	13	1.316651204	0.396873209			
64	8	15	23	1.316672488	0.396896531			
512	16	4	23	1.316708254	0.396935719			
64	512	1	24	1.316760516	0.396992981			
32	16	7	18	1.316906206	0.397152596			
4	2	5	9	1.317085237	0.397348714			
128	16	12	23	1.31712057	0.397387417			
32	1	5	13	1.317299744	0.39758366			
64	8	3	16	1.317374484	0.397665512			
512	32	2	23	1.317464956	0.397764587			
16	32	5	18	1.31748055	0.397781664			

64	32	10	23	1.317561045	0.397869806			
8	1	5	9	1.317634773	0.397950534			
128	64	7	23	1.317645807	0.397962615			
256	8	8	21	1.317805985	0.398137984			
128	4	5	18	1.317932152	0.398276101			
128	256	2	23	1.317982395	0.3983311			
64	2	15	19	1.317985518	0.398334518			
2	2	7	10	1.317993027	0.398342738			
64	128	5	23	1.318026441	0.398379313			
16	8	5	14	1.318219478	0.398590593			
512	16	5	23	1.318282983	0.398660093			
32	2	17	20	1.318365469	0.398750361			
32	4	5	14	1.318393446	0.398780975			
64	8	10	19	1.318394081	0.398781671			
64	32	5	19	1.318630424	0.399040273			
128	4	10	19	1.318630733	0.399040612			
128	16	5	19	1.318714755	0.399132536			
256	128	5	24	1.318842632	0.399272428			
8	8	7	15	1.318845465	0.399275528			
512	64	5	24	1.318892262	0.399326718			
128	8	17	25	1.318927831	0.399365625			
32	2	3	13	1.319041865	0.399490355			
8	32	2	15	1.319063937	0.399514496			
32	32	7	20	1.319084041	0.399536484			
128	32	12	25	1.319102424	0.399556589			
128	128	7	25	1.319196279	0.399659234			
512	32	3	23	1.319247845	0.399715626			
128	512	2	25	1.319254865	0.399723304			
1	16	13	23	1.319731601	0.400244553			
2	64	8	23	1.319806039	0.400325924			
1	4	19	24	1.319846144	0.400369763			
1	16	11	21	1.319896756	0.400425084			
2	64	7	22	1.319900986	0.400429708			
1	4	18	23	1.319953601	0.400487216			
2	16	13	23	1.319953975	0.400487625			
256	256	4	25	1.319977651	0.400513503			

256	64	1	21	1.32000572	0.400544181			
256	256	1	23	1.320071483	0.400616055			
256	64	9	25	1.320074625	0.400619489			
1	4	17	22	1.320095004	0.400641761			
4	64	8	23	1.320102163	0.400649584			
256	64	6	23	1.320153414	0.400705594			
64	16	1	16	1.320163775	0.400716916			
2	4	19	24	1.320180786	0.400735506			
1	16	9	19	1.320183345	0.400738303			
256	16	9	22	1.32020581	0.400762852			
256	16	14	25	1.320222248	0.400780815			
64	64	1	18	1.320233185	0.400792767			
256	16	11	23	1.32026341	0.400825795			
1	4	16	21	1.320280967	0.40084498			
2	16	11	21	1.320282089	0.400846206			
64	16	9	20	1.320288951	0.400853704			
4	64	7	22	1.320290815	0.400855742			
512	64	1	23	1.320318557	0.400886055			
64	16	4	17	1.320335629	0.400904709			
512	16	6	23	1.320344525	0.400914429			
16	16	4	15	1.320369533	0.400941754			
2	4	18	23	1.320393371	0.400967801			
4	16	13	23	1.320394839	0.400969404			
8	256	3	23	1.320397794	0.400972633			
2	64	4	19	1.320407954	0.400983734			
16	4	1	11	1.320468887	0.401050309			
64	4	9	17	1.320472131	0.401053853			
16	16	1	13	1.320525018	0.401111635			
128	16	1	18	1.320545612	0.401134134			
64	4	11	18	1.320585804	0.401178043			
16	1	6	11	1.320594551	0.401187599			
2	4	17	22	1.320672382	0.401272623			
1	16	7	17	1.320680031	0.401280978			
8	64	8	23	1.320688518	0.40129025			
64	32	9	22	1.320806735	0.401419382			
16	4	6	13	1.32082754	0.401442107			

4	4	19	24	1.320839633	0.401455315			
1	4	14	19	1.320846259	0.401462553			
2	16	9	19	1.320849605	0.401466208			
16	32	4	17	1.320874184	0.401493054			
32	4	1	13	1.320949347	0.401575146			
32	1	6	13	1.321033689	0.401667258			
2	4	16	21	1.321038149	0.401672129			
4	16	11	21	1.321042504	0.401676886			
8	256	1	21	1.321051314	0.401686507			
8	64	7	22	1.321060974	0.401697056			
2	64	2	17	1.321070038	0.401706955			
4	4	1	8	1.321209839	0.401859619			
4	4	18	23	1.321255852	0.401909861			
8	16	13	23	1.321261505	0.401916034			
1	4	13	18	1.321267232	0.401922288			
16	256	3	23	1.321272958	0.401928539			
4	64	4	19	1.32129473	0.401952312			
4	1	1	6	1.321304832	0.401963342			
16	1	11	13	1.321389678	0.40205598			
128	512	1	24	1.321496364	0.402172456			
16	8	9	17	1.321508422	0.402185619			
2	64	1	16	1.321565391	0.402247811			
512	32	4	23	1.321567381	0.402249984			
1024	32	1	25	1.321645729	0.40233551			
4	4	17	22	1.321799407	0.402503254			
1	4	12	17	1.321818897	0.402524526			
2	16	7	17	1.321828806	0.402535341			
16	1	14	15	1.321835883	0.402543065			
16	64	8	23	1.32183845	0.402545867			
8	1	1	8	1.321867316	0.402577372			
4	1	4	7	1.321907471	0.402621197			
32	128	1	19	1.3220444	0.40277063			
128	128	2	21	1.32204879	0.40277542			
8	4	19	24	1.322117794	0.40285072			
2	4	14	19	1.322142906	0.402878122			
4	16	9	19	1.322155702	0.402892084			

256	8	1	20	1.322181788	0.402920548			
128	256	1	22	1.322242738	0.402987052			
128	32	3	19	1.32230813	0.403058399			
1024	32	2	25	1.32231886	0.403070105			
256	32	4	21	1.322432258	0.403193822			
4	4	16	21	1.322507735	0.40327616			
8	16	11	21	1.322524183	0.403294103			
1	4	11	16	1.322540998	0.403312445			
16	256	1	21	1.322557797	0.40333077			
16	64	7	22	1.32256484	0.403338454			
4	64	2	17	1.322599678	0.403376456			
128	8	8	19	1.322629152	0.403408606			
128	32	11	24	1.322634942	0.403414921			
4	1	9	10	1.322725308	0.403513486			
64	2	19	22	1.322798746	0.403593583			
32	32	6	19	1.322810766	0.403606692			
512	64	2	23	1.32290889	0.403713706			
8	4	18	23	1.322917021	0.403722572			
16	16	13	23	1.322938056	0.403745512			
2	4	13	18	1.32295962	0.403769028			
32	256	3	23	1.322981155	0.403792512			
8	32	1	14	1.323009464	0.403823382			
1	16	3	13	1.323026505	0.403841965			
8	64	4	19	1.323030149	0.403845938			
512	16	7	23	1.323050289	0.403867899			
64	2	1	15	1.323076653	0.403896647			
32	64	1	17	1.323084104	0.403904772			
1024	32	3	25	1.32320229	0.404033637			
32	2	4	13	1.323236221	0.404070631			
16	2	14	17	1.323256485	0.404092724			
32	8	3	14	1.323395061	0.404243801			
512	256	3	25	1.323559326	0.404422862			
4	64	1	16	1.323572937	0.404437699			
1024	64	1	25	1.323709955	0.404587041			
64	2	9	16	1.323820172	0.40470716			
32	8	7	16	1.323856614	0.404746874			

8	4	17	22	1.323951382	0.404850145			
2	4	12	17	1.32402327	0.404928478			
32	64	8	23	1.324053038	0.404960914			
4	16	7	17	1.324060361	0.404968893			
512	64	8	25	1.324088241	0.40499927			
128	4	7	18	1.324111045	0.405024117			
32	16	6	17	1.324115542	0.405029016			
256	8	3	20	1.324136978	0.405052373			
64	2	2	15	1.324209237	0.405131099			
32	8	11	19	1.324248967	0.405174383			
1024	32	4	25	1.324361483	0.405296957			
16	4	19	24	1.324531473	0.405482125			
256	32	7	22	1.324572865	0.405527208			
512	32	5	23	1.324588401	0.40554413			
512	256	1	24	1.324592938	0.405549071			
4	4	14	19	1.324622219	0.405580963			
128	64	3	20	1.324663098	0.405625485			
8	8	2	11	1.3246661	0.405628755			
8	16	9	19	1.324669201	0.405632132			
8	16	1	12	1.324673221	0.40563651			
1	1	1	3	1.324717957	0.405685231	meru3 and 6	metaslendro	
1	1	4	5	1.324717957	0.405685231	P.39 PIRSEC	series 2	
1	2	4	7	1.324717957	0.405685231	like A+2D =H	series 3	
1	4	9	14	1.324717957	0.405685231	see 1.405 etc	series 4	
256	16	1	20	1.324766596	0.405738201			
512	16	13	25	1.324785423	0.405758703			
64	32	8	21	1.324855261	0.405834755			
256	64	2	21	1.324960951	0.405949841			
1024	64	2	25	1.325014636	0.406008296			
2	8	1	9	1.325159924	0.406166479			
16	32	3	16	1.325202792	0.406213148			
8	4	16	21	1.325285142	0.406302797			
256	128	4	23	1.325340844	0.406363432			
16	16	11	21	1.325344197	0.406367081			
128	128	5	23	1.325393053	0.406420262			
16	2	4	11	1.325395678	0.40642312			

2	4	11	16	1.325405742	0.406434075			
64	32	2	17	1.325410705	0.406439477			
32	64	7	22	1.325438002	0.406469189			
32	256	1	21	1.325467077	0.406500836			
8	64	2	17	1.325567096	0.406609697			
1	16	1	11	1.325600999	0.406646595			
32	4	2	13	1.325605661	0.406651669			
512	16	11	24	1.325646186	0.406695772			
256	512	2	25	1.325929525	0.407004097			
128	64	1	19	1.325963112	0.40704064			
32	4	11	17	1.326007794	0.407089256			
16	4	18	23	1.326014454	0.407096501			
32	1	7	13	1.326080033	0.40716785			
128	8	5	18	1.326087949	0.407176462			
32	16	13	23	1.326088053	0.407176575			
64	64	3	19	1.326088425	0.407176979			
4	4	13	18	1.326165102	0.407260397			
64	256	3	23	1.326241786	0.407343816			
512	64	3	23	1.326251857	0.407354771			
1	4	8	13	1.326326432	0.407435892			
16	64	4	19	1.326359066	0.407471388			
256	32	9	23	1.326359858	0.40747225			
2	16	3	13	1.326410968	0.407527841			
64	8	7	17	1.326427999	0.407546366			
64	4	1	15	1.326533161	0.407660741			
512	16	8	23	1.326616235	0.407751086			
1024	64	3	25	1.326718197	0.407861967			
128	16	6	19	1.326747503	0.407893834			
128	4	13	20	1.3268446	0.407999412			
128	32	10	23	1.32698571	0.408152834			
256	16	13	24	1.327005567	0.408174423			
64	8	13	21	1.327029131	0.408200042			
8	2	7	11	1.32721037	0.408397064			
256	128	7	25	1.327217566	0.408404885			
8	64	1	16	1.327448058	0.408655411			
32	32	5	18	1.327504386	0.408716628			

512	512	1	25	1.327537087	0.408752166			
64	4	7	16	1.327547016	0.408762956			
1024	128	1	25	1.327636745	0.408860464			
64	2	4	15	1.327685299	0.408913225			
128	4	11	19	1.327774025	0.409009634			
64	16	8	19	1.327825115	0.409065145			
256	8	14	23	1.327842133	0.409083635			
1024	32	6	25	1.327880511	0.409125332			
16	4	17	22	1.327905114	0.409152062			
64	2	12	17	1.327907726	0.4091549			
32	2	16	19	1.327992005	0.409246461			
512	128	1	23	1.328029363	0.409287045			
4	4	12	17	1.328153082	0.40942144			
64	64	8	23	1.328180964	0.409451726			
8	16	7	17	1.328284196	0.409563854			
256	32	5	21	1.328295555	0.409576192			
32	16	1	14	1.328344083	0.409628899			
32	4	8	15	1.328406655	0.409696856			
1	4	7	12	1.328423641	0.409715303			
512	32	6	23	1.328531799	0.40983276			
4	8	3	11	1.328552793	0.409855558			
256	16	3	20	1.328562235	0.409865811			
512	128	6	25	1.328611226	0.40991901			
16	512	3	25	1.328647925	0.409958859			
64	4	2	15	1.328747961	0.410067478			
2	4	1	7	1.328804325	0.410128674	p.54 prisec		
32	2	5	13	1.328844889	0.410172714			
16	16	3	14	1.328863502	0.410192922			
32	4	19	24	1.328885579	0.410216889			
256	64	5	22	1.32893277	0.410268121			
1024	64	4	25	1.328941484	0.410277581			
128	64	5	21	1.329129338	0.4104815			
256	8	10	21	1.329163138	0.410518188			
256	32	12	25	1.329178174	0.410534508			
8	4	14	19	1.329188216	0.410545408			
16	512	1	23	1.329252101	0.410614747			

16	16	9	19	1.329348943	0.41071985			
8	2	11	14	1.329349635	0.410720601			
32	512	3	25	1.329434274	0.410812453			
2	4	9	14	1.329520912	0.41090647			
128	128	1	20	1.329611219	0.41100446			
256	32	1	20	1.329691409	0.411091468			
128	8	15	23	1.329813505	0.411223934			
64	32	7	20	1.32988567	0.411302223			
256	512	1	24	1.329905481	0.411323714			
512	32	11	25	1.330049845	0.411480313			
16	1	1	10	1.330087079	0.4115207			
1024	128	2	25	1.330095043	0.411529338			
16	4	2	11	1.330231458	0.411677294			
256	256	2	23	1.330276282	0.411725907			
16	4	16	21	1.330302147	0.411753957			
512	16	1	22	1.330309513	0.411761946			
128	32	1	18	1.330439612	0.411903029			
16	2	7	12	1.330439985	0.411903433			
32	16	11	21	1.330496902	0.411965151			
1024	32	7	25	1.330508106	0.4119773			
4	128	8	25	1.330560616	0.412034237			
512	64	4	23	1.330566929	0.412041082			
32	512	1	23	1.330622142	0.412100946			
4	128	7	24	1.330642475	0.412122991			
4	4	11	16	1.330706547	0.412192458			
64	64	7	22	1.330720333	0.412207403			
16	32	2	15	1.330727206	0.412214854			
4	128	6	23	1.330751222	0.412240891			
32	1	16	17	1.330766302	0.41225724			
8	128	8	25	1.330807699	0.412302118			
8	4	3	10	1.330839564	0.412336661			
16	8	4	13	1.330885502	0.412386459			
128	32	4	19	1.330887937	0.412389099			
64	4	13	19	1.330889856	0.412391179			
4	128	5	22	1.330895651	0.412397461			
64	256	1	21	1.330913749	0.412417079			

64	512	3	25	1.330970412	0.4124785			
8	128	7	24	1.330970451	0.412478543			
4	128	4	21	1.331087416	0.41260532			
1	4	6	11	1.331158159	0.412681992			
16	64	2	17	1.331168829	0.412693556			
8	128	6	23	1.33118637	0.412712567			
16	128	8	25	1.331297516	0.412833018			
4	128	3	20	1.331341956	0.412881175			
512	16	9	23	1.331345501	0.412885018			
64	8	5	16	1.331384169	0.412926918			
2	16	1	11	1.331401998	0.412946239			
128	16	10	21	1.331446222	0.412994159			
32	1	2	3	1.331456475	0.423005268	added		p.21 prisec
8	128	5	22	1.331472677	0.413022823			
32	4	18	23	1.331490696	0.413042347			
32	1	13	15	1.331603868	0.413164966			
16	128	7	24	1.331619243	0.413181624			
4	128	2	19	1.331679722	0.413247147			
64	16	13	23	1.331723823	0.413294923			
32	4	3	13	1.331751425	0.413324825			
8	128	4	21	1.331852105	0.413433888			
8	4	13	18	1.331976294	0.413568406			
8	8	5	13	1.331983016	0.413575687			
16	128	6	23	1.332044943	0.41364276			
4	128	1	18	1.332127825	0.413732524			
16	1	7	11	1.332138853	0.413744467			
512	16	3	22	1.332157836	0.413765025			
256	64	7	23	1.332163051	0.413770673			
32	1	11	14	1.332193654	0.413803815			
64	16	5	17	1.332210113	0.413821639			
128	256	3	23	1.332224856	0.413837605			
32	128	8	25	1.332260271	0.413875956			
128	32	9	22	1.332316655	0.413937012			
8	128	3	20	1.332354653	0.413978158			
256	16	8	21	1.332510221	0.414146599			
32	64	4	19	1.332520712	0.414157957	added	0.4142135	square of 2?

2	4	8	13	1.332522996	0.414160431			
256	8	17	25	1.332571177	0.414212594			
128	8	9	19	1.332591121	0.414234186			
16	128	5	22	1.332607664	0.414252096			
512	32	1	22	1.332686485	0.414337426			
512	128	2	23	1.332699825	0.414351866			
64	128	1	19	1.33276479	0.414422192			
4	16	3	13	1.332819801	0.41448174			
32	128	7	24	1.332889225	0.414556884			
32	16	5	16	1.332961094	0.414634673			
512	256	4	25	1.332987959	0.414663749			
512	64	7	24	1.332997557	0.414674137			
8	128	2	19	1.33301991	0.414698329			
32	1	8	13	1.333037113	0.414716947			
32	32	1	15	1.333130296	0.414817792			
64	8	1	15	1.333136152	0.414824129			
256	128	3	22	1.333194099	0.414886837			
64	512	1	23	1.33326881	0.414967682			
1024	128	3	25	1.333274724	0.414974081			
16	128	4	21	1.333350724	0.415056316			
32	32	4	17	1.333407296	0.415117527			
256	8	7	20	1.33346806	0.415183269			
8	4	1	9	1.333508308	0.415226814	meta-helmho	meruthree-	P.57 prisec
128	4	1	17	1.333510784	0.415229492			
512	32	7	23	1.333698633	0.415432707			
32	128	6	23	1.333717284	0.415452882			
8	128	1	18	1.333900163	0.415650691			
128	512	3	25	1.333907118	0.415658213			
1024	32	8	25	1.333973485	0.415729991			
128	8	11	20	1.333985925	0.415743444			
64	128	8	25	1.33412211	0.41589072			
256	128	1	21	1.334283808	0.416065567			
16	128	3	20	1.33433086	0.416116441			
16	2	13	16	1.334413463	0.416205749			
8	1	11	12	1.334538849	0.416341304			
128	4	2	17	1.33455734	0.416361293			

16	64	1	16	1.334697661	0.416512976			
32	4	17	22	1.334740071	0.416558817			
32	8	1	13	1.334751199	0.416570845			
256	32	11	24	1.3347681	0.416589113			
1024	256	1	25	1.334794183	0.416617305			
32	128	5	22	1.334805506	0.416629543			
1	32	13	25	1.334921143	0.416754521			
256	16	12	23	1.334940357	0.416775287			
128	64	2	19	1.334963109	0.416799875			
1	32	11	23	1.334984598	0.416823097			
2	32	13	25	1.335002249	0.416842172			
64	4	10	17	1.335029931	0.416872088			
2	32	11	23	1.335128826	0.416978954			
512	64	9	25	1.335152123	0.417004127			
4	32	13	25	1.335163916	0.417016871			
4	2	2	7	1.335207313	0.417063761			
64	16	3	16	1.335245994	0.417105556			
1	32	7	19	1.335298238	0.417162003			
64	128	7	24	1.335326439	0.417192472			
512	16	5	22	1.335391226	0.417262466			
16	8	7	15	1.335392422	0.417263759			
4	32	11	23	1.335415752	0.417288963			
128	64	8	23	1.335471463	0.417349148			
8	32	13	25	1.3354851	0.41736388			
8	4	12	17	1.335509879	0.417390648			
64	4	4	15	1.335558949	0.417443656			
16	128	2	19	1.335622408	0.417512204			
1024	64	6	25	1.335633219	0.41752388			
1	32	5	17	1.335654873	0.41754727			
16	2	9	13	1.335662251	0.417555239			
2	32	7	19	1.335752729	0.417652965			
16	16	7	17	1.335931687	0.417846237			
128	4	3	17	1.335947688	0.417863517			
8	32	11	23	1.335983596	0.417902293			
64	32	6	19	1.336116466	0.41804577			
16	32	13	25	1.33611906	0.418048571			

32	1024	1	25	1.336126324	0.418056414			
512	64	5	23	1.336143357	0.418074805			
64	4	19	24	1.336215403	0.418152595			
32	128	4	21	1.336232909	0.418171495			
512	32	3	22	1.336265161	0.418206317			
2	4	7	12	1.336401891	0.418353929			
2	32	5	17	1.336459605	0.418416232			
32	2	6	13	1.336466912	0.41842412			
128	8	1	17	1.336605301	0.418573501			
4	32	7	19	1.336650323	0.418622095			
512	128	5	24	1.336666586	0.418639649			
256	32	3	20	1.336862346	0.418850922			
64	128	6	23	1.336897745	0.418889123			
64	16	7	18	1.336906717	0.418898805			
-4	1	3)2	4	1.336939946	0.418934663	added	metameantone	
16	32	11	23	1.337096106	0.419103166			
16	4	14	19	1.337110379	0.419118565			
1024	32	1	24	1.337118563	0.419127396			
512	512	2	25	1.337157122	0.419168998			
512	64	1	22	1.337210783	0.419226893			
4	2	8	11	1.337229695	0.419247298			
256	256	1	22	1.337288481	0.419310719			
16	128	1	18	1.337322933	0.419347886			
128	16	7	19	1.337350836	0.419377987			
32	32	13	25	1.337354843	0.419382309			
64	8	2	15	1.337377381	0.419406622			
64	1024	1	25	1.337382582	0.419412233			
1024	128	4	25	1.337382588	0.41941224			
1	32	1	13	1.337411586	0.419443521			
256	128	5	23	1.33756753	0.41961173			
32	16	9	19	1.337602483	0.419649431			
128	128	8	25	1.337617793	0.419665944			
512	16	10	23	1.337676282	0.419729025			
64	32	3	17	1.337677055	0.41972986			
16	32	1	14	1.337793395	0.419855328			
128	4	4	17	1.337798171	0.419860478			

16	2	5	11	1.337834558	0.419899718			
4	32	5	17	1.33803934	0.420120534			
16	1	3	10	1.338047079	0.420128877			
256	8	11	21	1.3380691	0.420152621			
32	128	3	20	1.338101656	0.420187722			
4	4	9	14	1.338154955	0.420245186			
128	512	1	23	1.33822664	0.42032247			
128	8	7	18	1.338236437	0.420333031			
512	16	14	25	1.338281802	0.420381936			
8	32	7	19	1.338401889	0.420511387			
256	8	13	22	1.338457033	0.420570827			
1024	32	9	25	1.338563824	0.42068593			
64	2	7	15	1.338615997	0.420742161			
128	8	2	17	1.338645347	0.420773792			
512	128	3	23	1.338645659	0.420774128			
256	64	1	20	1.338692231	0.420824319			
32	8	9	17	1.338732012	0.42086719			
32	4	16	21	1.338764855	0.420902583			
128	32	8	21	1.338819491	0.420961459			
64	128	5	22	1.338941526	0.421092957			
16	4	5	12	1.338998781	0.421154647			
64	32	1	16	1.339054783	0.421214985			
1024	256	2	25	1.339205275	0.421377116			
32	32	11	23	1.339234712	0.421408827			
32	2	9	14	1.339266564	0.421443139			
8	256	6	25	1.339284726	0.421462704			
256	512	3	25	1.339309698	0.421489604			
1024	64	1	24	1.339318393	0.42149897			
256	64	4	21	1.3393206	0.421501347			
64	16	11	21	1.339330763	0.421512295			
1	4	4	9	1.339398596	0.421585361			
32	1	1	12	1.339408831	0.421596385			
8	256	5	24	1.339413181	0.421601071			
16	16	2	13	1.33953462	0.421731868			
8	256	4	23	1.339584834	0.421785948			
16	256	6	25	1.339662137	0.421869199			

64	32	13	25	1.339708553	0.421919184			
128	1024	1	25	1.339810113	0.422028546			
8	256	3	22	1.339814127	0.422032868			
128	128	7	24	1.33984147	0.422062311			
128	64	7	22	1.339854017	0.422075821			
16	256	5	24	1.33991691	0.42214354			
2	32	1	13	1.33992071	0.422147631			
32	4	4	13	1.339961523	0.422191574			
8	4	11	16	1.339970283	0.422201006			
512	128	7	25	1.339986797	0.422218786			
16	2	1	10	1.340102958	0.422343845			
8	256	2	21	1.340120299	0.422362513			
8	1	3	8	1.340189956	0.4224375			
16	256	4	23	1.340256705	0.422509353			
128	4	5	17	1.340268803	0.422522376			
32	256	6	25	1.340407554	0.422671723			
8	8	1	10	1.340411748	0.422676237			
64	4	18	23	1.340459033	0.422727128			
512	32	8	23	1.340507968	0.422779795			
8	256	1	20	1.340528975	0.422802402			
32	128	2	19	1.340543959	0.422818529			
128	256	1	21	1.340587189	0.422865052			
1024	64	7	25	1.340593074	0.422871385			
128	16	9	20	1.340660883	0.422944357			
16	256	3	22	1.340709581	0.422996761			
128	4	12	19	1.340821184	0.423116848			
32	32	3	16	1.340829654	0.423125962			
32	256	5	24	1.340908791	0.423211108			
512	16	7	22	1.341082583	0.42339808			
8	32	5	17	1.341087168	0.423403013			
128	16	13	23	1.34110074	0.423417612			
512	256	1	23	1.341171427	0.423493652			
32	64	2	17	1.341258864	0.423587705			
128	16	5	18	1.341303367	0.423635573			
16	256	2	21	1.341312728	0.423645642			
128	8	3	17	1.341351424	0.423687262			

2	4	6	11	1.341416262	0.423756997			
256	32	10	23	1.341485846	0.423831833			
32	256	4	23	1.341574841	0.423927538			
64	128	4	21	1.341591505	0.423945459			
64	8	8	17	1.34173726	0.42410219			
16	32	7	19	1.341744429	0.424109898			
256	8	1	19	1.341801803	0.424171588			
16	4	13	18	1.341830266	0.42420219			
64	256	6	25	1.341862318	0.424236651			
8	4	5	11	1.341895278	0.424272088			
128	32	5	19	1.341939888	0.424320047			
1024	32	5	24	1.341950712	0.424331684			
64	8	11	19	1.341964056	0.42434603			
16	256	1	20	1.342115432	0.42450876			
2	1	6	7	1.342152217	0.4245483			
4	16	1	11	1.342238955	0.424641533			
32	256	3	22	1.342458728	0.424877735			
512	32	5	22	1.342475109	0.42489534			
128	16	1	17	1.342507351	0.424929988			
256	256	3	23	1.342527543	0.424951686			
8	2	10	13	1.342626379	0.425057892			
256	128	2	21	1.342662939	0.425097178			
128	128	6	23	1.3426995	0.425136462			
64	64	1	17	1.342747776	0.425188332			
32	2	11	15	1.342755824	0.425196979			
256	8	2	19	1.342772401	0.425214789			
64	256	5	24	1.342833402	0.425280329			
32	1	9	13	1.342932153	0.425386419			
64	32	11	23	1.34320877	0.425683555			
64	64	4	19	1.34328063	0.425760735			
16	4	3	11	1.343286597	0.425767144			
64	2	17	20	1.343295513	0.42577672			
512	64	6	23	1.343367493	0.425854024			
32	8	2	13	1.343450495	0.42594316			
4	4	8	13	1.343485023	0.425980238			
1024	128	1	24	1.343502005	0.425998474			

128	4	6	17	1.343584158	0.42608669			
32	256	2	21	1.343630097	0.426136017			
512	512	1	24	1.343688955	0.426199213			
16	1	13	14	1.34370189	0.426213101			
32	128	1	18	1.343731529	0.426244923			
64	32	5	18	1.343817816	0.426337562			
32	16	4	15	1.343839823	0.426361188			
32	2	1	12	1.343841165	0.426362629			
256	128	8	25	1.343862416	0.426385444			
512	64	3	22	1.343939745	0.426468457			
128	32	13	25	1.344014209	0.42654839			
256	8	3	19	1.344067877	0.426605998			
512	32	12	25	1.344090779	0.426630581			
64	256	4	23	1.344114962	0.426656537			
256	8	9	20	1.344137522	0.426680752			
256	1024	1	25	1.344359589	0.426919082			
8	16	3	13	1.3444294	0.426993997			
256	16	1	19	1.344602494	0.42717973			
128	256	6	25	1.344638762	0.427218644			
8	2	1	8	1.344680056	0.427262948			
4	32	1	13	1.344763646	0.427352629			
1024	256	3	25	1.344819085	0.427412104			
128	8	4	17	1.344952717	0.427555454			
64	128	3	20	1.345017132	0.427624549			
128	8	13	21	1.345062163	0.42767285			
64	2	8	15	1.34517222	0.427790891			
32	256	1	20	1.345180396	0.427799659			
64	16	1	15	1.34525903	0.427883991			
512	128	1	22	1.345465364	0.428105252			
1	4	3	8	1.345542631	0.4281881			
64	4	17	22	1.345613475	0.428264058			
256	8	4	19	1.345798851	0.428462795			
64	256	3	22	1.345802273	0.428466463			
1	8	18	25	1.346014433	0.42869388			
2	64	11	25	1.346014467	0.428693916			
1	8	17	24	1.346053872	0.428736151			

1	8	16	23	1.346106898	0.428792983			
2	64	9	23	1.346107009	0.428793102			
2	8	18	25	1.346128268	0.428815886			
4	64	11	25	1.346128403	0.42881603			
1	8	15	22	1.346178175	0.428869372			
2	8	17	24	1.346206853	0.428900106			
512	128	4	23	1.346211011	0.428904562			
512	16	11	23	1.346265435	0.428962885			
128	64	3	19	1.346279901	0.428978387			
2	8	16	23	1.346312406	0.42901322			
4	64	9	23	1.346312846	0.429013691			
4	8	18	25	1.346354734	0.429058578			
8	64	11	25	1.346355268	0.42905915			
128	128	5	22	1.346355815	0.429059736			
128	8	10	19	1.346388181	0.429094417			
128	16	2	17	1.346391214	0.429097667			
1	8	13	20	1.346402609	0.429109878			
2	8	15	22	1.34645411	0.429165061			
128	256	5	24	1.346468229	0.429180189			
256	16	2	19	1.346489736	0.429203232			
64	2	11	16	1.346497236	0.429211269			
16	512	4	25	1.346506721	0.429221431			
4	8	17	24	1.34651075	0.429225748			
1	8	12	19	1.346575347	0.429294958			
2	64	5	19	1.346576526	0.42929622			
256	16	7	20	1.346615173	0.429337625			
4	8	16	23	1.346719892	0.429449812			
8	64	9	23	1.346721623	0.429451666			
128	32	7	20	1.346724052	0.429454268			
16	32	5	17	1.346786249	0.429520896			
8	8	18	25	1.346802943	0.429538779			
16	64	11	25	1.346805037	0.429541022			
1	8	11	18	1.346807151	0.429543286			
8	2	4	9	1.346815955	0.429552717			
2	8	13	20	1.346899115	0.429641795			
1024	512	1	25	1.346966684	0.429714168			

16	512	2	23	1.346995093	0.429744595			
4	8	15	22	1.346999974	0.429749823			
256	512	1	23	1.347039296	0.429791937			
32	2	7	13	1.347084924	0.429840805			
1024	64	8	25	1.347104989	0.429862294			
32	512	4	25	1.347105707	0.429863063			
8	8	17	24	1.34711048	0.429868174			
1	8	10	17	1.34711803	0.42987626			
2	64	3	17	1.347121852	0.429880354			
2	8	12	19	1.347240534	0.43000745			
4	64	5	19	1.34724515	0.430012394			
16	512	1	22	1.34737049	0.430146607			
256	64	8	23	1.347378739	0.43015544			
128	64	1	18	1.347391152	0.43016873			
1024	32	7	24	1.347396184	0.430174119			
16	4	7	13	1.34741727	0.430196695			
128	4	19	24	1.347503814	0.430289357			
512	16	13	24	1.347519368	0.430306009			
8	8	16	23	1.347521166	0.430307934			
16	64	9	23	1.347527869	0.43031511			
1	8	9	16	1.347534684	0.430322407			
32	64	1	16	1.347561777	0.430351413			
16	8	18	25	1.347681142	0.430479199			
16	4	12	17	1.347684923	0.430483246			
32	64	11	25	1.347689198	0.430487822			
2	8	11	18	1.347697401	0.430496604			
256	128	7	24	1.347738072	0.430540142			
64	16	6	17	1.347857484	0.43066796			
2	1	3	5	1.347867896	0.430679105			
4	8	13	20	1.347875013	0.430686723			
32	32	7	19	1.347878421	0.430690371			
2	2	5	8	1.347984469	0.430803874			
256	8	15	23	1.348010024	0.430831225			
64	256	2	21	1.348018479	0.430840274			
128	4	7	17	1.348068464	0.430893768			
8	8	15	22	1.348068573	0.430893885			

32	512	2	23	1.348069074	0.430894421			
1	8	8	15	1.348092713	0.43091972			
2	64	1	15	1.348105052	0.430932924			
256	8	5	19	1.348116551	0.430945229			
16	8	17	24	1.348279137	0.431119212			
64	512	4	25	1.348281841	0.431122105			
2	8	10	17	1.348308057	0.431150156			
4	64	3	17	1.348322866	0.431166002			
16	8	1	11	1.348376895	0.431223812			
4	8	12	19	1.348542306	0.431400782			
512	16	1	21	1.348548343	0.431407241			
8	64	5	19	1.348560038	0.431419752			
1024	64	5	24	1.348587464	0.431449093			
512	512	3	25	1.348648001	0.431513852			
64	2	13	17	1.348757782	0.431631284			
32	512	1	22	1.348806352	0.431683236			
128	256	4	23	1.348853815	0.431734002			
32	16	7	17	1.348869222	0.43175048			
4	8	1	9	1.34896971	0.431857955			
256	16	3	19	1.349000819	0.431891225			
512	256	2	23	1.349000826	0.431891231			
16	8	16	23	1.34907203	0.431967379			
32	64	9	23	1.349097233	0.431994331			
2	8	9	16	1.349123256	0.432022159			
16	1	8	11	1.349282515	0.432192454			
32	8	18	25	1.349369622	0.432285589			
64	64	11	25	1.349399523	0.432317557			
4	8	11	18	1.349430481	0.432350655			
64	128	2	19	1.349433746	0.432354146			
512	16	2	21	1.349452063	0.432373729			
32	1	5	12	1.349480732	0.432404378			
256	32	9	22	1.349523444	0.43245004			
1024	128	6	25	1.349535348	0.432462766			
512	32	9	23	1.349557703	0.432486664			
256	64	5	21	1.349623003	0.432556469			
256	256	6	25	1.34973336	0.432674431			

8	8	13	20	1.349762344	0.432705411			
128	8	5	17	1.349771639	0.432715345			
32	4	14	19	1.349773969	0.432717836			
1	8	6	13	1.349838589	0.432786903			
64	2	1	14	1.349878217	0.432829256			
256	32	1	19	1.349937354	0.432892458			
16	8	15	22	1.350119812	0.43308744			
64	512	2	23	1.350157543	0.433127757			
32	32	2	15	1.350176292	0.433147792			
128	32	11	23	1.350196003	0.433168853			
2	8	8	15	1.350210116	0.433183933			
4	64	1	15	1.350257195	0.433234236			
4	4	7	12	1.350283743	0.433262601			
128	128	1	19	1.350326693	0.43330849			
64	8	4	15	1.350446963	0.433436981			
32	8	17	24	1.350503688	0.43349758			
128	512	4	25	1.35055187	0.43354905			
4	8	10	17	1.350610209	0.433611368			
8	64	3	17	1.350665916	0.433670872			
64	256	1	20	1.350922755	0.433945185			
32	1	15	16	1.351002084	0.4340299			
128	128	4	21	1.35101246	0.43404098			
8	8	12	19	1.351039673	0.43407004			
64	16	9	19	1.351070481	0.434102937			
16	64	5	19	1.351105304	0.434140122			
512	32	1	21	1.351105891	0.434140748			
1024	256	1	24	1.351123997	0.434160082			
32	4	5	13	1.351131551	0.434168148			
1	8	5	12	1.351174419	0.43421392			
256	8	6	19	1.351231041	0.434274376			
512	16	9	22	1.351282788	0.434329624			
256	32	13	25	1.351407402	0.434462662			
128	16	3	17	1.351525811	0.434589064			
128	16	8	19	1.351575787	0.43464241			
64	512	1	22	1.351581224	0.434648215			
256	64	3	20	1.351610302	0.434679252			

64	4	9	16	1.351759886	0.434838908			
32	2	14	17	1.351806882	0.434889064			
64	4	16	21	1.351831809	0.434915667			
32	8	5	14	1.35192337	0.435013379			
1024	256	4	25	1.351945163	0.435036635			
128	256	3	22	1.351952611	0.435044583			
32	8	16	23	1.351988657	0.435083048			
64	64	9	23	1.352078438	0.435178848			
4	8	9	16	1.35217376	0.435280556			
512	32	11	24	1.352199408	0.43530792			
512	16	4	21	1.352285523	0.435399796			
32	4	1	12	1.352326749	0.435443778			
256	16	4	19	1.352348104	0.435466559			
512	1024	1	25	1.352452052	0.435577448			
64	8	18	25	1.352508393	0.435637546			
256	128	6	23	1.352611772	0.435747815			
128	64	11	25	1.352612568	0.435748664			
8	4	9	14	1.35262653	0.435763556			
32	1024	2	25	1.35270272	0.435844817			
8	8	11	18	1.352723643	0.435867132			
512	64	7	23	1.352763049	0.435909158			
512	32	2	21	1.352859543	0.436012063			
1024	32	11	25	1.352923806	0.436080591			
1	8	4	11	1.352960817	0.436120058			
8	8	3	11	1.352998481	0.43616022			
256	256	5	24	1.353021619	0.436184892			
16	16	1	12	1.353045907	0.436210789			
32	1024	1	24	1.353049713	0.436214847			
64	16	2	15	1.353079546	0.436246656			
64	2	3	14	1.353087687	0.436255336			
2	1	1	4	1.353209964	0.436385705	Meta-Mavila		
128	16	11	21	1.353232299	0.436409517			
16	8	13	20	1.353306763	0.436488902			
128	32	1	17	1.353313428	0.436496007			
64	32	4	17	1.353329511	0.436513152			
512	32	7	22	1.3533507	0.43653574			

256	32	2	19	1.353513927	0.436709732			
2	8	6	13	1.353582685	0.436783019			
4	2	7	10	1.353639675	0.436843759			
64	1024	2	25	1.353679635	0.436886347			
1	4	2	7	1.353693319	0.436900932			
64	4	1	14	1.353730913	0.436940997			
8	32	1	13	1.35382348	0.437039643			
128	4	18	23	1.353844319	0.43706185			
32	8	15	22	1.353922415	0.437145069			
4	1	8	9	1.354028321	0.437257915			
256	128	1	20	1.354063599	0.437295502			
128	512	2	23	1.354116821	0.437352207			
1024	32	1	23	1.354145118	0.437382355			
128	4	8	17	1.354208444	0.437449821			
512	128	8	25	1.354218756	0.437460806			
4	8	8	15	1.354241478	0.437485013			
1024	512	2	25	1.354308387	0.437556289			
256	64	7	22	1.3543604	0.437611696			
64	1024	1	24	1.354361089	0.43761243			
8	4	2	9	1.354413504	0.437668263			
8	64	1	15	1.354413598	0.437668363			
4	128	9	25	1.354427818	0.43768351			
512	16	5	21	1.354463001	0.437720985			
64	8	17	24	1.354569452	0.437834366			
4	128	7	23	1.35457109	0.437836111			
8	128	9	25	1.354599371	0.43786623			
256	512	4	25	1.354798371	0.438078158			
4	128	5	21	1.354833127	0.438115167			
8	128	7	23	1.354884519	0.438169891			
16	4	11	16	1.354919537	0.438207178			
8	8	10	17	1.354936064	0.438224777			
16	128	9	25	1.354940343	0.438229332			
1024	32	2	23	1.35498985	0.438282044			
32	8	3	13	1.354994084	0.438286553			
256	16	10	21	1.354998907	0.438291688			
64	128	1	18	1.355116818	0.438417224			

16	64	3	17	1.355134625	0.438436183			
4	128	3	19	1.355311807	0.4386248			
256	16	13	23	1.355339105	0.438653858			
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8	128	5	21	1.355404626	0.438723601			
512	64	5	22	1.355428431	0.438748939			
256	8	7	19	1.355440802	0.438762106			
16	128	7	23	1.355505157	0.438830601			
128	1024	2	25	1.35558031	0.438910587			
32	128	9	25	1.355613942	0.43894638			
16	2	6	11	1.35561671	0.438949325			
16	8	12	19	1.355664768	0.439000469			
64	2	16	19	1.355688734	0.439025974			
1024	64	9	25	1.355696661	0.43903441			
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512	128	5	23	1.355839606	0.43918652			
32	64	5	19	1.355892269	0.439242555			
128	256	2	21	1.355962664	0.439317455			
512	64	1	21	1.355972559	0.439327982			
1024	32	3	23	1.356125017	0.439490182			
2	8	5	12	1.356142568	0.439508853			
4	128	1	17	1.356185135	0.439554137			
128	8	6	17	1.35627604	0.439650837			
128	32	6	19	1.356310359	0.439687343			
8	128	3	19	1.356351092	0.439730669			
2	4	4	9	1.35637418	0.439755226			
256	256	1	21	1.356452845	0.439838896			
1024	64	1	23	1.356498197	0.43988713			
16	128	5	21	1.356529938	0.439920887			
64	4	11	17	1.356631855	0.440029274			
64	8	7	16	1.356646364	0.440044703			
32	128	7	23	1.356722385	0.440125544			
16	8	5	13	1.356735507	0.440139497			
128	4	11	18	1.356767164	0.440173159			
128	512	1	22	1.356782784	0.440189769			
256	16	5	19	1.356825584	0.440235279			

128	1024	1	24	1.356896026	0.440310176			
32	32	5	17	1.356902275	0.440316821			
128	128	3	20	1.356919143	0.440334755			
64	128	9	25	1.356929133	0.440345376			
32	4	13	18	1.357145167	0.440575046			
64	8	16	23	1.357215247	0.440649542			
256	256	4	23	1.357229204	0.440664379			
32	16	3	14	1.357279536	0.440717879			
512	128	3	22	1.357493164	0.440944933			
128	64	9	23	1.357507548	0.44096022			
64	4	7	15	1.357511246	0.440964149			
1024	32	4	23	1.357650253	0.441111872			
32	1	10	13	1.357749008	0.441216809			
128	4	1	16	1.357777378	0.441246954			
8	8	9	16	1.357832671	0.441305704			
128	8	18	25	1.358031244	0.441516672			
8	128	1	17	1.358069213	0.441557007			
1024	64	2	23	1.35813465	0.441626521			
512	16	12	23	1.358140864	0.441633121			
64	64	2	17	1.358166982	0.441660865			
256	32	3	19	1.35824364	0.441742291			
512	32	4	21	1.358320084	0.441823486			
128	16	4	17	1.358349126	0.441854332			
256	64	11	25	1.358358938	0.441864753			
16	128	3	19	1.358381039	0.441888226			
1024	128	7	25	1.358387902	0.441895515			
64	32	7	19	1.358458852	0.441970866			
512	256	6	25	1.358512436	0.442027772			
1	8	2	9	1.358559055	0.442077279			
32	16	1	13	1.358621691	0.442143792			
16	4	1	10	1.358662663	0.4421873			
256	128	5	22	1.358705172	0.442232437			
32	128	5	21	1.358713415	0.442241189			
16	8	11	18	1.358725325	0.442253836			
512	256	3	23	1.358759499	0.442290122			
2048	64	1	25	1.358862922	0.442399928			

1024	64	7	24	1.358878546	0.442416517			
64	2	5	14	1.358967184	0.442510618			
4	4	6	11	1.358972202	0.442515946			
64	128	7	23	1.359066773	0.44261634			
256	32	8	21	1.359108924	0.442661084			
256	1024	2	25	1.359186825	0.442743774			
512	64	2	21	1.359283758	0.442846659			
128	128	9	25	1.359441395	0.443013959			
512	256	1	22	1.359524925	0.443102602			
2	8	4	11	1.359547421	0.443126474			
32	8	13	20	1.359644362	0.443229339			
2048	64	2	25	1.359655424	0.443241078			
256	64	1	19	1.359683567	0.443270938			
1024	32	5	23	1.359700363	0.44328876			
64	4	3	14	1.360011447	0.443618795			
32	8	7	15	1.360172779	0.443789925			
1024	64	3	23	1.360321543	0.443947705			
128	32	2	17	1.360404657	0.44403585			
128	4	13	19	1.36046109	0.444095695			
512	128	7	24	1.360461784	0.444096431			
4	8	6	13	1.360567196	0.44420821			
128	64	4	19	1.360574485	0.44421594			
64	8	15	22	1.360585301	0.444227408			
1024	128	5	24	1.36062977	0.44427456			
128	4	3	16	1.36068498	0.444333099			
2048	64	3	25	1.36072312	0.444373537			
1	16	16	25	1.360858287	0.444516839			
1	16	14	23	1.360916365	0.444578409			
2	16	16	25	1.360926437	0.444589086			
1	16	13	22	1.360961875	0.444626653			
1024	128	1	23	1.360971937	0.444637319			
2048	128	1	25	1.361041695	0.444711264			
2	16	14	23	1.36104231	0.444711916			
4	16	16	25	1.361062328	0.444733135			
8	256	7	25	1.361062573	0.444733394			
64	8	1	14	1.361090136	0.444762611			

64	16	5	16	1.361093013	0.44476566			
1	16	11	20	1.361107838	0.444781373			
2	16	13	22	1.361133015	0.44480806			
128	256	1	20	1.361133993	0.444809096			
256	8	8	19	1.361183412	0.444861475			
128	8	1	16	1.361183992	0.44486209			
1	16	10	19	1.361222103	0.444902482			
16	4	4	11	1.361230556	0.444911441			
4	16	14	23	1.361292949	0.444977567			
8	256	5	23	1.361293782	0.444978449			
256	512	2	23	1.36129691	0.444981764			
8	16	16	25	1.361332499	0.445019481			
16	256	7	25	1.361333466	0.445020506			
128	4	17	22	1.361347165	0.445035024			
2	16	11	20	1.361423468	0.445115884			
8	16	1	11	1.36143556	0.445128698			
8	4	8	13	1.361465027	0.445159924			
4	16	13	22	1.361473122	0.445168502			
512	512	1	23	1.361507278	0.445204695			
128	8	17	24	1.361543452	0.445243025			
256	32	11	23	1.3615478	0.445247632			
1	16	8	17	1.361588075	0.445290307			
8	8	8	15	1.361612743	0.445316444			
256	1024	1	24	1.361649854	0.445355764			
2	16	10	19	1.361650407	0.44535635			
16	128	1	17	1.361709528	0.445418988			
512	32	10	23	1.361723692	0.445433996			
4	1	5	7	1.361726707	0.445437189			
8	16	14	23	1.361789318	0.445503522			
16	256	5	23	1.361792587	0.445506985			
32	1	7	12	1.361823692	0.445539937			
16	16	16	25	1.361866518	0.445585306			
32	256	7	25	1.361870302	0.445589315			
1	16	7	16	1.36187414	0.445593381			
32	32	1	14	1.361988404	0.44571442			
4	16	11	20	1.362048243	0.445777804			

8	16	13	22	1.362144833	0.445880109			
2048	64	4	25	1.362160636	0.445896847			
16	64	1	15	1.362196843	0.445935193			
32	128	3	19	1.362260926	0.446003062			
512	512	4	25	1.362335337	0.446081864			
2	16	8	17	1.362375115	0.446123988			
1024	32	6	23	1.362459308	0.446213142			
32	2	8	13	1.362465703	0.446219914			
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4	16	10	19	1.362495917	0.446251907			
8	256	1	19	1.36250542	0.446261969			
2048	128	2	25	1.362574821	0.446335453			
256	256	3	22	1.362584067	0.446345242			
8	1	10	11	1.362595061	0.446356882			
16	8	10	17	1.36267809	0.446444789			
16	16	14	23	1.362763075	0.446534762			
128	4	9	17	1.362774553	0.446546913			
32	256	5	23	1.36277569	0.446548118			
1	16	5	14	1.362788635	0.446561821			
16	2	11	14	1.362831251	0.446606935			
64	128	5	21	1.362837209	0.446613243			
256	16	6	19	1.362850036	0.446626821			
1	8	1	8	1.362878647	0.446657108			
32	16	16	25	1.362910285	0.446690598			
64	256	7	25	1.362924786	0.446705949			
2	16	7	16	1.362939693	0.446721728			
512	32	13	25	1.363060471	0.446849568			
1024	64	4	23	1.363242766	0.4470425			
8	16	11	20	1.363272772	0.447074254			
64	8	9	17	1.363317759	0.447121861			
32	64	3	17	1.363324728	0.447129236			
1024	512	3	25	1.363427539	0.447238028			
128	128	7	23	1.36343709	0.447248134			
16	16	13	22	1.363455692	0.447267818			
1	16	4	13	1.363502316	0.447317151			
32	8	12	19	1.36375713	0.447586739			

32	2	5	12	1.363906566	0.447744816			
4	16	8	17	1.363917436	0.447756314			
256	8	1	18	1.363949186	0.447789898			
1	2	2	5	1.363964602	0.447806204			
512	256	5	24	1.364023847	0.447868867			
1024	128	2	23	1.364052509	0.447899182			
256	128	9	25	1.364058982	0.447906028			
16	16	3	13	1.364074178	0.4479221			
1024	512	1	24	1.364077349	0.447925453			
2	8	3	10	1.364084211	0.447932712			
8	16	10	19	1.364144509	0.447996483			
1024	32	12	25	1.36415898	0.448011787			
16	256	1	19	1.36418081	0.448034874			
128	128	2	19	1.364386594	0.448252485			
2	2	1	5	1.364430112	0.4482985			
256	8	11	20	1.364435338	0.448304025			
64	64	5	19	1.364466781	0.448337272			
256	32	4	19	1.364514921	0.44838817			
128	16	7	18	1.364517436	0.44839083			
2048	128	3	25	1.364626901	0.448506562			
32	16	14	23	1.364639536	0.44851992			
1	4	1	6	1.364656529	0.448537884			
64	256	5	23	1.364686643	0.44856972			
2	16	5	14	1.364736142	0.448622047			
512	128	1	21	1.364847599	0.448739866			
64	16	16	25	1.364908053	0.448803767			
128	256	7	25	1.364961498	0.448860257			
4	16	7	16	1.36501783	0.448919796			
512	64	8	23	1.36504975	0.448953532			
64	32	3	16	1.365087612	0.448993547			
128	8	7	17	1.365173343	0.449084149			
2048	256	1	25	1.365181033	0.449092275			
4	8	5	12	1.365304945	0.449223218			
16	16	11	20	1.365628452	0.449565022			
512	1024	2	25	1.36573671	0.449679384			
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1	16	2	11	1.365782121	0.449727353			
128	8	16	23	1.365932402	0.449886088			
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128	4	5	16	1.36603658	0.449996117	missing(hn9/2) +hn8=hn 1.366025404		
256	512	1	22	1.366039371	0.449999065			0.449984313
32	4	12	17	1.366083045	0.450045188			
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16	8	2	11	1.366122	0.450086327			
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256	64	2	19	1.366163665	0.450130327			
1024	32	7	23	1.366181404	0.45014906			
128	8	11	19	1.36618712	0.450155096			
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32	2	13	16	1.366561473	0.450550359			
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512	16	8	21	1.36672285	0.450720716			
32	4	6	13	1.366755421	0.450755097			
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128	8	3	16	1.366847132	0.450851902			
16	512	3	23	1.366871234	0.45087734			
8	16	8	17	1.366883624	0.450890418			
256	16	1	18	1.367002024	0.451015379			
256	8	18	25	1.367017454	0.451031664			
1024	64	5	23	1.367146236	0.451167568			
16	16	10	19	1.367286043	0.451315093			
2048	128	4	25	1.367369925	0.451403599			
32	256	1	19	1.367419025	0.451455403			
2	4	3	8	1.367488324	0.451528515			
128	16	5	17	1.367492558	0.451532981			
1	16	1	10	1.367563602	0.451607931			
16	512	1	21	1.3675843	0.451629766			
256	16	9	20	1.367590514	0.451636321			
128	16	1	16	1.367680018	0.451730737			
32	512	3	23	1.36768979	0.451741046			
16	8	9	16	1.367759697	0.451814784			
512	64	11	25	1.367910291	0.45197362			

128	32	5	18	1.367925942	0.451990127			
32	8	1	12	1.367964955	0.452031271			
2048	256	2	25	1.368059791	0.452131285			
512	128	6	23	1.368106745	0.452180799			
1024	128	3	23	1.36812702	0.452202179			
64	16	14	23	1.36814145	0.452217396			
64	4	14	19	1.368197437	0.452276433			
128	256	5	23	1.368307213	0.452392181			
4	16	5	14	1.368489015	0.452583854			
32	128	1	17	1.368531414	0.452628551			
128	16	16	25	1.368593126	0.452693606			
64	64	1	16	1.368650498	0.452754084			
256	256	7	25	1.36877704	0.452887465			
256	8	13	21	1.368802177	0.452913959			
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512	16	1	20	1.368904328	0.453021621			
32	8	11	18	1.36897874	0.453100042			
8	16	7	16	1.368979627	0.453100976			
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32	512	1	21	1.369092619	0.453220048			
1024	256	1	23	1.36911837	0.453247183			
256	8	9	19	1.369127959	0.453257287			
64	512	3	23	1.369291192	0.453429281			
256	256	2	21	1.369364739	0.453506768			
64	128	3	19	1.369397282	0.453541055			
512	64	4	21	1.369458502	0.453605549			
2	2	4	7	1.369503923	0.453653398			
128	32	3	17	1.369712036	0.453872618			
1024	128	8	25	1.369848739	0.454016597			
16	32	1	13	1.36990337	0.454074132			
32	16	11	20	1.370011736	0.454188252			
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128	4	16	21	1.370182336	0.454367892			
64	8	13	20	1.370183417	0.45436903			
2048	64	7	25	1.370210654	0.454397708			

128	128	5	21	1.370273492	0.454463869			
1	32	14	25	1.37039823	0.454595193			
1	32	13	24	1.370415715	0.4546136			
1	32	12	23	1.370439666	0.454638814			
2	32	14	25	1.370445414	0.454644865			
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1	32	10	21	1.370517395	0.454720639			
256	32	7	20	1.370518009	0.454721285			
2	32	12	23	1.370528152	0.454731963			
4	32	14	25	1.370539596	0.45474401			
64	16	13	22	1.370550727	0.454755726			
2	16	2	11	1.37056574	0.45477153			
1	32	9	20	1.37057891	0.454785392			
32	8	4	13	1.370595384	0.454802733			
4	32	13	24	1.370609248	0.454817326			
1	32	8	19	1.370663124	0.454874035			
2	32	10	21	1.370683202	0.454895168			
4	32	12	23	1.370704544	0.454917631			
8	32	14	25	1.370727228	0.454941506			
1	32	7	18	1.370778391	0.454995355			
2	32	9	20	1.370805779	0.455024179			
512	128	2	21	1.370809962	0.455028582			
8	32	13	24	1.370865774	0.455087319			
8	1	7	9	1.370866258	0.455087828			
512	256	4	23	1.370898582	0.455121846			
1	32	6	17	1.370936123	0.455161352			
2	32	8	19	1.370973429	0.45520061			
4	32	10	21	1.371013024	0.455242277			
256	16	7	19	1.371031092	0.455261288			
8	32	12	23	1.371055036	0.455286484			
128	16	9	19	1.37107714	0.455309743			
16	32	14	25	1.371099596	0.455333372			
32	1024	3	25	1.371101828	0.455335721			
1	32	5	16	1.37115191	0.455388416			
256	128	7	23	1.371155929	0.455392645			
4	16	4	13	1.371161931	0.45539896			

2	32	7	18	1.371202628	0.45544178			
1024	32	8	23	1.371224706	0.455465009			
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64	4	8	15	1.371295443	0.455539431			
512	16	3	20	1.371344526	0.455591068			
128	8	15	22	1.371368194	0.455615968			
16	32	13	24	1.371373718	0.455621778			
1	32	4	15	1.371447048	0.45569892			
256	8	5	18	1.371506211	0.455761156			
2	32	6	17	1.371515828	0.455771272			
4	8	4	11	1.371552517	0.455809864			
4	32	8	19	1.37158863	0.45584785			
64	4	5	14	1.371618071	0.455878817			
8	32	10	21	1.371665641	0.455928851			
512	32	1	20	1.371669801	0.455933227			
16	32	12	23	1.371747055	0.456014479			
32	1024	1	23	1.371754782	0.456022606			
128	64	1	17	1.371818695	0.456089821			
32	32	14	25	1.371833065	0.456104934			
64	1024	3	25	1.371841748	0.456114066			
1	32	3	14	1.371850638	0.456123415			
2048	256	3	25	1.371867333	0.456140972			
2	32	5	16	1.371943607	0.456221181			
64	512	1	21	1.372008718	0.456289649			
512	128	9	25	1.372040601	0.456323174			
4	32	7	18	1.372041802	0.456324437			
8	32	9	20	1.372145439	0.456433407			
128	512	3	23	1.372361002	0.456660035			
32	32	13	24	1.372369873	0.456669361			
1024	64	6	23	1.372370005	0.456669499			
1024	256	6	25	1.372379313	0.456679284			
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16	16	8	17	1.37240019	0.456701231			
1	32	2	13	1.372402491	0.45670365			
2	32	4	15	1.372527606	0.456835167			
256	8	17	24	1.372528458	0.456836062			

8	4	7	12	1.372572376	0.456882225			
4	32	6	17	1.372659387	0.456973678			
2048	512	1	25	1.37270916	0.45702599			
8	32	8	19	1.372798046	0.457119404			
256	32	1	18	1.372815662	0.457137917			
256	32	5	19	1.372870672	0.457195727			
512	32	9	22	1.372882517	0.457208174			
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16	32	10	21	1.372943785	0.457272556			
1024	32	1	22	1.372970257	0.457300372			
32	16	10	19	1.373038146	0.457371708			
32	32	12	23	1.373096791	0.457433326			
256	16	11	21	1.373105034	0.457441987			
64	8	3	14	1.373125822	0.457463828			
64	1024	1	23	1.373126328	0.45746436			
1	32	1	12	1.373157178	0.457496773			
64	32	14	25	1.373257231	0.457601889			
128	1024	3	25	1.373290137	0.457636458			
16	1	1	9	1.37329771	0.457644413			
2	32	3	14	1.373324584	0.457672646			
512	512	2	23	1.373439148	0.457792991			
64	256	1	19	1.37349088	0.457847331			
4	32	5	16	1.373500251	0.457857174			
1024	128	4	23	1.373509714	0.457867114			
64	32	5	17	1.37353866	0.457897518			
8	32	7	18	1.373684343	0.458050528			
128	128	1	18	1.373805607	0.458177878			
16	32	9	20	1.373876998	0.458252847			
32	16	2	13	1.374001279	0.458383347			
2	16	1	10	1.374018909	0.458401858			
32	1	14	15	1.374083085	0.45846924			
16	8	8	15	1.374267682	0.458663042			
64	32	13	24	1.374288376	0.458684767			
128	16	14	23	1.374340696	0.458739689			
2	32	2	13	1.374412055	0.458814596			
64	16	1	14	1.374599396	0.45901123			

256	64	3	19	1.374635255	0.459048865			
1024	256	2	23	1.374637435	0.459051154			
4	32	4	15	1.374644119	0.459058168			
1024	512	4	25	1.374704465	0.4591215			
4	2	1	6	1.374709945	0.459127251			
16	4	9	14	1.374826131	0.459249178			
256	256	5	23	1.374869692	0.459294888			
8	32	6	17	1.374886022	0.459312024			
2048	64	8	25	1.374953373	0.459382695			
512	16	13	23	1.374988995	0.459420072			
256	16	16	25	1.37500078	0.459432437			
1024	32	11	24	1.37503965	0.45947322			
128	4	10	17	1.37507758	0.459513016			
16	32	8	19	1.37513774	0.459576132			
128	32	7	19	1.375223532	0.459666137			
1024	32	3	22	1.375227109	0.459669889			
512	64	7	22	1.375238037	0.459681354			
64	2048	1	25	1.375240555	0.459683995			
32	32	10	21	1.375399194	0.459850405			
8	16	5	14	1.37549252	0.459948294			
1024	64	1	22	1.375497717	0.459953745			
512	256	7	25	1.375568107	0.460027572			
32	8	10	17	1.37557057	0.460030155			
32	1	1	11	1.375604406	0.460065642			
64	32	12	23	1.375670251	0.460134697			
256	128	3	20	1.375670766	0.460135237			
128	1024	1	23	1.375778591	0.460248311			
2	32	1	12	1.375896329	0.46037177			
2048	128	6	25	1.375924391	0.460401194			
128	32	14	25	1.375950719	0.460428799			
32	64	1	15	1.37603027	0.460512207			
256	1024	3	25	1.376069542	0.460553381			
128	4	7	16	1.376116799	0.460602925			
4	32	3	14	1.376199136	0.460689243			
16	16	7	16	1.376238865	0.460730891			
256	128	1	19	1.376317371	0.460813185			

2048	64	1	24	1.376366604	0.460864792			
512	32	3	20	1.376391273	0.460890649			
128	2048	1	25	1.376498069	0.461002586			
8	32	5	16	1.376512573	0.461017788			
8	1	1	7	1.376780873	0.46129896			
64	8	12	19	1.376830694	0.461351165			
1024	1024	2	25	1.376835305	0.461355997			
16	32	7	18	1.376836315	0.461357055			
2048	256	4	25	1.37688973	0.461413024			
32	4	11	16	1.376898787	0.461422513			
512	64	1	20	1.376930543	0.461455787			
2	64	12	25	1.377080605	0.461613007			
2	64	11	24	1.377107403	0.461641082			
512	64	5	21	1.377143132	0.461678512			
2	64	10	23	1.377144284	0.461679719			
4	64	12	25	1.377151626	0.461687411			
64	16	4	15	1.377158733	0.461694856			
32	32	9	20	1.37716996	0.461706617			
2	64	9	22	1.377195032	0.461732882			
4	64	11	24	1.377205119	0.461743448			
2	64	8	21	1.377264851	0.461806019			
4	64	10	23	1.377278695	0.461820521			
128	8	5	16	1.377288084	0.461830356			
8	64	12	25	1.377293275	0.461835794			
16	1	9	11	1.377322116	0.461866004			
2	64	7	20	1.377360886	0.461906613			
4	64	9	22	1.377379867	0.461926494			
8	64	11	24	1.377399846	0.461947421			
64	64	3	17	1.377412003	0.461960154			
512	128	5	22	1.377415815	0.461964147			
8	1	5	8	1.377428659	0.461977599			
128	512	1	21	1.3774791	0.462030429			
2	64	6	19	1.377492946	0.462044931			
4	64	8	21	1.377518933	0.462072148			
8	64	10	23	1.377546267	0.462100775			
32	1	2	11	1.37754663	0.462101155			

16	64	12	25	1.377575013	0.46213088			
128	8	8	17	1.377591819	0.46214848			
2	64	5	18	1.377674497	0.462235063			
4	64	7	20	1.377710007	0.462272248			
64	16	11	20	1.377735803	0.462299261			
8	64	9	22	1.377747322	0.462311323			
16	64	11	24	1.377786523	0.462352372			
2048	512	2	25	1.377844903	0.4624135			
16	1	2	9	1.377849443	0.462418254			
8	2	8	11	1.377854484	0.462423532			
128	32	13	24	1.377865018	0.462434562			
256	256	1	20	1.377912996	0.462484797			
2	64	4	17	1.377924009	0.462496327			
4	64	6	19	1.377972409	0.462547002			
8	64	8	21	1.378023204	0.462600181			
256	512	3	23	1.378035273	0.462612817			
16	64	10	23	1.37807649	0.462655967			
1024	32	9	23	1.378105684	0.46268653			
32	64	12	25	1.378132365	0.46271446			
8	2	5	9	1.378264059	0.462852318			
2	64	3	16	1.378266821	0.462855208			
4	32	2	13	1.378312601	0.462903129			
512	32	11	23	1.378320387	0.462911277			
4	64	5	18	1.378332568	0.462924027			
2	8	1	8	1.37833299	0.46292447			
8	64	7	20	1.378401446	0.46299612			
128	16	3	16	1.378440969	0.463037486			
16	64	9	22	1.378473566	0.463071602			
128	16	13	22	1.37848086	0.463079236			
32	64	11	24	1.378549036	0.463150586			
2048	128	1	24	1.378693715	0.463301989			
8	32	4	15	1.378710848	0.463319917			
2	64	2	15	1.378737703	0.463348019			
128	64	5	19	1.378740103	0.46335053			
64	4	13	18	1.378802599	0.463415923			
4	64	4	17	1.378826612	0.463441048			

8	64	6	19	1.378919534	0.463538272			
256	2048	1	25	1.378930273	0.463549507			
16	64	8	21	1.379016583	0.463639805			
1024	128	7	24	1.379044915	0.463669445			
32	64	10	23	1.379117865	0.463745761			
16	32	6	17	1.379118235	0.463746148			
256	8	16	23	1.37921182	0.463844043			
64	64	12	25	1.379223482	0.463856242			
1024	64	7	23	1.379382131	0.464022183			
2	64	1	14	1.379384425	0.464024582			
1024	32	5	22	1.379414409	0.464055942			
512	256	3	22	1.379420897	0.464062728			
4	64	3	16	1.379503924	0.46414956			
32	32	8	19	1.379533898	0.464180907			
128	32	1	16	1.379569531	0.464218171			
4	16	2	11	1.37957891	0.464227979			
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64	32	2	15	1.37966426	0.464317231			
1024	32	13	25	1.379735696	0.464391929			
4	4	1	7	1.379744313	0.464400939			
16	64	7	20	1.37975801	0.464415261			
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1024	64	3	22	1.379853915	0.464515538			
32	64	9	22	1.379892764	0.464556155			
128	16	6	17	1.379901426	0.464565211			
512	256	1	21	1.379953067	0.464619201			
64	32	10	21	1.379956913	0.464623222			
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1	1	3	4	1.380277569	0.464958417		meru 4	
1024	128	1	22	1.380301449	0.464983377			
256	8	10	19	1.380355871	0.465040258			
128	32	12	23	1.380386314	0.465072076			
4	64	2	15	1.380432051	0.465119876			
8	16	4	13	1.380435241	0.46512321			
8	64	4	17	1.380597302	0.46529257			

1024	128	5	23	1.380618029	0.465314229			
64	128	1	17	1.380668918	0.465367405			
32	2	1	11	1.380701364	0.465401309			
256	8	7	18	1.380706265	0.465406429			
256	1024	1	23	1.380755906	0.465458298			
16	64	6	19	1.380768534	0.465471493			
256	32	14	25	1.380821101	0.465526417			
1024	256	5	24	1.380841972	0.465548223			
32	64	8	21	1.380945747	0.465656641			
16	2	10	13	1.381033726	0.465748552			
64	64	10	23	1.381128913	0.465847986			
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512	1024	3	25	1.381216142	0.4659391			
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8	8	5	12	1.381236812	0.46596069			
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128	64	12	25	1.381317984	0.466045471			
2048	64	9	25	1.381387696	0.466118278			
64	2	1	13	1.381493687	0.46622897			
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256	16	5	18	1.381630222	0.466371546			
8	32	3	14	1.38167851	0.466421968			
4	64	1	14	1.381703588	0.466448152			
128	128	3	19	1.381735355	0.466481321			
1024	256	3	23	1.381809051	0.466558267			
8	64	3	16	1.381920114	0.466674219			
128	32	4	17	1.38201061	0.466768691			
32	16	8	17	1.382113919	0.466876533			
32	1	11	13	1.382116504	0.466879232			
4	128	8	23	1.382128841	0.466892109			
16	64	5	18	1.382143143	0.466907037			
16	32	5	16	1.382175317	0.46694062			
4	128	7	22	1.382211118	0.466977988			
256	16	8	19	1.382296454	0.467067056			
2	4	2	7	1.382298003	0.467068673			
8	128	8	23	1.382343796	0.467116466			

2048	64	5	24	1.38236479	0.467138376			
32	64	7	20	1.382372515	0.467146439			
1024	64	11	25	1.382381984	0.467156321			
2048	128	7	25	1.382459758	0.467237485			
8	128	7	22	1.382507566	0.467287376			
64	64	9	22	1.382608044	0.467392224			
32	32	7	18	1.382675784	0.467462907			
4	128	4	19	1.3826974	0.467485461			
16	2	7	11	1.382734629	0.467524305			
256	128	5	21	1.382766078	0.467557117			
16	128	8	23	1.382770727	0.467561967			
128	64	11	24	1.382849507	0.467644159			
64	16	10	19	1.382930651	0.467728812			
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16	128	7	22	1.383095192	0.467900454			
2048	256	1	24	1.3831134	0.467919446			
64	2	2	13	1.383173943	0.467982596			
64	32	9	20	1.383178551	0.467987403			
4	128	2	17	1.383405856	0.468224469			
256	64	1	18	1.38343173	0.468251452			
8	128	4	19	1.383472267	0.468293724			
512	2048	1	25	1.383496044	0.468318518			
16	1	7	10	1.383574733	0.468400572			
32	128	8	23	1.383612957	0.468440429			
8	64	2	15	1.383724603	0.468556838			
512	128	7	23	1.383759239	0.46859295			
32	8	9	16	1.383854212	0.468691964			
128	64	2	17	1.383930144	0.468771123			
32	1	4	11	1.383937882	0.468779189			
4	128	1	16	1.383971508	0.468814242			
16	64	4	17	1.384009272	0.468853609			
1024	1024	1	24	1.384046272	0.468892177			
256	32	6	19	1.384090199	0.468937965			
256	32	13	24	1.384185712	0.469037518			
32	128	7	22	1.38424999	0.469104511			
32	64	6	19	1.384299645	0.469156262			

128	256	1	19	1.384302767	0.469159515			
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512	16	10	21	1.384399879	0.46926072			
2048	512	3	25	1.384502674	0.46936784			
256	16	14	23	1.384508182	0.469373579			
32	2	2	11	1.384520351	0.46938626			
4	4	4	9	1.384574997	0.469443201			
64	64	8	21	1.384595287	0.469464343			
1024	128	9	25	1.384713785	0.469587808			
8	128	2	17	1.384870438	0.469751011			
128	64	10	23	1.38489574	0.469777369			
16	128	4	19	1.384994059	0.469879788			
8	4	1	8	1.385008603	0.469894938			
64	8	11	18	1.385055384	0.469943666			
16	2	1	9	1.385149984	0.4700422			
256	64	12	25	1.385200519	0.470094833			
64	128	8	23	1.385253014	0.470149506			
512	16	16	25	1.385265963	0.470162992			
2048	1024	1	25	1.385468802	0.470374225			
64	2	3	13	1.385492231	0.470398621			
8	32	2	13	1.385683752	0.470598036			
256	64	4	19	1.385741753	0.470658422			
512	64	3	20	1.385796843	0.470715775			
128	4	1	15	1.385824196	0.47074425			
64	4	1	13	1.385836411	0.470756967			
8	256	8	25	1.385861336	0.470782914			
8	256	7	24	1.385933289	0.470857816			
512	32	8	21	1.385940019	0.470864821			
512	256	5	23	1.385973584	0.470899761			
8	128	1	16	1.385982346	0.470908881			
8	256	6	23	1.386032866	0.470961467			
64	2	14	17	1.386037796	0.470966599			
16	256	8	25	1.38604753	0.470976731			
4	16	1	10	1.386094488	0.471025607			
8	256	5	22	1.386170627	0.471104853			
8	64	1	14	1.386185214	0.471120035			

128	8	13	20	1.386187384	0.471122293			
16	256	7	24	1.386190798	0.471125846			
32	2	9	13	1.386240546	0.471177622			
16	32	4	15	1.386261108	0.471199021			
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16	256	6	23	1.386388818	0.471331924			
32	256	8	25	1.386417539	0.47136181			
64	128	7	22	1.386482483	0.471429389			
512	128	1	20	1.386519269	0.471467666			
16	64	3	16	1.386537954	0.471487109			
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8	256	3	20	1.38662451	0.471577167			
16	256	5	22	1.386662345	0.471616531			
32	256	7	24	1.38670156	0.47165733			
1024	256	7	25	1.386770305	0.47172885			
32	32	6	17	1.386833393	0.47179448			
32	64	5	18	1.386893932	0.471857456			
16	4	5	11	1.386937057	0.471902315			
8	256	2	19	1.386988409	0.471955732			
16	256	4	21	1.387039894	0.472009283			
32	256	6	23	1.387093159	0.472064684			
64	256	8	25	1.387148245	0.472121977			
1024	32	7	22	1.387223233	0.472199966			
256	512	1	21	1.387226355	0.472203213			
64	64	7	20	1.387252439	0.47223034			
256	8	15	22	1.387253067	0.472230993			
256	128	2	19	1.387258903	0.472237062			
128	4	2	15	1.387304066	0.472284029			
64	32	8	19	1.387399155	0.472382911			
8	256	1	18	1.387490989	0.472478402			
16	256	3	20	1.387560594	0.472550775			
1024	32	10	23	1.387592064	0.472583495			
128	64	9	22	1.387612772	0.472605025			
32	256	5	22	1.387632433	0.472625466			
64	256	7	24	1.387706537	0.472702508			
16	128	2	17	1.38771891	0.472715372			

1024	64	5	22	1.387839492	0.472840726			
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16	16	5	14	1.387889236	0.472892434			
512	512	3	23	1.387916556	0.472920833			
32	128	4	19	1.387932455	0.47293736			
128	32	10	21	1.387957106	0.472962983			
256	64	11	24	1.387974233	0.472980786			
8	1	2	7	1.388034711	0.473043646			
2	1	5	6	1.388093509	0.473104758			
16	256	2	19	1.388278085	0.473296582			
128	128	8	23	1.388370678	0.473392801			
32	256	4	21	1.38837403	0.473396285			
16	4	8	13	1.38838799	0.473410791			
1024	128	3	22	1.388446897	0.473472			
64	256	6	23	1.388472662	0.473498771			
256	32	12	23	1.388506122	0.473533538			
128	256	8	25	1.388573982	0.473604045			
512	128	4	21	1.388699582	0.473734535			
64	2	4	13	1.388705187	0.473740357			
32	16	7	16	1.388736456	0.473772842			
1024	64	8	23	1.388842601	0.473883106			
16	4	3	10	1.388928281	0.473972106			
16	512	6	25	1.388968568	0.474013952			
1024	256	1	22	1.389043946	0.474092243			
512	32	14	25	1.38904524	0.474093588			
64	2	11	15	1.389057251	0.474106062			
16	512	5	24	1.38909149	0.474141623			
64	4	2	13	1.389123747	0.474175124			
256	8	1	17	1.389142439	0.474194537			
32	1	5	11	1.389146116	0.474198355			
16	512	4	23	1.38926185	0.474318546			
16	256	1	18	1.389265861	0.474322711			
32	512	6	25	1.389283834	0.474341375			
32	256	3	20	1.389392264	0.474453969			
16	512	3	22	1.389497845	0.474563598			
64	256	5	22	1.389521609	0.47458827			

32	512	5	24	1.389527968	0.474594873			
32	4	7	13	1.389562091	0.474630301			
128	8	1	15	1.389606969	0.474676895			
2048	64	7	24	1.389618394	0.474688756			
512	1024	1	23	1.389629362	0.474700143			
128	256	7	24	1.389653846	0.474725562			
32	2	3	11	1.389810647	0.474888338			
16	512	2	21	1.389824589	0.474902811			
32	512	4	23	1.389865667	0.474945451			
16	128	1	16	1.389869669	0.474949605			
64	512	6	25	1.389908017	0.474989409			
512	256	2	21	1.389928645	0.475010821			
16	64	2	15	1.389959505	0.475042853			
1024	128	6	23	1.390011364	0.475096678			
32	2	7	12	1.390086195	0.475174343			
2048	128	5	24	1.390135316	0.475225322			
1024	1024	3	25	1.390202089	0.475294618			
16	8	3	11	1.390239421	0.475333359			
16	512	1	20	1.390276716	0.475372061			
128	16	11	20	1.39032777	0.475425039			
32	512	3	22	1.390332364	0.475429805			
32	64	4	17	1.390374865	0.475473907			
64	512	5	24	1.39038961	0.475489207			
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256	8	2	17	1.390464285	0.475566688			
128	128	7	22	1.390671737	0.475781918			
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16	8	1	10	1.391048923	0.47617316			
64	512	4	23	1.391053289	0.476177689			
256	16	13	22	1.391072208	0.476197309			
8	32	1	12	1.391095639	0.47622161			
1024	256	4	23	1.391101584	0.476227775			

128	256	6	23	1.391122812	0.47624979			
128	512	6	25	1.391131835	0.476259148			
2048	512	1	24	1.391146807	0.476274675			
128	64	8	21	1.391196357	0.47632606			
2048	128	8	25	1.391208073	0.47633821			
256	256	8	25	1.391294043	0.476427359			
64	4	12	17	1.391414873	0.476552647			
256	64	10	23	1.391601007	0.476745628			
32	1024	4	25	1.391615393	0.476760542			
1024	2048	1	25	1.391639453	0.476785485			
16	32	3	14	1.391713397	0.47686214			
512	16	1	19	1.391766193	0.476916868			
32	512	1	20	1.391865184	0.477019478			
32	4	5	12	1.39194509	0.477102301			
64	512	3	22	1.391966316	0.4771243			
512	64	12	25	1.392000721	0.477159959			
8	8	4	11	1.392068292	0.477229989			
128	512	5	24	1.392069563	0.477231306			
1024	512	2	23	1.392117377	0.477280858			
32	1024	2	23	1.392125626	0.477289407			
64	1024	4	25	1.39215916	0.477324159			
128	4	4	15	1.39217647	0.477342096			
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32	8	5	13	1.392254917	0.477423388			
256	8	3	17	1.392290174	0.477459921			
32	32	5	16	1.392313368	0.477483955			
128	8	2	15	1.392491655	0.477668681			
256	16	1	17	1.392493089	0.477670167			
32	1024	1	22	1.392536486	0.477715128			
128	4	14	19	1.392696869	0.477881279			
32	256	1	18	1.392698036	0.477882488			
16	16	1	11	1.392876975	0.478067839			
64	2	9	14	1.392885265	0.478076425			
64	32	7	18	1.392894929	0.478086435			
64	256	3	20	1.39290478	0.478096638			
512	16	2	19	1.392960319	0.47815416			

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2048	512	4	25	1.393090782	0.478289276			
128	256	5	22	1.39311308	0.478312368			
32	128	2	17	1.393120935	0.478320502			
16	1	4	9	1.39313406	0.478334094			
64	1024	2	23	1.393166636	0.478367829			
64	2	5	13	1.393191718	0.478393802			
16	8	6	13	1.393197264	0.478399544			
64	512	2	21	1.393219933	0.478423019			
128	1024	4	25	1.39322923	0.478432646			
256	256	7	24	1.393322695	0.478529426			
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64	128	4	19	1.393433989	0.47864466			
128	32	9	20	1.393457698	0.478669207			
256	512	6	25	1.393487549	0.478700112			
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32	8	8	15	1.394233143	0.479471828			
64	2048	1	24	1.3944064	0.479651097			
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512	32	13	24	1.394526359	0.479775204			
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64	256	2	19	1.395553366	0.480837294			
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32	128	1	16	1.397161584	0.482498881			
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128	512	2	21	1.397482853	0.482830581			
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64	32	1	14	1.39782778	0.483186624			
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128	32	5	17	1.398426186	0.483804105			
128	16	10	19	1.398562269	0.483944489			
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8	256	9	25	1.414335459	0.500124346			
8	128	11	25	1.414352831	0.500142067			
4	128	9	23	1.414352858	0.500142094			
4	8	19	25	1.414375922	0.50016562			
2	8	17	23	1.414375959	0.500165657			
8	64	13	25	1.414375977	0.500165676			
4	64	11	23	1.414376015	0.500165714			
4	32	13	23	1.414408405	0.500198752			
2	32	11	21	1.414408458	0.500198807			
1	32	9	19	1.414408512	0.500198862			
16	512	7	25	1.414430062	0.500220843			
2	2	23	25	1.414456719	0.500248032			
4	4	21	25	1.41445676	0.500248074			
1	2	21	23	1.414456802	0.500248117			
2	4	19	23	1.414456844	0.500248159			
8	16	17	25	1.414456844	0.500248159			

1	4	17	21	1.414456927	0.500248245			
4	16	15	23	1.414456927	0.500248245			
2	16	13	21	1.414457011	0.50024833			
16	256	9	25	1.414457011	0.50024833			
1	16	11	19	1.414457094	0.500248415			
8	256	7	23	1.414457094	0.500248415			
16	128	11	25	1.414491622	0.500283632			
8	128	9	23	1.414491731	0.500283743			
8	8	19	25	1.414537484	0.500330408			
4	8	17	23	1.414537632	0.500330558			
16	64	13	25	1.414537706	0.500330634			
8	64	11	23	1.414537854	0.500330785			
1	8	13	19	1.414537928	0.50033086			
2	64	7	19	1.414538151	0.500331087			
8	32	13	23	1.414602313	0.500396525			
4	32	11	21	1.414602526	0.500396742			
2	32	9	19	1.414602739	0.50039696			
1	32	7	17	1.414602952	0.500397178			
32	512	7	25	1.41464554	0.50044061			
16	512	5	23	1.414645803	0.500440878			
4	2	23	25	1.41469793	0.500494038			
8	4	21	25	1.414698095	0.500494206			
2	2	21	23	1.414698259	0.500494374			
4	4	19	23	1.414698424	0.500494542			
16	16	17	25	1.414698424	0.500494542			
1	2	19	21	1.41469859	0.50049471			
2	4	17	21	1.414698755	0.500494879			
8	16	15	23	1.414698755	0.500494879			
32	256	9	25	1.414699085	0.500495216			
1	4	15	19	1.414699086	0.500495217			
4	16	13	21	1.414699086	0.500495217			
16	256	7	23	1.414699417	0.500495554			
2	16	11	19	1.414699418	0.500495555			
1	16	9	17	1.41469975	0.500495894			
8	256	5	21	1.41469975	0.500495894			
32	128	11	25	1.414767784	0.500565273			

16	128	9	23	1.414768216	0.500565713			
4	128	5	19	1.414769083	0.500566597			
16	8	19	25	1.414858256	0.500657527			
8	8	17	23	1.414858838	0.500658121			
32	64	13	25	1.41485913	0.500658418			
16	64	11	23	1.414859715	0.500659015			
2	8	13	19	1.414860008	0.500659314			
1	8	11	17	1.414860596	0.500659914			
4	64	7	19	1.41486089	0.500660213			
2	64	5	17	1.41486148	0.500660815			
64	2048	3	25	1.414919021	0.500719486			
16	32	13	23	1.414987368	0.500789174			
8	32	11	21	1.414988208	0.500790031			
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32	1024	3	23	1.41498947	0.500791317			
2	32	7	17	1.414989896	0.500791752			
64	512	7	25	1.415073473	0.500876963			
32	512	5	23	1.415074511	0.50087802			
8	2	23	25	1.415174658	0.500980118			
16	4	21	25	1.415175301	0.500980774			
4	2	21	23	1.415175946	0.500981431			
32	16	17	25	1.41517659	0.500982089			
8	4	19	23	1.415176591	0.500982089			
2	2	19	21	1.415177239	0.500982749			
16	16	15	23	1.415177886	0.500983409			
4	4	17	21	1.415177887	0.50098341			
1	2	17	19	1.415178537	0.500984073			
64	256	9	25	1.415179183	0.500984732			
8	16	13	21	1.415179187	0.500984736			
2	4	15	19	1.415179188	0.500984737			
32	256	7	23	1.41518049	0.500986064			
4	16	11	19	1.415180493	0.500986067			
1	4	13	17	1.415180494	0.500986068			
16	256	5	21	1.415181801	0.5009874			
2	16	9	17	1.415181805	0.500987404			
8	256	3	19	1.415183118	0.500988743			

1	16	7	15	1.415183121	0.500988747			
64	128	11	25	1.415314532	0.501122706			
32	128	9	23	1.415316227	0.501124433			
8	128	5	19	1.415319639	0.501127911			
4	128	3	17	1.415321357	0.501129663			
32	8	19	25	1.415490619	0.501302188			
16	8	17	23	1.415492887	0.5013045			
64	64	13	25	1.415494021	0.501305655			
32	64	11	23	1.415496306	0.501307984			
4	8	13	19	1.415497458	0.501309159			
2	8	11	17	1.415499762	0.501311507			
128	4096	1	25	1.415500895	0.501312661			
8	64	7	19	1.415500914	0.501312681			
4	64	5	17	1.415503237	0.501315048			
128	2048	3	25	1.415615121	0.501429077			
64	2048	1	23	1.415617869	0.501431877			
32	32	13	23	1.415746707	0.501563174			
16	32	11	21	1.415749978	0.501566507			
8	32	9	19	1.41575327	0.501569862			
64	1024	3	23	1.415754901	0.501571524			
4	32	7	17	1.415756583	0.501573238			
32	1024	1	21	1.415758224	0.501574911			
1	32	3	13	1.415763273	0.501580055			
128	512	7	25	1.415917537	0.501737245			
64	512	5	23	1.41592158	0.501741364			
16	512	1	19	1.415929752	0.501749691			
16	2	23	25	1.416106255	0.50192952			
32	4	21	25	1.416108713	0.501932023			
8	2	21	23	1.416111183	0.50193454			
64	16	17	25	1.416113652	0.501937056			
16	4	19	23	1.416113659	0.501937063			
4	2	19	21	1.416116149	0.501939599			
32	16	15	23	1.416118638	0.501942135			
8	4	17	21	1.416118644	0.501942141			
2	2	17	19	1.416121153	0.501944697			
128	256	9	25	1.416123635	0.501947225			

16	16	13	21	1.416123662	0.501947253			
4	4	15	19	1.416123669	0.50194726			
1	2	15	17	1.416126197	0.501949836			
64	256	7	23	1.416128698	0.501952384			
8	16	11	19	1.416128726	0.501952412			
2	4	13	17	1.416128733	0.501952419			
32	256	5	21	1.416133802	0.501957583			
4	16	9	17	1.41613383	0.501957612			
1	4	11	15	1.416133837	0.501957619			
16	256	3	19	1.416138946	0.501962824			
2	16	7	15	1.416138975	0.501962853			
8	256	1	17	1.416144132	0.501968108			
1	16	5	13	1.416144161	0.501968136			
128	128	11	25	1.416386489	0.502214987			
64	128	9	23	1.416393016	0.502221635			
16	128	5	19	1.416406246	0.50223511			
8	128	3	17	1.416412951	0.50224194			
4	128	1	15	1.416419718	0.502248833			
64	8	19	25	1.416720421	0.502555082			
32	8	17	23	1.416729019	0.502563837			
128	64	13	25	1.416733316	0.502568213			
64	64	11	23	1.416742046	0.502577102			
8	8	13	19	1.41674648	0.502581618			
4	8	11	17	1.416755346	0.502590646			
256	4096	1	25	1.416759633	0.502595012			
16	64	7	19	1.416759778	0.502595159			
4096	128	1	24	1.416768637	0.50260418			
8	64	5	17	1.416768784	0.50260433			
1	8	7	13	1.41677336	0.50260899			
2	64	1	13	1.416787084	0.502622965			
256	2048	3	25	1.416980281	0.502819682			
128	2048	1	23	1.416990877	0.50283047			
2048	64	1	22	1.417001594	0.502841381			
64	32	13	23	1.417224341	0.503068149			
32	32	11	21	1.417236763	0.503080794			
16	32	9	19	1.417249338	0.503093596			

128	1024	3	23	1.417255513	0.503099882			
8	32	7	17	1.41726207	0.503106556			
64	1024	1	21	1.417268322	0.50311292			
1024	32	1	20	1.417281292	0.503126123			
2	32	3	13	1.417288018	0.503132969			
1	32	1	11	1.417301241	0.503146429			
256	512	7	25	1.41756061	0.503410422			
128	512	5	23	1.417575978	0.503426061			
32	512	1	19	1.417607351	0.50345799			
512	16	1	18	1.417623368	0.50347429			
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2048	2048	2	25	1.417737201	0.503590133			
4096	512	4	25	1.417737697	0.503590637			
4096	256	6	25	1.417840918	0.503695671			
32	2	23	25	1.417888686	0.503744275			
64	4	21	25	1.417897697	0.503753444			
16	2	21	23	1.417906797	0.503762703			
128	16	17	25	1.417915892	0.503771957			
32	4	19	23	1.41791594	0.503772006			
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64	16	15	23	1.417934403	0.503790791			
16	4	17	21	1.417934452	0.503790841			
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256	256	9	25	1.41795299	0.503809703			
32	16	13	21	1.417953189	0.503809906			
8	4	15	19	1.417953239	0.503809957			
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128	256	7	23	1.417972055	0.503829101			
16	16	11	19	1.417972259	0.503829309			
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64	256	5	21	1.417991412	0.503848795			
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32	256	3	19	1.418011067	0.503868792			
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32	128	5	19	1.418523986	0.504390545			
16	128	3	17	1.418549555	0.50441655			
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128	4	1	14	1.418602075	0.504469963			
1024	256	6	23	1.41860666	0.504474626			
512	128	2	19	1.41876405	0.504634679			
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1024	32	8	21	1.418769404	0.504640123			
256	256	2	19	1.418936081	0.504809601			
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1024	128	8	23	1.418942029	0.504815649			
128	8	19	25	1.419052986	0.50492846			
64	8	17	23	1.419084081	0.504960072			
256	64	13	25	1.419099604	0.504975853			
512	32	6	19	1.419125209	0.505001884			
128	64	11	23	1.419131591	0.505008371			

2048	64	12	25	1.419137245	0.505014119			
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32	64	7	19	1.419197458	0.50507533			
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256	128	4	19	1.419323866	0.505203825			
512	16	8	19	1.419329943	0.505210003			
1024	64	10	23	1.419334422	0.505214555			
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256	32	4	17	1.419541924	0.505425457			
512	64	8	21	1.419548747	0.505432392			
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256	16	6	17	1.419782685	0.505670125			
1024	32	12	23	1.419800237	0.50568796			
128	32	13	23	1.420029983	0.505921392			
128	32	2	15	1.420036854	0.505928372			
128	64	4	17	1.420039081	0.505930635			
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32	32	9	19	1.420121129	0.506013989			
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1024	64	1	20	1.420239886	0.506134629			

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1024	32	3	20	1.420289933	0.506185466			
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256	512	5	23	1.420737775	0.506640302			
64	512	1	19	1.420853784	0.506758098			
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32	2	21	23	1.42123673	0.507146879			
256	16	17	25	1.42126799	0.50717861			
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32	4	17	21	1.421332879	0.507244476			
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32	32	2	13	1.421371719	0.507283899			
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128	16	8	17	1.421392451	0.507304943			
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64	16	13	21	1.421398861	0.507311448			
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256	256	7	23	1.421465594	0.507379179			
32	16	11	19	1.421467007	0.507380614			
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128	256	5	21	1.421535612	0.507450241			
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32	256	1	17	1.421681816	0.507598614			
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256	8	3	16	1.421836986	0.507756069			
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256	8	12	19	1.42186502	0.507784514			
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32	8	2	11	1.42229842	0.508224196			
32	16	4	13	1.422304373	0.508230235			
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128	8	10	17	1.422346394	0.508272858			
256	128	9	23	1.422377799	0.508304711			
64	128	5	19	1.422555585	0.508485294			
32	128	3	17	1.422649244	0.508580008			
16	128	1	15	1.422745781	0.508677902			
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32	4	4	11	1.422865329	0.508799121			
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256	8	19	25	1.423290952	0.509230611			
128	8	17	23	1.423394775	0.509335845			
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32	8	6	13	1.423524941	0.50946777			
32	2	6	11	1.423525181	0.509468013			
256	64	11	23	1.423555489	0.509498729			

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32	8	13	19	1.423613126	0.50955714			
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1024	4096	1	25	1.423778116	0.509724332			
64	64	7	19	1.423785329	0.50973164			
4096	512	1	24	1.42389902	0.509846837			
32	64	5	17	1.423906597	0.509854514			
4	8	7	13	1.423970887	0.509919651			
2	8	5	11	1.424099287	0.510049733			
4096	128	5	24	1.424154878	0.510106049			
8	64	1	13	1.424163274	0.510114554			
16	4	2	9	1.424246985	0.510199352			
16	8	4	11	1.424258354	0.510210869			
64	4	1	12	1.424299351	0.510252395			
32	1	8	11	1.424305012	0.510258129			
1024	2048	3	25	1.424506522	0.510462227			
512	2048	1	23	1.424644936	0.510602402			
2048	256	1	22	1.424788913	0.510748196			
2048	128	3	22	1.424938858	0.510900017			
4096	2048	1	25	1.425082609	0.511045551			
2048	64	5	22	1.42509522	0.511058319			
8	8	2	9	1.425123548	0.511086996			
256	32	13	23	1.425136253	0.511099858			
16	2	4	9	1.425138313	0.511101943			
32	4	8	13	1.425197247	0.511161602			
128	32	11	21	1.425287342	0.5112528			
64	32	9	19	1.425444621	0.511411991			
4096	1024	3	25	1.425466814	0.511434452			
512	1024	3	23	1.425517578	0.511485829			
32	32	7	17	1.425608548	0.511577892			
2048	2048	1	24	1.425628694	0.51159828			
256	1024	1	21	1.425684536	0.511654789			
1024	128	1	20	1.425858882	0.511831204			
8	32	3	13	1.425958439	0.511931933			
1024	64	3	20	1.426041208	0.512015671			
2048	1024	1	23	1.426049176	0.512023733			

4	32	1	11	1.426145604	0.512121283			
16	4	6	11	1.426219544	0.512196079			
4096	256	7	25	1.426337676	0.512315571			
32	2	1	10	1.426341842	0.512319784			
1024	512	7	25	1.426365472	0.512343685			
2048	512	3	23	1.426506596	0.512486418			
32	1	3	10	1.426547958	0.512528248			
512	512	5	23	1.426552918	0.512533265			
1024	1024	1	22	1.426699616	0.512681615			
4096	128	9	25	1.426835048	0.512818559			
2048	512	5	24	1.426919618	0.512904066			
128	512	1	19	1.426954293	0.512939125			
2048	256	5	23	1.42700661	0.512992017			
64	2	21	23	1.42707481	0.513060966			
512	64	1	18	1.427169737	0.513156928			
512	16	17	25	1.427171133	0.513158339			
128	4	19	23	1.42717295	0.513160176			
1024	512	1	21	1.427204444	0.513192012			
32	2	19	21	1.427274172	0.513262496			
256	16	15	23	1.427374786	0.513364193			
64	4	17	21	1.427376716	0.513366144			
1024	512	3	22	1.427431623	0.513421639			
8	2	2	7	1.427433875	0.513423915			
8	4	4	9	1.427459865	0.513450183			
16	2	17	19	1.427482572	0.513473132			
2048	128	7	23	1.427556192	0.513547535			
1024	256	9	25	1.427579628	0.513571219			
128	16	13	21	1.427587821	0.513579499			
32	4	15	19	1.427589874	0.513581573			
512	16	5	18	1.427634685	0.513626858			
32	2	10	13	1.427646612	0.51363891			
2048	256	7	24	1.427692089	0.513684866			
8	2	15	17	1.427700744	0.513693613			
512	256	7	23	1.427802283	0.513796214			
64	16	11	19	1.427811015	0.513805037			
16	4	13	17	1.427813203	0.513807248			

4	2	13	15	1.427929517	0.513924769			
512	512	1	20	1.427992292	0.513988192			
256	256	5	21	1.428035914	0.514032262			
32	16	9	17	1.428045242	0.514041686			
8	4	11	15	1.42804758	0.514044048			
2048	64	9	23	1.428164067	0.514161725			
2	2	11	13	1.42816982	0.514167537			
1024	256	5	22	1.428262716	0.514261374			
128	256	3	19	1.428281501	0.514280349			
16	16	7	15	1.42829149	0.514290439			
4	4	9	13	1.428293994	0.514292968			
1024	128	5	21	1.428369202	0.514368933			
1	2	9	11	1.428422709	0.514422975			
64	256	1	17	1.428540157	0.514541591			
8	16	5	13	1.428550882	0.514552423			
2	4	7	11	1.42855357	0.514555137			
512	256	1	19	1.42860965	0.514611772			
256	32	1	16	1.428813148	0.514817261			
4	16	3	11	1.428824696	0.514828922			
1	4	5	9	1.428827591	0.514831844			
512	256	3	20	1.428889966	0.514894823			
4	4	2	7	1.428999682	0.515005595			
8	1	4	7	1.42903655	0.515042816			
1024	128	11	25	1.429072548	0.515079158			
256	16	3	16	1.429101931	0.515108821			
2	16	1	9	1.429114404	0.515121412			
16	2	8	11	1.429184552	0.515192225			
1024	128	7	22	1.429216151	0.515224123			
512	128	3	19	1.429293734	0.515302435			
512	128	9	23	1.429341716	0.515350866			
256	8	5	16	1.429408187	0.515417957			
16	1	1	8	1.429421705	0.5154316			
256	256	1	18	1.429583558	0.515594947			
2048	64	11	24	1.429596171	0.515607676			
128	128	5	19	1.429924532	0.515939007			
512	64	5	19	1.430057307	0.516072962			

64	128	3	17	1.430241156	0.516258424			
1024	64	9	22	1.430323616	0.516341599			
256	128	1	17	1.430355751	0.516374012			
32	128	1	15	1.430576955	0.516597107			
256	8	17	23	1.430805383	0.516827451			
512	32	7	19	1.430916912	0.516939903			
128	16	1	14	1.430934059	0.51695719			
1024	64	13	25	1.430956728	0.516980045			
512	64	7	20	1.431130523	0.517155256			
256	64	3	17	1.431222273	0.517247744			
512	64	11	23	1.431289351	0.517315359			
128	8	3	14	1.431314957	0.517341168			
64	8	13	19	1.431472411	0.517499865			
128	128	1	16	1.43159039	0.517618764			
32	1	12	13	1.431644822	0.517673618			
128	4	5	14	1.43172259	0.517751984			
32	8	11	17	1.431835613	0.517865869			
512	16	9	19	1.431894487	0.517925188			
2048	4096	1	25	1.431971677	0.518002958			
128	64	7	19	1.432014708	0.51804631			
256	64	5	18	1.432031802	0.518063532			
256	32	5	17	1.432203731	0.51823673			
4096	1024	1	24	1.432365012	0.518399184			
64	64	5	17	1.432411841	0.51844635			
512	32	9	20	1.432561225	0.518596798			
128	64	1	15	1.432583933	0.518619666			
8	8	7	13	1.432632501	0.518668577			
128	64	3	16	1.433046606	0.51908553			
4	8	5	11	1.433071776	0.519110869			
2048	2048	3	25	1.433139668	0.519179216			
4096	256	5	24	1.433232761	0.519272927			
16	64	1	13	1.433288912	0.519329447			
256	16	7	17	1.433327799	0.519368588			
1024	2048	1	23	1.433578165	0.519620569			
4	1	2	5	1.433591729	0.519634219			
256	32	7	18	1.433608137	0.519650731			

4	2	4	7	1.433673589	0.519716597			
4096	128	7	24	1.433714037	0.519757299			
64	8	1	12	1.433775964	0.519819612			
512	32	13	23	1.433840314	0.519884361			
2048	512	1	22	1.434046829	0.520092136			
1	8	1	7	1.434049986	0.520095312			
64	64	1	14	1.434200044	0.520246267			
16	1	10	11	1.434282663	0.520329373			
256	32	11	21	1.43429026	0.520337015			
512	16	11	20	1.434292149	0.520338914			
2048	256	3	22	1.434549455	0.520597705			
256	8	9	17	1.434632772	0.520681492			
128	32	9	19	1.434770425	0.520819912			
4096	2048	2	25	1.434790009	0.520839604			
128	32	5	16	1.434795102	0.520844725			
64	2	5	12	1.434870499	0.520920535			
1024	1024	3	23	1.434976345	0.521026955			
2048	128	5	22	1.435090571	0.521141791			
64	32	7	17	1.435284496	0.52133673			
512	1024	1	21	1.435504242	0.521557594			
64	32	1	13	1.435525843	0.521579303			
2048	64	7	22	1.435675635	0.521729835			
4096	1024	4	25	1.435713302	0.521767686			
2048	512	7	25	1.436049942	0.522105923			
1024	256	1	20	1.436072146	0.52212823			
64	32	3	14	1.436154894	0.522211357			
16	32	3	13	1.436432718	0.522490419			
128	8	7	15	1.436558438	0.522616682			
1024	512	5	23	1.436608052	0.522666507			
128	4096	2	25	1.436623246	0.522681766			
2048	1024	2	23	1.436676671	0.522735415			
1024	128	3	20	1.436685634	0.522744415			
4096	512	6	25	1.436741938	0.522800954			
128	16	7	16	1.436942708	0.523002541			
128	4096	1	24	1.43702839	0.523088564			
64	16	3	13	1.437070647	0.523130987			

64	2	19	21	1.437072028	0.523132373			
8	32	1	11	1.437078453	0.523138824			
2	2	2	5	1.437156043	0.523216715			
512	16	15	23	1.437344832	0.523406219			
128	4	17	21	1.437354213	0.523415635			
256	4096	2	25	1.437545957	0.523608078			
32	2	17	19	1.437651082	0.523713576			
32	32	1	12	1.437732194	0.52379497			
32	4	1	10	1.437781835	0.523844782			
2048	512	4	23	1.437784103	0.523847058			
256	512	1	19	1.437855814	0.523919012			
8	1	8	9	1.437866425	0.523929658			
4096	256	8	25	1.437897677	0.523961015			
2048	256	9	25	1.437902225	0.523965578			
256	8	11	18	1.437935928	0.523999393			
256	16	13	21	1.437943294	0.524006784			
64	4	15	19	1.43795362	0.524017144			
1024	32	7	20	1.438078014	0.524141942			
64	2048	4	25	1.43824498	0.524309435			
16	2	15	17	1.438272604	0.524337143			
256	4096	1	24	1.438342436	0.524407189			
4096	128	1	23	1.438432165	0.524497187			
1024	256	7	23	1.438541317	0.524606658			
32	2	3	10	1.438552544	0.524617918			
512	128	1	18	1.438558179	0.524623568			
64	16	5	14	1.438577472	0.524642917			
128	16	11	19	1.438586729	0.5246522			
32	4	13	17	1.438598152	0.524663656			
128	2048	4	25	1.438738481	0.524804378			
64	2048	2	23	1.438772883	0.524838874			
64	8	5	13	1.438901334	0.524967669			
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1024	512	2	21	1.438944391	0.525010839			
2048	256	6	23	1.439031524	0.525098196			
64	2048	1	22	1.439218114	0.52528525			
512	256	5	21	1.439230785	0.525297951			

64	16	9	17	1.439281273	0.52534856			
16	4	11	15	1.43929398	0.525361297			
512	4096	2	25	1.439346561	0.525414001			
32	16	1	11	1.439589883	0.525657869			
4096	128	2	23	1.439607394	0.525675418			
128	8	9	16	1.439660671	0.525728808			
4	2	11	13	1.439666766	0.525734916			
256	2048	4	25	1.439711529	0.525779772			
128	2048	2	23	1.439781821	0.525850208			
256	256	3	19	1.439977866	0.526046636			
32	16	7	15	1.440034346	0.526103222			
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2048	128	11	25	1.440133905	0.526202961			
512	32	5	18	1.440163034	0.526232142			
1024	256	4	21	1.440297164	0.526366501			
2048	128	8	23	1.440451295	0.526520881			
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32	1024	6	25	1.440511214	0.526580891			
32	1024	5	24	1.440627376	0.526697225			
128	2048	1	22	1.440657194	0.526727086			
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128	256	1	17	1.440791399	0.526861474			
32	1024	4	23	1.440794358	0.526864436			
16	16	5	13	1.440855025	0.526925183			
4	4	7	11	1.440871058	0.526941236			
1024	128	9	23	1.440875139	0.526945323			
512	4096	1	24	1.440887318	0.526957517			
64	1024	5	24	1.44100542	0.527075762			
32	1024	3	22	1.441034256	0.527104632			
4096	256	1	23	1.441078154	0.527148579			
512	16	7	18	1.441089526	0.527159964			
64	4	7	13	1.441118296	0.527188766			
4096	128	3	23	1.441278643	0.527349279			
128	1024	6	25	1.441296614	0.527367268			
1	2	7	9	1.441315482	0.527386154			

64	1024	4	23	1.441336822	0.527407514			
32	1024	2	21	1.441378682	0.527449413			
512	2048	4	25	1.441604362	0.527675282			
256	64	1	16	1.44168232	0.527753296			
512	256	2	19	1.441721646	0.527792649			
256	2048	2	23	1.441750333	0.527821356			
128	1024	5	24	1.441753298	0.527824323			
8	16	3	11	1.44175457	0.527825595			
2	4	5	9	1.44177279	0.527843827			
64	1024	3	22	1.44181179	0.527882851			
32	8	3	11	1.44182008	0.527891146			
32	1024	1	20	1.441872787	0.527943884			
2048	64	2	21	1.442063772	0.528134966			
2048	64	10	23	1.442087643	0.528158848			
256	1024	6	25	1.442324307	0.528395592			
128	1024	4	23	1.442406131	0.528477434			
64	1024	2	21	1.442491622	0.52856294			
256	128	5	19	1.442551389	0.528622714			
256	32	3	16	1.442664366	0.528735697			
4	16	1	9	1.44274717	0.528818501			
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16	16	1	10	1.442781131	0.528852461			
1024	4096	2	25	1.442781973	0.528853303			
2048	64	13	25	1.44288683	0.528958149			
4	1	6	7	1.443020918	0.529092213			
256	1024	5	24	1.4432174	0.529288638			
128	4	11	16	1.443246606	0.529317832			
128	1024	3	22	1.443337406	0.529408595			
4096	256	2	23	1.443345413	0.529416598			
512	128	4	19	1.443411473	0.529482627			
256	2048	1	22	1.443444047	0.529515185			
64	1024	1	20	1.443463198	0.529534326			
16	512	8	25	1.443481228	0.529552346			
128	128	3	17	1.443507137	0.529578241			
16	512	7	24	1.443543473	0.529614555			
1024	32	1	19	1.443595161	0.529666213			

32	512	8	25	1.443621442	0.529692476			
1024	64	8	21	1.443628119	0.52969915			
16	512	6	23	1.443633211	0.529704238			
4096	128	4	23	1.443652008	0.529723023			
2048	128	1	21	1.443673379	0.52974438			
32	512	7	24	1.443745517	0.529816467			
256	16	5	16	1.443755111	0.529826054			
1024	64	11	23	1.443760391	0.52983133			
16	512	5	22	1.443762541	0.529833478			
16	2	1	8	1.443851042	0.529921911			
64	2	9	13	1.443881583	0.529952428			
64	512	8	25	1.443900571	0.529971399			
32	512	6	23	1.443924194	0.529995003			
16	512	4	21	1.443948849	0.530019637			
32	8	5	12	1.444074796	0.530145469			
64	512	7	24	1.444147083	0.530217685			
32	512	5	22	1.444181326	0.530251893			
16	512	3	20	1.444217096	0.530287626			
128	8	13	19	1.444270188	0.530340661			
512	1024	6	25	1.444316562	0.530386984			
128	512	8	25	1.444453716	0.530523977			
256	1024	4	23	1.444485195	0.530555417			
64	512	6	23	1.444501293	0.530571495			
32	512	4	21	1.444551042	0.530621181			
64	128	1	15	1.444559427	0.530629555			
32	4	5	11	1.444564836	0.530634957			
16	512	2	19	1.444603076	0.530673148			
128	1024	2	21	1.444662579	0.53073257			
128	512	7	24	1.444940339	0.531009926			
256	8	7	16	1.444977512	0.53104704			
64	512	5	22	1.445009569	0.531079046			
1024	32	2	19	1.445046307	0.531115725			
32	512	3	20	1.445082084	0.531151443			
16	1	3	8	1.445090086	0.531159432			
16	512	1	18	1.445158075	0.531227307			
1024	2048	4	25	1.445195267	0.531264435			

256	128	2	17	1.445202024	0.53127118			
64	8	11	17	1.445268862	0.5313379			
512	64	6	19	1.445373747	0.531442595			
512	2048	2	23	1.445504906	0.531573506			
4096	4096	1	25	1.445537529	0.531606064			
256	512	8	25	1.445540187	0.531608717			
16	8	1	9	1.445569583	0.531638055			
128	512	6	23	1.445636565	0.531704902			
1024	4096	1	24	1.44567593	0.531744186			
128	32	1	14	1.445726457	0.531794608			
1024	32	10	21	1.445728231	0.531796379			
64	512	4	21	1.445737709	0.531805837			
256	64	7	19	1.44574947	0.531817573			
64	4	9	14	1.445829064	0.531896997			
32	512	2	19	1.445843922	0.531911823			
512	1024	5	24	1.446027606	0.532095095			
4096	512	1	23	1.446094316	0.53216165			
2048	128	2	21	1.446182189	0.532249313			
256	1024	3	22	1.446277961	0.532344851			
256	512	7	24	1.446488969	0.532555322			
4096	256	3	23	1.446540982	0.532607197			
128	1024	1	20	1.446542872	0.532609081			
2048	64	4	21	1.446553788	0.532619969			
128	512	5	22	1.446630123	0.532696098			
4096	2048	1	24	1.44665054	0.53271646			
64	512	3	20	1.446778749	0.532844313			
1024	64	1	19	1.446823643	0.532889079			
128	64	5	17	1.446892375	0.532957613			
32	512	1	18	1.446935387	0.5330005			
16	8	3	10	1.44697981	0.533044791			
4096	128	5	23	1.447019201	0.533084065			
128	16	3	14	1.447031834	0.53309666			
512	16	1	17	1.447100631	0.53316525			
1024	32	3	19	1.447121758	0.533186313			
4096	2048	3	25	1.447166991	0.533231407			
256	64	4	17	1.447372858	0.533436622			

8	256	8	23	1.447425628	0.533489221			
1024	32	13	23	1.447441252	0.533504794			
8	256	7	22	1.447495448	0.533558811			
16	8	7	13	1.447575127	0.533638224			
16	256	8	23	1.447581513	0.533644588			
512	512	8	25	1.447638536	0.533701417			
512	32	8	19	1.447691203	0.533753904			
16	256	7	22	1.447720673	0.533783272			
256	512	6	23	1.447835488	0.533897683			
32	256	8	23	1.447891783	0.533953778			
8	256	4	19	1.447952919	0.534014693			
128	512	4	21	1.448043585	0.534105027			
32	2	7	11	1.448058796	0.534120182			
1024	1024	6	25	1.448073019	0.534134352			
32	256	7	22	1.448168208	0.534229185			
64	512	2	19	1.448263732	0.534324344			
2048	2048	1	23	1.44836673	0.534426942			
512	1024	4	23	1.448425984	0.534485963			
64	256	8	23	1.448506421	0.53456608			
128	8	5	14	1.448506906	0.534566563			
512	32	11	21	1.448590217	0.534649537			
16	256	4	19	1.448629582	0.534688742			
512	2048	1	22	1.448687462	0.534746384			
8	256	2	17	1.448696008	0.534754894			
512	16	2	17	1.448744351	0.534803036			
256	1024	2	21	1.448801694	0.534860138			
8	8	5	11	1.44892243	0.534980361			
32	4	7	12	1.448950627	0.535008436			
64	256	7	22	1.449051872	0.53510924			
2048	4096	2	25	1.449079474	0.535136721			
2048	256	1	21	1.449190424	0.535247178			
4096	512	5	24	1.449248028	0.535304522			
8	256	1	16	1.449328963	0.53538509			
512	512	7	24	1.449446413	0.535501997			
32	64	1	13	1.449572534	0.535627526			
1024	64	2	19	1.449631173	0.535685885			

128	64	2	15	1.449691492	0.535745914			
2048	1024	1	22	1.449694157	0.535748566			
128	256	8	23	1.449712848	0.535767167			
256	512	5	22	1.449737578	0.535791777			
256	32	9	19	1.449853546	0.535907176			
256	32	6	17	1.449949654	0.536002807			
32	256	4	19	1.449962477	0.536015566			
128	512	3	20	1.450047069	0.536099731			
1024	32	4	19	1.450090875	0.536143314			
16	256	2	17	1.45009797	0.536150373			
2048	64	5	21	1.450313495	0.536364782			
2048	1024	3	23	1.450316607	0.536367878			
4096	512	2	23	1.450330423	0.536381622			
64	512	1	18	1.450376646	0.5364276			
512	16	10	19	1.450487964	0.536538324			
8	8	1	8	1.450591447	0.536641248			
512	32	1	17	1.450728324	0.536777373			
128	256	7	22	1.450775518	0.536824305			
4096	256	7	24	1.450784205	0.536832943			
4096	256	4	23	1.451032535	0.537079868			
2	1	4	5	1.451085092	0.537132122			
512	16	3	17	1.451104428	0.537151346			
4096	512	7	25	1.451140111	0.537186822			
64	16	1	12	1.451167212	0.537213765			
2048	512	3	22	1.451174322	0.537220834			
1024	1024	5	24	1.451234388	0.537280547			
128	32	7	17	1.451252036	0.537298092			
16	256	1	16	1.451342956	0.537388472			
256	8	1	15	1.451555862	0.537600094			
1024	512	8	25	1.451569217	0.537613367			
2048	2048	4	25	1.451716698	0.53775994			
1024	1024	1	21	1.451757799	0.537800784			
512	1024	3	22	1.451765511	0.537808448			
64	2	11	14	1.45178341	0.537826235			
4096	128	6	23	1.451795614	0.537838363			
512	512	6	23	1.451975437	0.538017047			

256	256	8	23	1.452039927	0.538081123			
2	8	1	7	1.452154059	0.538194517			
256	1024	1	20	1.452336557	0.538375815			
1024	2048	2	23	1.452384052	0.538422994			
256	512	4	21	1.45240972	0.53844849			
4	128	12	25	1.452462454	0.53850087			
4	128	11	24	1.452480358	0.538518654			
8	128	12	25	1.452502013	0.538540163			
4	128	10	23	1.452506353	0.538544474			
8	128	11	24	1.452537783	0.538575691			
4	128	9	22	1.452544088	0.538581954			
64	256	4	19	1.452550596	0.538588417			
2048	512	5	23	1.452558031	0.538595802			
16	128	12	25	1.452581014	0.538618629			
128	32	4	15	1.452582916	0.538620518			
8	128	10	23	1.452589696	0.538627252			
4	128	8	21	1.452598858	0.538636351			
16	128	11	24	1.452652402	0.538689529			
8	128	9	22	1.452665018	0.538702058			
4	128	7	20	1.452678335	0.538715284			
32	1	9	11	1.452729168	0.538765766			
32	128	12	25	1.452738555	0.538775089			
16	128	10	23	1.452755926	0.53879234			
8	128	8	21	1.452774266	0.538810553			
4	128	6	19	1.452793631	0.538829783			
32	256	2	17	1.452831067	0.538866959			
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128	512	2	19	1.452875158	0.538910741			
32	128	11	24	1.452880722	0.538916266			
16	128	9	22	1.452905976	0.538941343			
8	128	7	20	1.452932652	0.538967831			
1024	128	1	19	1.452952594	0.538987633			
4	128	5	18	1.452960834	0.538995815			
64	128	12	25	1.453051809	0.539086143			
256	16	8	17	1.453078665	0.539112808			
32	128	10	23	1.453086574	0.539120661			

64	2	17	19	1.453092871	0.539126913			
16	128	8	21	1.453123315	0.539157139			
8	128	6	19	1.453162152	0.539195696			
4	128	4	17	1.453203214	0.539236462			
64	128	11	24	1.453333746	0.539366044			
1024	512	1	20	1.453368162	0.539400207			
32	128	9	22	1.453384335	0.539416262			
16	128	7	20	1.453437848	0.53946938			
256	8	2	15	1.453450519	0.539481958			
8	128	5	18	1.453494472	0.539525585			
4	128	3	16	1.453554409	0.539585075			
4096	256	9	25	1.45361323	0.539643455			
1024	64	3	19	1.453619687	0.539649864			
16	2	5	9	1.453642152	0.53967216			
128	128	12	25	1.453671144	0.539700934			
64	128	10	23	1.453740761	0.539770023			
512	16	13	21	1.453777147	0.539806132			
32	128	8	21	1.453814473	0.539843173			
128	4	15	19	1.453818686	0.539847353			
2048	256	2	21	1.453888637	0.539916768			
16	128	6	19	1.453892552	0.539920652			
512	32	2	17	1.453914582	0.539942513			
8	128	4	17	1.453975295	0.540002756			
256	256	7	22	1.454062105	0.54008889			
4	128	2	15	1.454063025	0.540089803			
8	1	1	6	1.454131239	0.540157482			
128	128	11	24	1.454225718	0.540251215			
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64	128	9	22	1.454327181	0.54035187			
1024	32	5	19	1.454345165	0.54036971			
32	128	7	20	1.454434805	0.540458629			
512	16	4	17	1.454497878	0.540521191			
16	128	5	18	1.454549034	0.540571932			
32	32	3	13	1.454569438	0.540592169			
32	2	15	17	1.454603794	0.540626244			
8	128	3	16	1.454670356	0.54069226			

2048	128	7	22	1.454734871	0.540756242			
2048	128	4	21	1.454742842	0.540764148			
4	128	1	14	1.454799305	0.540820142			
2048	1024	6	25	1.454828236	0.540848832			
1024	512	7	24	1.454879486	0.540899654			
256	128	12	25	1.454882251	0.540902395			
128	128	10	23	1.455021739	0.541040708			
64	4	5	12	1.455092701	0.5411111067			
64	128	8	21	1.455169961	0.541187667			
2048	256	7	23	1.455171144	0.541189134			
4096	1024	1	23	1.455183618	0.541201207			
1024	256	3	20	1.455184598	0.541202178			
8	4	1	7	1.455237884	0.541255006			
32	256	1	16	1.455242008	0.541259095			
32	128	6	19	1.455327594	0.54134394			
256	16	11	19	1.455360447	0.541376507			
64	4	13	17	1.455408415	0.541424057			
512	512	5	22	1.455485686	0.541500651			
16	128	4	17	1.455495387	0.541510267			
1024	1024	4	23	1.45557304	0.541587235			
8	128	2	15	1.455674175	0.541687472			
256	16	1	15	1.455695286	0.541708395			
64	32	2	13	1.45570389	0.541716922			
512	512	1	19	1.455896588	0.541907885			
256	128	11	24	1.455956302	0.541967056			
256	512	3	20	1.456140254	0.542149321			
128	128	9	22	1.456160098	0.542168982			
4096	512	3	23	1.456205386	0.542213851			
16	2	13	15	1.456283077	0.542290819			
64	128	7	20	1.456377384	0.542384243			
512	1024	2	21	1.456380903	0.542387729			
512	256	8	23	1.456389558	0.542396302			
4096	128	11	25	1.456544228	0.54254951			
16	32	1	11	1.456570131	0.542575166			
32	128	5	18	1.456609336	0.542613997			
128	512	1	18	1.456849653	0.542851999			

16	128	3	16	1.456857277	0.542859548			
1024	256	5	21	1.456905889	0.542907687			
2048	64	9	22	1.456919477	0.542921143			
256	8	10	17	1.456995653	0.542996573			
8	128	1	14	1.457122702	0.543122369			
128	16	9	17	1.457126164	0.543125797			
32	4	11	15	1.457182167	0.543181245			
512	128	12	25	1.457202307	0.543201185			
4096	256	5	23	1.457330774	0.543328366			
128	4	1	13	1.457407312	0.543404134			
128	256	4	19	1.45744486	0.543441302			
256	128	10	23	1.457481704	0.543477773			
64	2	7	12	1.457575146	0.543570264			
512	64	1	17	1.457621677	0.54361632			
8	4	3	8	1.457736858	0.543730317			
128	128	8	21	1.457780538	0.543773545			
512	256	1	18	1.457891053	0.543882912			
64	256	2	17	1.458036497	0.544026833			
1024	2048	1	22	1.458075359	0.544065286			
64	128	6	19	1.458100678	0.544090337			
8	2	11	13	1.45816514	0.544154116			
1024	128	2	19	1.458224939	0.54421328			
2048	128	9	23	1.458272825	0.544260655			
32	128	4	17	1.45844426	0.54443025			
512	32	3	17	1.458465841	0.544451597			
2048	512	8	25	1.458565101	0.544549781			
4096	128	7	23	1.458578963	0.544563492			
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512	256	3	19	1.458853032	0.54483455			
32	8	1	10	1.458879251	0.544860479			
64	16	7	15	1.459112983	0.545091599			
16	4	9	13	1.459179218	0.545157087			
2048	512	1	21	1.459198011	0.545175668			
512	128	11	24	1.459224674	0.545202029			
1024	64	4	19	1.459286617	0.545263269			
256	16	2	15	1.459377019	0.545352641			

512	16	5	17	1.45939392	0.545369348			
1024	512	6	23	1.459402936	0.545378261			
2	64	14	25	1.459500939	0.545475139			
2	64	13	24	1.459510509	0.545484598			
4	64	14	25	1.459521761	0.545495722			
2	64	12	23	1.459524472	0.545498401			
4	64	13	24	1.459540889	0.545514628			
8	64	14	25	1.459563372	0.545536852			
4	64	12	23	1.459568792	0.54554221			
2	64	10	21	1.459574567	0.545547917			
8	64	13	24	1.459601581	0.545574619			
2	64	9	20	1.459617921	0.545590769			
256	128	9	22	1.459633998	0.54560666			
128	4	2	13	1.459642201	0.545614768			
16	64	14	25	1.459646459	0.545618976			
1024	64	7	20	1.459653306	0.545625743			
8	64	12	23	1.459657296	0.545629688			
4	64	10	21	1.459668845	0.545641102			
2	64	8	19	1.45968115	0.545653264			
16	64	13	24	1.459722694	0.545694324			
64	16	4	13	1.459746427	0.54571778			
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2	64	7	18	1.459773344	0.545744383			
32	64	14	25	1.459812095	0.545782679			
16	64	12	23	1.45983376	0.54580409			
8	64	10	21	1.459856855	0.545826914			
4	64	8	19	1.459881478	0.545851247			
4096	4096	2	25	1.459901141	0.545870678			
2	64	6	17	1.459907734	0.545877194			
32	64	13	24	1.459963842	0.545932639			
16	1	7	9	1.459986591	0.545955119			
8	64	9	20	1.460029197	0.54599722			
4	64	7	18	1.460065177	0.546032773			
128	128	7	20	1.460074406	0.546041891			
512	256	7	22	1.460084475	0.54605184			
2	64	5	16	1.460103567	0.546070705			

64	64	14	25	1.460141246	0.546107934			
256	8	4	15	1.460141382	0.546108069			
128	4096	3	25	1.460142882	0.546109551			
32	64	12	23	1.46018453	0.5461507			
16	64	10	21	1.460230714	0.546196331			
8	64	8	19	1.460280006	0.54624503			
4	2	9	11	1.460295407	0.546260245			
512	512	4	21	1.460315161	0.546279761			
4	64	6	17	1.460332628	0.546297018			
2048	1024	5	24	1.460339401	0.546303709			
2	64	4	15	1.460388824	0.546352533			
64	64	13	24	1.460441892	0.546404957			
1024	32	6	19	1.460464021	0.546426817			
64	128	5	18	1.460549381	0.546511136			
16	64	9	20	1.46057258	0.546534051			
128	8	8	15	1.460582224	0.546543577			
8	64	7	18	1.460644688	0.546605275			
4	64	5	16	1.460721758	0.546681396			
128	64	14	25	1.460791247	0.546750026			
256	4096	3	25	1.460797645	0.546756344			
2	64	3	14	1.460804169	0.546762787			
64	64	12	23	1.460877629	0.546835336			
128	4096	1	23	1.460884905	0.546842521			
32	64	10	21	1.460969964	0.546926518			
256	256	1	17	1.461061087	0.547016498			
32	128	3	16	1.461062996	0.547018383			
16	64	8	19	1.461068709	0.547024025			
8	64	6	17	1.461174369	0.547128352			
4	64	4	15	1.461287496	0.547240045			
256	512	2	19	1.46131313	0.547265352			
32	16	5	13	1.461372468	0.547323933			
128	64	13	24	1.461381524	0.547332873			
2	64	2	13	1.4614087	0.547359701			
8	4	7	11	1.461452022	0.547402468			
1024	1024	3	22	1.461466961	0.547417214			
1024	128	12	25	1.461487835	0.547437821			

8	2	3	7	1.461514357	0.547464002			
32	4	3	10	1.461589833	0.547538503			
16	128	1	14	1.461620055	0.547568335			
16	2	7	10	1.461639642	0.547587668			
32	64	9	20	1.461642746	0.547590732			
16	64	7	18	1.461787491	0.547733593			
2048	128	5	21	1.461818404	0.547764102			
8	64	5	16	1.461942721	0.547886788			
2048	64	11	23	1.462037297	0.547980116			
512	128	10	23	1.462044838	0.547987557			
256	64	14	25	1.462059477	0.548002002			
512	4096	3	25	1.462083935	0.548026136			
4	64	3	14	1.462109348	0.548051211			
128	8	1	13	1.462226278	0.548166584			
128	64	12	23	1.462231448	0.548171685			
256	4096	1	23	1.462259333	0.548199198			
2	64	1	12	1.462288384	0.54822786			
512	128	5	19	1.462372566	0.548310911			
64	64	10	21	1.46241589	0.548353651			
4096	128	1	22	1.462447717	0.548385049			
1024	32	9	20	1.462473225	0.548410212			
64	256	1	16	1.46257483	0.548510439			
32	64	8	19	1.462613899	0.548548977			
256	128	8	21	1.462647178	0.548581802			
4096	1024	2	23	1.46267906	0.548613249			
512	1024	1	20	1.46270851	0.548642296			
2	2	7	9	1.462735417	0.548668835			
4096	2048	4	25	1.462776437	0.548709293			
512	64	5	18	1.462821381	0.548753619			
16	64	6	17	1.462826702	0.548758867			
128	4	3	13	1.462888544	0.548819856			
8	64	4	15	1.463055679	0.548984675			
256	64	13	24	1.463198733	0.549125731			
256	8	13	19	1.463258115	0.54918428			
128	128	6	19	1.463300542	0.54922611			
4	64	2	13	1.46330239	0.549227932			

256	32	1	15	1.463570566	0.549492307			
256	128	1	16	1.463595519	0.549516904			
512	64	2	17	1.463626045	0.549546994			
64	64	9	20	1.463720103	0.549639704			
16	16	3	11	1.46397531	0.549891223			
32	64	7	18	1.464011297	0.549926686			
64	128	4	17	1.464011715	0.549927098			
4	4	5	9	1.464072677	0.549987171			
1024	256	1	19	1.464084618	0.549998938			
1024	256	8	23	1.46410517	0.55001919			
32	16	2	11	1.464173915	0.550086927			
2048	2048	2	23	1.464197956	0.550110616			
2048	512	7	24	1.464261154	0.550172884			
4	4	1	6	1.464283281	0.550194685			
4096	512	4	23	1.46430976	0.550220773			
16	64	5	16	1.464325577	0.550236357			
512	64	14	25	1.464479078	0.550387583			
1024	4096	3	25	1.464568824	0.550475991			
8	64	3	14	1.46466538	0.550571102			
32	128	2	15	1.464788862	0.550692727			
64	2048	3	23	1.464810132	0.550713675			
256	64	12	23	1.464819564	0.550722965			
256	128	3	17	1.464842059	0.55074512			
64	8	6	13	1.464901401	0.550803563			
512	4096	1	23	1.464922342	0.550824187			
512	32	4	17	1.464981148	0.5508821			
4	64	1	12	1.465033516	0.55093367			
1024	128	11	24	1.465120445	0.551019271			
128	64	10	21	1.465186971	0.551084777			
4096	256	1	22	1.465304915	0.551200906			
64	2	1	11	1.465433248	0.551327253			
1024	512	5	22	1.465513467	0.551406225			
128	2048	3	23	1.465525731	0.551418299			
1	1	2	3	1.465571232	0.55146309	***	metapelog	meru 2
1	2	5	7	1.465571232	0.55146309		metapelog	meru 2
64	64	8	19	1.465584164	0.551475819			

128	8	11	17	1.465592596	0.551484121			
1024	128	3	19	1.465621667	0.551512737			
64	2048	1	21	1.465630956	0.551521881			
4096	128	3	22	1.465719826	0.551609357			
512	128	9	22	1.465936708	0.551822816			
512	32	7	18	1.465950597	0.551836485			
32	64	6	17	1.466014454	0.551899328			
4096	1024	6	25	1.466130018	0.552013049			
4096	256	6	23	1.466147649	0.552030398			
256	256	4	19	1.466288702	0.552169188			
16	64	4	15	1.466481698	0.552359066			
512	16	6	17	1.466505595	0.552382576			
256	64	3	16	1.466548085	0.552424375			
128	8	2	13	1.466583245	0.552458962			
512	64	13	24	1.466611331	0.55248659			
512	64	7	19	1.466659702	0.552534173			
256	128	7	20	1.466827854	0.552699567			
512	512	3	20	1.466897014	0.552767588			
256	2048	3	23	1.466931328	0.552801335			
8	64	2	13	1.466990422	0.552859452			
8	16	1	9	1.46702182	0.552890329			
128	2048	1	21	1.467142776	0.553009275			
2	4	3	7	1.46714382	0.553010302			
1024	64	5	19	1.467354214	0.553217174			
2048	64	1	20	1.467371497	0.553234167			
2048	512	2	21	1.467542584	0.553402367			
128	256	2	17	1.467552827	0.553412437			
128	4	4	13	1.467628206	0.553486537			
128	64	9	20	1.467646987	0.553504999			
2048	1024	4	23	1.467671912	0.553529499			
128	128	1	15	1.467686608	0.553543946			
128	128	5	18	1.467805062	0.553660378			
64	2	2	11	1.468154808	0.5540041			
32	1	11	12	1.468219408	0.554067578			
64	64	7	18	1.468233513	0.554081438			
4096	128	8	23	1.46824195	0.554089728			

256	512	1	18	1.468436166	0.554280552			
4096	4096	1	24	1.468473744	0.554317471			
32	1	7	10	1.468859963	0.55469686			
32	64	5	16	1.468873714	0.554710366			
64	128	3	16	1.468882096	0.554718599			
1024	64	14	25	1.468917952	0.554753815			
8	2	5	8	1.468942947	0.554778364			
2048	128	12	25	1.468953633	0.554788859			
2048	4096	3	25	1.469224385	0.555054746			
1024	32	11	21	1.469229373	0.555059644			
1024	32	7	19	1.469328689	0.555157163			
1024	1024	2	21	1.46938752	0.555214927			
256	64	5	17	1.46945748	0.555283614			
2048	256	4	21	1.469538112	0.555362775			
16	64	3	14	1.469574943	0.555398933			
512	64	12	23	1.469583775	0.555407603			
512	2048	3	23	1.46964596	0.55546865			
1	32	16	25	1.469745256	0.555566121			
2	32	16	25	1.469756016	0.555576684			
1	32	14	23	1.46975774	0.555578375			
1	32	13	22	1.469768656	0.555589091			
4	32	16	25	1.469777528	0.555597799			
2	32	14	23	1.469780974	0.555601182			
2	32	13	22	1.469802793	0.555622599			
1	32	11	20	1.469808264	0.555627969			
8	32	16	25	1.469820514	0.555639992			
4	32	14	23	1.469827403	0.555646754			
1	32	10	19	1.469842887	0.555661952			
4	32	13	22	1.469870987	0.555689533			
2	32	11	20	1.469881925	0.555700269			
16	32	16	25	1.469906334	0.555724226			
32	1024	7	25	1.469906424	0.555724315			
8	32	14	23	1.469920104	0.555737741			
1024	4096	1	23	1.469937288	0.555754607			
2	32	10	19	1.469951059	0.555768122			
1	32	8	17	1.469968433	0.555785174			

8	32	13	22	1.470007052	0.555823076			
4	32	11	20	1.470028917	0.555844534			
1024	128	10	23	1.470045248	0.555860562			
256	32	5	16	1.470052577	0.555867754			
256	2048	1	21	1.470071919	0.555886737			
32	128	1	14	1.47007615	0.555890888			
32	32	16	25	1.470077377	0.555892093			
64	1024	7	25	1.470077735	0.555892445			
1	32	7	16	1.470078096	0.555892798			
16	32	14	23	1.470104876	0.55591908			
32	1024	5	23	1.470105295	0.55591949			
4096	512	8	25	1.470108367	0.555922505			
512	128	1	17	1.470162379	0.555975509			
4	32	10	19	1.470166737	0.555979785			
2	32	8	17	1.470201484	0.556013883			
32	8	4	11	1.470226862	0.556038786			
16	32	13	22	1.470277907	0.556088874			
256	64	10	21	1.470309547	0.55611992			
8	32	11	20	1.470321585	0.556131732			
8	64	1	12	1.4703461	0.556155787			
64	32	16	25	1.470417099	0.556225449			
128	1024	7	25	1.470418515	0.556226838			
2	32	7	16	1.470419943	0.556228239			
1024	256	7	22	1.470446038	0.556253841			
32	32	14	23	1.470471938	0.556279253			
64	1024	5	23	1.470473592	0.556280875			
1	32	5	14	1.47047526	0.556282512			
4096	2048	1	23	1.47050395	0.55631066			
2048	128	1	20	1.470536507	0.5563426			
256	32	2	15	1.470539393	0.556345432			
8	32	10	19	1.470595459	0.556400435			
16	4	1	8	1.470660645	0.556464383			
8	1	5	7	1.470663227	0.556466916			
4	32	8	17	1.47066495	0.556468606			
4096	512	1	22	1.470718914	0.556521543			
32	32	13	22	1.470814598	0.556615401			

1	4	1	5	1.470818205	0.556618938			
1	32	4	13	1.470821721	0.556622387			
16	32	11	20	1.470901748	0.556700882			
128	64	1	14	1.471014263	0.556811235			
2048	64	3	20	1.471044555	0.556840944			
128	32	16	25	1.471087317	0.556882881			
256	1024	7	25	1.471092839	0.556888296			
4	32	7	16	1.471098452	0.556893801			
128	64	8	19	1.471103374	0.556898628			
64	32	14	23	1.471196363	0.556989818			
64	4	1	11	1.471198091	0.556991513			
128	1024	5	23	1.471202816	0.556996146			
2	32	5	14	1.471209384	0.557002587			
512	128	8	21	1.47124519	0.557037699			
32	8	7	13	1.471302414	0.557093811			
128	16	1	13	1.471409071	0.55719839			
16	32	10	19	1.471442593	0.557231258			
32	1024	1	19	1.471451422	0.557239915			
4096	256	3	22	1.471579479	0.557365464			
8	32	8	17	1.471581538	0.557367482			
2048	512	6	23	1.471791607	0.557573413			
64	4	8	13	1.471808963	0.557590425			
64	32	13	22	1.471868547	0.557648829			
2	32	4	13	1.471896271	0.557676004			
64	64	6	17	1.471975033	0.557753201			
32	32	11	20	1.472042011	0.557818846			
512	32	9	19	1.472043276	0.557820085			
1	32	2	11	1.472074512	0.557850698			
512	64	3	17	1.472117175	0.557892509			
64	2	3	11	1.472144472	0.55791926			
256	16	4	15	1.472328888	0.558099976			
256	32	16	25	1.472392553	0.558162358			
512	1024	7	25	1.472413571	0.558182952			
8	32	7	16	1.472435269	0.558204212			
4096	128	5	22	1.472531549	0.558298544			
256	128	6	19	1.472571451	0.558337638			

128	32	14	23	1.472608161	0.558373602			
256	1024	5	23	1.472632764	0.558397705			
4	32	5	14	1.472658231	0.558422654			
1024	64	13	24	1.472711912	0.558475241			
4096	1024	3	23	1.472800996	0.558562507			
128	8	3	13	1.472909181	0.558668477			
32	64	4	15	1.472936459	0.558695196			
32	32	10	19	1.473097317	0.558852742			
64	1024	1	19	1.473131154	0.558885881			
1	32	1	10	1.473166396	0.558920393			
16	32	8	17	1.473374931	0.559124601			
1024	32	1	18	1.473414705	0.559163546			
1024	256	2	19	1.473492041	0.559239268			
4	2	1	5	1.473534552	0.55928089			
2048	2048	1	22	1.473648817	0.559392759			
1024	512	4	21	1.473669	0.559412517			
128	32	13	22	1.473903443	0.559642015			
16	64	2	13	1.474002431	0.559738903			
4	32	4	13	1.47400864	0.559744981			
128	128	4	17	1.474046661	0.559782194			
64	32	11	20	1.474246966	0.559978225			
256	16	7	16	1.474314196	0.560044015			
512	32	5	17	1.474356831	0.560085734			
2	32	2	11	1.474370852	0.560099455			
2048	64	8	21	1.474459772	0.560186462			
128	4	5	13	1.47461407	0.560337428			
1024	2048	3	23	1.474729679	0.56045053			
256	64	9	20	1.474741641	0.560462232			
16	8	5	11	1.474873707	0.560591422			
512	32	16	25	1.47487438	0.560592081			
1024	1024	7	25	1.474950898	0.560666927			
128	32	3	14	1.474983787	0.560699097			
4096	1024	5	24	1.474993533	0.56070863			
16	32	7	16	1.475032185	0.560746434			
2048	128	11	24	1.475040009	0.560754087			
16	2	3	8	1.47512486	0.560837075			

256	32	7	17	1.475267445	0.560976519			
256	32	14	23	1.475296045	0.561004486			
512	1024	5	23	1.475385878	0.561092332			
4096	512	5	23	1.475429607	0.561135091			
8	32	5	14	1.475481809	0.561186134			
512	2048	1	21	1.475587942	0.561289905			
128	256	1	16	1.475698157	0.56139766			
64	128	2	15	1.475699793	0.561399259			
512	512	2	19	1.475780585	0.561478242			
128	64	7	18	1.475916703	0.561611301			
1024	128	4	19	1.475990234	0.561683175			
2048	1024	1	21	1.47609353	0.561784138			
64	32	10	19	1.476260839	0.561947652			
128	1024	1	19	1.476385537	0.56206951			
64	64	1	13	1.476495461	0.562176921			
2	32	1	10	1.476520339	0.56220123			
64	4	2	11	1.476527537	0.562208263			
2048	256	1	20	1.476537504	0.562218001			
2048	64	14	25	1.47657277	0.562252459			
1024	128	9	22	1.476627726	0.562306152			
2048	256	8	23	1.47678133	0.562456219			
32	32	8	17	1.47681409	0.562488222			
16	512	9	25	1.47691238	0.562584238			
512	16	7	17	1.476960148	0.562630899			
1024	64	1	18	1.476961644	0.562632361			
32	512	9	25	1.476998447	0.56266831			
16	8	2	9	1.477000275	0.562670094			
16	512	7	23	1.477014057	0.562683557			
32	1	1	9	1.47712231	0.56278929			
64	512	9	25	1.477170089	0.562835955			
32	512	7	23	1.477201278	0.562866416			
64	64	5	16	1.477222792	0.562887427			
16	512	5	21	1.47723532	0.562899662			
2048	1024	3	22	1.477299763	0.562962597			
16	1	9	10	1.477331012	0.562993114			
4096	4096	3	25	1.477505945	0.563163936			

128	512	9	25	1.477511413	0.563169274			
64	2	15	17	1.477570216	0.563226691			
64	512	7	23	1.477573671	0.563230064			
2048	128	3	20	1.477593423	0.56324935			
32	512	5	21	1.477641684	0.56329647			
256	32	13	22	1.477713778	0.563366857			
16	512	3	19	1.477716008	0.563369035			
1024	64	12	23	1.477841422	0.563491471			
256	64	1	15	1.477927339	0.563575342			
64	2	4	11	1.478041603	0.563686878			
8	32	4	13	1.478094888	0.563738888			
256	512	9	25	1.478186381	0.563828187			
128	512	7	23	1.478310417	0.56394924			
128	32	11	20	1.478386964	0.56402394			
512	128	7	20	1.47839643	0.564033178			
64	512	5	21	1.478446147	0.564081694			
32	4	6	11	1.478461979	0.564097142			
4096	256	7	23	1.478479471	0.564114211			
32	512	3	19	1.478594775	0.564226721			
32	64	3	14	1.478684124	0.564313897			
16	512	1	17	1.478757657	0.564385639			
4	32	2	11	1.478839503	0.564465487			
1024	64	6	19	1.478894356	0.564518998			
2048	4096	1	23	1.478929258	0.564553045			
512	16	11	19	1.479097054	0.564716721			
4096	512	7	24	1.479129309	0.564748182			
512	64	10	21	1.479244901	0.564860922			
128	4	13	17	1.479256328	0.564872067			
1024	32	16	25	1.479402022	0.565014153			
512	512	9	25	1.479506763	0.565116291			
2048	1024	7	25	1.479659989	0.565265697			
256	8	9	16	1.479669565	0.565275034			
128	16	2	13	1.479704232	0.565308834			
256	512	7	23	1.479752913	0.565356297			
128	16	5	14	1.479841024	0.565442199			
1024	1024	1	20	1.47991523	0.56551454			

32	32	7	16	1.479947925	0.565546412			
128	512	5	21	1.48002314	0.565619732			
512	32	14	23	1.480210081	0.565801947			
64	512	3	19	1.480320199	0.56590927			
16	64	1	12	1.480331965	0.565920737			
256	128	5	18	1.480381888	0.56596939			
1024	1024	5	23	1.480514382	0.566098505			
4096	1024	1	22	1.480521192	0.566105141			
32	1	2	9	1.48059502	0.566177081			
32	512	1	17	1.480647262	0.566227985			
256	64	8	19	1.480806666	0.566383295			
16	1	5	8	1.480809084	0.56638565			
16	32	5	14	1.480857451	0.566432772			
4096	128	12	25	1.480936554	0.566509834			
512	128	2	17	1.480937284	0.566510545			
512	16	1	16	1.481008008	0.566579441			
64	32	1	12	1.481056952	0.566627118			
32	2	13	15	1.481149686	0.566717448			
512	256	4	19	1.481188509	0.566755263			
2048	512	5	22	1.481608355	0.56716414			
64	2	10	13	1.4818217	0.567371866			
1024	512	9	25	1.482037785	0.56758223			
4096	128	9	23	1.482079458	0.567622796			
128	32	10	19	1.482085055	0.567628245			
2048	256	5	21	1.482148226	0.567689736			
128	8	4	13	1.48217642	0.567717178			
64	8	1	11	1.482207617	0.567747544			
4096	512	3	22	1.482315426	0.567852475			
1024	32	8	19	1.482331682	0.567868296			
256	1024	1	19	1.482513896	0.568045628			
512	512	7	23	1.482522445	0.568053947			
128	64	6	17	1.482556517	0.568087103			
128	128	3	16	1.482630941	0.568159525			
4096	2048	2	23	1.48272925	0.568255182			
2048	64	13	24	1.482849657	0.568372333			
256	16	9	17	1.482901703	0.568422969			

1024	512	1	19	1.482915723	0.568436609			
2048	128	10	23	1.48299231	0.568511117			
4	32	1	10	1.483009221	0.568527568			
256	512	5	21	1.483057644	0.568574674			
64	4	11	15	1.483096947	0.568612907			
64	32	8	17	1.483178837	0.568692564			
64	32	3	13	1.483437895	0.568944529			
128	512	3	19	1.483650173	0.569150962			
1024	128	1	18	1.483691966	0.5691916			
2048	2048	3	23	1.483767246	0.569264799			
256	256	2	17	1.483851228	0.569346454			
512	64	4	17	1.484155411	0.569642169			
32	2	1	9	1.484293505	0.5697764			
64	512	1	17	1.484308139	0.569790623			
4	8	1	7	1.484324877	0.569806892			
4096	256	5	22	1.484356243	0.569837378			
64	4	3	11	1.484367139	0.569847968			
1024	512	3	20	1.484423907	0.569903142			
512	32	13	22	1.484494637	0.569971881			
64	64	4	15	1.484533047	0.570009209			
512	32	1	16	1.485041328	0.570503081			
128	4	6	13	1.485085824	0.570546308			
64	128	1	14	1.485206469	0.570663504			
1024	128	8	21	1.485299049	0.570753432			
16	2	11	13	1.485305498	0.570759695			
1024	2048	1	21	1.48547873	0.570927948			
16	32	4	13	1.485771905	0.571212651			
256	32	11	20	1.485786361	0.571226688			
512	16	3	16	1.48586171	0.57129985			
1	16	18	25	1.486004916	0.571438889			
1	16	17	24	1.48601008	0.571443902			
2	16	18	25	1.486015541	0.571449204			
1	16	16	23	1.486017753	0.571451351			
2	16	17	24	1.486025865	0.571459227			
1	16	15	22	1.486029152	0.571462418			
4	16	18	25	1.486036779	0.571469823			

8	256	11	25	1.486036784	0.571469827			
2	16	16	23	1.486041202	0.571474117			
4	16	17	24	1.486057414	0.571489855			
2	16	15	22	1.486063985	0.571496235			
1	16	13	20	1.486071241	0.571503279			
8	16	18	25	1.486079219	0.571511024			
16	256	11	25	1.486079236	0.57151104			
4	16	16	23	1.486088059	0.571519606			
8	256	9	23	1.48608808	0.571519626			
1	16	12	19	1.486108601	0.571539548			
8	16	17	24	1.486120431	0.571551033			
4	16	15	22	1.486133563	0.571563781			
2	16	13	20	1.486148065	0.571577858			
16	16	18	25	1.486163945	0.571593275			
32	256	11	25	1.486164013	0.57159334			
1	16	11	18	1.486164081	0.571593406			
8	16	16	23	1.486181605	0.571610418			
16	256	9	23	1.486181688	0.571610498			
2	16	12	19	1.48622265	0.571650262			
16	16	17	24	1.486246147	0.57167307			
1	16	10	17	1.486246445	0.57167336			
8	16	15	22	1.486272369	0.571698523			
4	16	13	20	1.486301333	0.571726638			
32	16	18	25	1.486332793	0.571757174			
64	256	11	25	1.486333061	0.571757435			
2	16	11	18	1.486333331	0.571757697			
4096	1024	4	23	1.486343974	0.571768027			
16	16	16	23	1.486368029	0.571791376			
32	256	9	23	1.486368357	0.571791694			
1	16	9	16	1.486368686	0.571792013			
1024	256	3	19	1.486406486	0.571828702			
128	4096	4	25	1.486445865	0.571866923			
4	16	12	19	1.486449965	0.571870902			
8	256	5	19	1.486450452	0.571871375			
32	16	17	24	1.486496312	0.571915884			
2	16	10	17	1.486497495	0.571917032			

1024	32	5	18	1.486522272	0.571941079			
16	16	15	22	1.486548591	0.571966622			
1	16	8	15	1.486550034	0.571968022			
8	16	13	20	1.486606364	0.572022689			
64	16	18	25	1.486668097	0.572082597			
128	256	11	25	1.486669157	0.572083626			
4	16	11	18	1.486670225	0.572084662			
4096	128	7	22	1.486703372	0.572116828			
512	64	9	20	1.486706566	0.572119928			
2048	512	9	25	1.486717681	0.572130714			
32	16	16	23	1.486738241	0.572150665			
64	256	9	23	1.486739534	0.57215192			
2	16	9	16	1.486740836	0.572153183			
32	64	2	13	1.486787383	0.57219835			
2048	256	7	22	1.486798881	0.572209508			
64	2	5	11	1.486889217	0.572297161			
256	4096	4	25	1.486893637	0.57230145			
8	16	12	19	1.486901498	0.572309077			
16	256	5	19	1.486903422	0.572310944			
128	4096	2	23	1.486987696	0.57239271			
64	16	17	24	1.486991666	0.572396562			
4	16	10	17	1.486996321	0.572401078			
8	256	3	17	1.48699867	0.572403357			
16	4	4	9	1.487064097	0.572466833			
32	16	15	22	1.487095575	0.572497372			
256	8	7	15	1.487095584	0.57249738			
2	16	8	15	1.487101255	0.572502882			
16	16	13	20	1.487210505	0.572608866			
1	16	6	13	1.487217439	0.572615593			
8	32	2	11	1.487323995	0.572718955			
128	16	18	25	1.487329376	0.572724174			
256	256	11	25	1.487333507	0.572728182			
8	16	11	18	1.48733769	0.572732239			
128	16	7	15	1.487344592	0.572738933			
2048	512	1	20	1.487414068	0.572806322			
128	4096	1	22	1.48746624	0.572856924			

64	16	16	23	1.487468374	0.572858995			
128	256	9	23	1.487473412	0.572863881			
4	16	9	16	1.487478519	0.572868835			
32	4	9	13	1.487589163	0.572976143			
1024	512	7	23	1.487657223	0.573042147			
512	512	1	18	1.487658944	0.573043817			
512	4096	4	25	1.487778038	0.573159307			
16	16	12	19	1.487792472	0.573173303			
32	256	5	19	1.487799978	0.573180582			
1	16	5	12	1.487807612	0.573187984			
512	128	6	19	1.487910452	0.573287702			
4096	1024	7	25	1.487918752	0.57329575			
128	16	17	24	1.487963152	0.57333388			
256	4096	2	23	1.487965446	0.573341024			
8	16	10	17	1.487981172	0.573356272			
512	32	6	17	1.487981278	0.573356374			
4	1	3	5	1.487990207	0.573365031			
16	256	3	17	1.487990347	0.573365167			
64	16	15	22	1.488168447	0.573537835			
4	16	8	15	1.488190454	0.57355917			
128	32	1	13	1.488195425	0.573563989			
8	256	1	15	1.48820168	0.573570053			
32	16	13	20	1.488395901	0.573758322			
2	16	6	13	1.488422807	0.573784402			
256	16	18	25	1.488616388	0.573972024			
512	256	11	25	1.48863208	0.573987232			
1024	32	14	23	1.488642222	0.573997061			
16	16	11	18	1.488648154	0.57400281			
1	16	4	11	1.488681093	0.574034731			
512	512	5	21	1.488705023	0.574057922			
32	32	1	11	1.488780231	0.574130804			
64	32	7	16	1.488849768	0.574198186			
128	16	16	23	1.488889437	0.574236625			
256	4096	1	22	1.488906856	0.574253504			
256	256	9	23	1.488908577	0.574255171			
8	16	9	16	1.488928234	0.574274218			

256	64	7	18	1.489007382	0.574350906			
4096	128	1	21	1.489216554	0.574553558			
1024	4096	4	25	1.48950408	0.574832075			
32	16	12	19	1.489528271	0.574855506			
64	256	5	19	1.489556862	0.574883198			
2048	1024	5	23	1.489558872	0.574885145			
2	16	5	12	1.489586401	0.574911807			
2048	256	3	20	1.489623	0.574947254			
2048	1024	2	21	1.489778331	0.575097684			
256	16	17	24	1.48983424	0.575151825			
512	4096	2	23	1.489876003	0.575192266			
256	512	3	19	1.48987904	0.575195207			
16	16	10	17	1.48990193	0.575217371			
32	256	3	17	1.489936962	0.575251293			
1	16	3	10	1.489973285	0.575286463			
8	1	7	8	1.490201629	0.575507545			
8	2	9	11	1.490211124	0.575516737			
128	16	15	22	1.490235271	0.575540114			
4096	128	11	24	1.490288807	0.575591942			
8	16	8	15	1.490318078	0.575620278			
16	256	1	15	1.490361095	0.575661919			
256	64	2	15	1.490524426	0.575820018			
1024	128	5	19	1.490539097	0.575834218			
4096	512	6	23	1.490601496	0.575894613			
32	2	8	11	1.490676002	0.575966722			
64	16	13	20	1.490680982	0.575971542			
32	32	5	14	1.490684763	0.575975201			
4096	128	2	21	1.490753032	0.576041271			
4	16	6	13	1.490782497	0.576069786			
256	8	1	14	1.490835453	0.576121033			
8	2	1	6	1.490889478	0.576173312			
256	128	4	17	1.490898171	0.576181724			
2048	64	12	23	1.491013347	0.576293172			
512	16	18	25	1.49106079	0.576339077			
1024	256	11	25	1.491117709	0.576394149			
32	2	2	9	1.491138419	0.576414186			

32	16	11	18	1.491177276	0.57645178			
128	512	1	17	1.491201788	0.576475494			
2	16	4	11	1.491302036	0.576572479			
512	256	1	17	1.491428847	0.576695151			
256	16	16	23	1.491588595	0.576849671			
128	64	5	16	1.491630321	0.576890029			
512	256	9	23	1.491658059	0.576916857			
512	4096	1	22	1.491699448	0.576956886			
128	16	3	13	1.491722555	0.576979234			
16	16	9	16	1.491731107	0.576987505			
1	16	2	9	1.4918849	0.577136235			
256	32	10	19	1.492183538	0.577424998			
4096	256	1	21	1.492317738	0.577554741			
64	8	2	11	1.492436283	0.57766934			
64	16	5	13	1.492626548	0.577853252			
512	16	8	17	1.492641753	0.577867948			
512	64	1	16	1.492701997	0.577926175			
2048	4096	4	25	1.492798186	0.578019138			
64	16	12	19	1.492831078	0.578050926			
128	256	5	19	1.492935297	0.578151641			
16	4	7	11	1.492941325	0.578157466			
4	16	5	12	1.493046173	0.578258782			
2048	128	9	22	1.49322073	0.578427443			
512	16	17	24	1.493322951	0.578526201			
512	1024	1	19	1.493503182	0.578700311			
32	1	4	9	1.493526369	0.57872271			
1024	4096	2	23	1.493530228	0.578726437			
32	16	10	17	1.493563819	0.578758884			
256	8	11	17	1.493600459	0.578794276			
1024	64	10	21	1.493613706	0.578807072			
64	256	3	17	1.49369208	0.578882771			
2	16	3	10	1.493829494	0.579015488			
64	8	5	12	1.493862584	0.579047445			
4096	4096	1	23	1.493876023	0.579060424			
64	2048	6	25	1.493979626	0.579160473			
64	2048	5	24	1.494088293	0.579265407			

256	16	15	22	1.494090479	0.579267518			
128	4	9	14	1.494192268	0.579365801			
128	2048	6	25	1.494199317	0.579372607			
2048	512	4	21	1.494234422	0.579406502			
64	2048	4	23	1.494250319	0.579421851			
128	32	8	17	1.494301647	0.579471407			
128	128	2	15	1.494360551	0.579528276			
16	16	8	15	1.494386032	0.579552876			
128	2048	5	24	1.494415607	0.579581427			
512	32	3	16	1.494417112	0.57958288			
64	2048	3	22	1.494491749	0.579654932			
2	2	1	4	1.49453018	0.579692031	Meta-Meantone		
32	256	1	15	1.494544522	0.579705875			
256	2048	6	25	1.494635818	0.579794001			
64	64	3	14	1.494655343	0.579812847			
1	16	1	8	1.494715693	0.579871099			
128	2048	4	23	1.494737515	0.579892161			
256	32	4	15	1.49482604	0.579977601			
64	2048	2	21	1.494851208	0.580001891			
4096	512	9	25	1.494880492	0.580030153			
128	16	13	20	1.494948164	0.580095461			
256	2048	5	24	1.495064286	0.58020752			
2048	64	7	20	1.495157824	0.580297779			
8	32	1	10	1.495200866	0.580339309			
128	2048	3	22	1.495216024	0.580353935			
4096	256	2	21	1.495278881	0.580414583			
8	16	6	13	1.495312223	0.580446753			
64	2048	1	20	1.495385863	0.580517799			
32	16	1	10	1.495415504	0.580546396			
512	2048	6	25	1.495497552	0.580625549			
256	16	1	14	1.495509032	0.580636624			
1024	64	7	19	1.495542122	0.580668545			
1024	32	13	22	1.495695613	0.580816604			
256	2048	4	23	1.495699728	0.580820573			
2048	256	11	25	1.495702707	0.580823447			
4096	256	8	23	1.495718662	0.580838836			

512	128	3	17	1.495900029	0.581013763			
1024	256	1	18	1.495906347	0.581019857			
64	16	11	18	1.495909827	0.581023213			
128	2048	2	21	1.495926197	0.581039			
128	8	5	13	1.495975374	0.581086427			
64	4	4	11	1.49607268	0.581180264			
4	2	7	9	1.496124568	0.5812303			
4096	128	4	21	1.496328453	0.58142689			
512	2048	5	24	1.496338572	0.581436646			
4	16	4	11	1.496360383	0.581457676			
512	16	5	16	1.496397148	0.581493122			
512	16	16	23	1.496504146	0.581596276			
1024	128	7	20	1.496563586	0.581653577			
512	64	8	19	1.496570169	0.581659924			
256	8	3	14	1.496606245	0.5816947			
256	2048	3	22	1.496639872	0.581727116			
2048	512	7	23	1.496649536	0.581736432			
1024	256	9	23	1.496737186	0.581820919			
1024	4096	1	22	1.496963033	0.582038595			
128	2048	1	20	1.496978153	0.582053167			
32	16	9	16	1.496992401	0.582066898			
4096	2048	1	22	1.497023326	0.582096701			
1024	2048	6	25	1.497177864	0.582245623			
2048	64	1	19	1.497358588	0.58241976			
256	256	1	16	1.497472274	0.582529291			
2	16	2	9	1.497553204	0.582607259			
512	2048	4	23	1.497577424	0.582630591			
256	2048	2	21	1.498026659	0.583063299			
32	4	1	9	1.498033484	0.583069871		p. 59 prise	3+16=19
512	32	11	20	1.498081748	0.583116352			
4096	512	1	21	1.498191	0.58322156			
32	64	1	12	1.498194301	0.58322474			
4	128	13	25	1.498327417	0.583352918			
8	128	13	25	1.498347747	0.583372493			
4	128	11	23	1.498352727	0.583377288			
16	128	13	25	1.498388375	0.583411612			

8	128	11	23	1.498398331	0.583421198			
1024	512	2	19	1.498446316	0.583467398			
32	128	13	25	1.498469511	0.58348973			
16	128	11	23	1.498489403	0.583508881			
4	128	7	19	1.498536814	0.583554527			
4096	2048	3	23	1.498628294	0.583642595			
64	128	13	25	1.498631297	0.583645486			
1024	512	5	21	1.498651397	0.583664835			
32	128	11	23	1.498671	0.583683707			
8	4	2	7	1.498727546	0.58373814			
8	128	7	19	1.498765675	0.583774842			
1024	2048	5	24	1.498800179	0.583808055			
4	128	5	17	1.498821948	0.583829009			
4096	4096	4	25	1.498841252	0.58384759			
128	16	12	19	1.498863835	0.583869327			
128	128	13	25	1.498952948	0.583955098			
64	128	11	23	1.499032036	0.584031216			
32	16	3	11	1.499051151	0.584049612			
2048	64	2	19	1.499104545	0.584100998			
256	256	5	19	1.499215934	0.584208192			
16	128	7	19	1.499220797	0.584212871			
8	128	5	17	1.499333136	0.584320971			
512	2048	3	22	1.499394164	0.584379692			
8	4	5	9	1.499470724	0.584453355			
32	32	4	13	1.49950502	0.584486352			
256	128	13	25	1.49958872	0.584566879			
8	16	5	12	1.499610039	0.584587389			
128	128	11	23	1.499745648	0.584717845			
256	64	6	17	1.499968327	0.584932038			
256	2048	1	20	1.500064842	0.585024864			
32	128	7	19	1.500120847	0.585078726			
2048	4096	2	23	1.500257675	0.58521031			
64	16	10	17	1.500274412	0.585226405			
16	128	5	17	1.500344698	0.585293992			
2048	2048	6	25	1.500379702	0.58532765			
512	128	5	18	1.50042023	0.58536662			

64	2	6	11	1.500521286	0.585463785			
4096	1024	3	22	1.500679034	0.585615445			
128	256	3	17	1.500710845	0.585646027			
2048	128	1	19	1.500824532	0.585755315			
512	128	13	25	1.500831353	0.585761871			
4	128	1	13	1.500882291	0.585810836			
512	16	15	22	1.50091018	0.585837643			
512	512	3	19	1.500934719	0.58586123			
256	128	11	23	1.501140382	0.5860589			
1024	2048	4	23	1.501160305	0.586078047			
4096	128	5	21	1.501193189	0.58610965			
4	16	3	10	1.501206021	0.586121981			
128	4	7	13	1.501253587	0.586167693			
512	64	5	17	1.501323833	0.586235198			
2048	64	3	19	1.501688359	0.586585446			
1024	32	9	19	1.501781455	0.586674882			
32	16	8	15	1.50187699	0.586766655			
64	128	7	19	1.501881721	0.5867712			
2048	2048	1	21	1.501923486	0.586811318			
1024	64	5	18	1.501968654	0.586854704			
4096	128	10	23	1.502032423	0.586915955			
512	2048	2	21	1.502043796	0.586926879			
32	128	5	17	1.502326108	0.587198011			
256	128	1	15	1.50235064	0.587221568			
64	16	1	11	1.502409938	0.587278512			
64	256	1	15	1.502421914	0.587290011			
256	16	13	20	1.502510297	0.587374878			
16	32	2	11	1.502761344	0.58761591			
2	16	1	8	1.503050146	0.587893142			
1024	128	13	25	1.503209657	0.58804624			
128	32	2	13	1.503335123	0.588166651			
8	128	1	13	1.503401408	0.58823026			
2048	2048	5	24	1.503412513	0.588240916			
2	2	5	7	1.503451178	0.58827802			
32	1024	8	25	1.503512427	0.588336793			
64	4	7	12	1.503556161	0.588378757			

256	512	1	17	1.50356412	0.588386393			
32	1024	7	24	1.503565601	0.588387815			
64	1024	8	25	1.503617963	0.588438056			
32	1024	6	23	1.503645464	0.588464442			
4096	256	11	25	1.503672728	0.588490601			
16	16	6	13	1.503710485	0.588526826			
4096	512	2	21	1.503713349	0.588529574			
64	1024	7	24	1.503724047	0.588539837			
32	1024	5	22	1.503765368	0.588579481			
512	128	11	23	1.503809665	0.588621979			
128	1024	8	25	1.503828328	0.588639883			
64	1024	6	23	1.503883218	0.588692541			
128	32	7	16	1.503915775	0.588723773			
128	64	4	15	1.503926333	0.588733901			
32	1024	4	21	1.503945301	0.588752096			
32	8	3	10	1.503985914	0.588791055			
128	1024	7	24	1.504039444	0.588842403			
128	4	1	12	1.5040529	0.58885531			
1024	256	4	19	1.504076379	0.58887783			
64	1024	5	22	1.504121872	0.588921467			
2048	128	2	19	1.504193885	0.588990537			
32	1024	3	20	1.504215151	0.589010933			
256	1024	8	25	1.504246258	0.589040768			
4096	1024	5	23	1.504284681	0.589077618			
128	16	11	18	1.504323819	0.589115153			
128	1024	6	23	1.504355597	0.589145629			
256	32	1	14	1.504397031	0.589185365			
64	1024	4	21	1.504479363	0.589264317			
1024	2048	3	22	1.504566951	0.589348306			
32	1024	2	19	1.504619537	0.589398729			
256	1024	7	24	1.504664366	0.589441712			
128	1024	5	22	1.504828374	0.589598956			
256	128	3	16	1.504934159	0.58970037			
4096	512	5	22	1.504991405	0.589755248			
64	1024	3	20	1.505014212	0.589777111			
512	1024	8	25	1.505071179	0.589831717			

1024	64	9	20	1.505158052	0.589914988			
16	1	1	7	1.505203814	0.589958851			
32	1024	1	18	1.505224968	0.589979126			
128	128	7	19	1.50525784	0.590010632			
256	1024	6	23	1.505288119	0.590039652			
2048	64	4	19	1.505510189	0.590252472			
32	1	5	9	1.505515278	0.590257349			
128	1024	4	21	1.505534067	0.590275354			
2048	256	9	23	1.505585125	0.59032428			
64	8	7	13	1.505618274	0.590356043			
2048	1024	1	20	1.505754157	0.590486241			
64	1024	2	19	1.505813204	0.590542815			
8	16	4	11	1.505826173	0.590555241			
4096	256	4	21	1.505844596	0.590572891			
512	2048	1	20	1.505883166	0.590609843			
512	1024	7	24	1.505891446	0.590617775			
1024	32	7	18	1.505892858	0.590619128			
64	128	5	17	1.506133401	0.590849557			
2048	128	8	21	1.506188784	0.590902608			
256	1024	5	22	1.506216136	0.590928806			
4096	2048	6	25	1.506239167	0.590950865			
64	16	9	16	1.506393278	0.591098467			
2048	4096	1	22	1.506414808	0.591119086			
128	1024	3	20	1.506584963	0.591282035			
512	128	1	16	1.506627814	0.591323069			
1024	1024	8	25	1.506679172	0.591372246			
256	16	3	14	1.50670096	0.591393109			
256	8	8	15	1.506786341	0.59147486			
64	1024	1	18	1.50700463	0.591683849			
16	16	1	9	1.507105376	0.591780293	meruthree-p.16		
512	1024	6	23	1.507106327	0.591781203			
2048	256	1	19	1.507392636	0.59205525			
1024	32	1	17	1.507483121	0.592141848			
64	32	5	14	1.507545229	0.592201287			
64	8	3	11	1.507551228	0.592207027			
256	1024	4	21	1.507592016	0.59224606			

2048	128	13	25	1.507596151	0.592250017			
4	4	3	7	1.507691639	0.592341392			
2048	2048	4	23	1.50773149	0.592379524			
512	32	7	17	1.508103347	0.592735297			
128	1024	2	19	1.508145422	0.592775547			
1024	1024	7	24	1.508260007	0.592885155			
16	128	1	13	1.50828143	0.592905646			
4	16	2	9	1.508293455	0.592917148			
512	32	10	19	1.508304814	0.592928013			
64	64	2	13	1.508613108	0.593222867			
1024	128	11	23	1.50873237	0.593336913			
4096	1024	1	21	1.508815384	0.593416291			
512	1024	5	22	1.508896585	0.593493931			
2048	128	3	19	1.509136186	0.593723002			
256	16	12	19	1.509203694	0.593787537			
512	256	2	17	1.509364262	0.59394102			
128	16	4	13	1.50937809	0.593954237			
256	8	5	14	1.509424184	0.593998294			
1024	2048	2	21	1.509438779	0.594012245			
512	64	7	18	1.509441421	0.59401477			
1024	32	2	17	1.509502047	0.594072714			
128	8	1	12	1.509606876	0.594172899			
256	1024	3	20	1.509623025	0.594188333			
2048	1024	8	25	1.509741494	0.594301545			
4	1	5	6	1.509827534	0.594383761		metaslendro-complement-grady	
4096	256	7	22	1.510178426	0.594719013			
512	64	3	16	1.510250325	0.594787697			
512	256	5	19	1.510260814	0.594797717			
2048	512	3	20	1.510275788	0.594812021			
128	128	1	14	1.510313103	0.594847666			
128	1024	1	18	1.510454657	0.594982876			
1024	1024	6	23	1.51057052	0.595093537			
1024	128	6	19	1.511014005	0.595517033			
4096	512	7	23	1.511166553	0.595662675			
2048	64	5	19	1.511168061	0.595664115			
32	4	2	9	1.511327287	0.595816118			

1024	64	1	17	1.51141044	0.595895493			
256	128	7	19	1.511503075	0.595983914			
512	1024	4	21	1.511518098	0.595998253			
16	16	5	12	1.511542229	0.596021285			
4096	2048	5	24	1.511622045	0.596097463			
1024	1024	1	19	1.511779667	0.59624789			
128	16	10	17	1.51183212	0.596297946			
4096	4096	2	23	1.511896138	0.596359035			
32	1	10	11	1.51209733	0.596551006			
256	32	8	17	1.512237959	0.596685174			
1024	32	3	17	1.512514211	0.596948697			
256	1024	2	19	1.512605406	0.59703568			
2048	1024	7	24	1.512692313	0.597118568			
1	2	3	5	1.512876397	0.597294123			
256	256	3	17	1.513155526	0.597560279			
128	128	5	17	1.513202472	0.597605038			
32	8	5	11	1.513658291	0.598039553			
2048	256	2	19	1.513691223	0.598070941			
2048	2048	3	22	1.513806064	0.598180391			
64	2	13	15	1.513862663	0.59823433			
1024	1024	5	22	1.513917943	0.59828701			
64	4	5	11	1.514025364	0.598389374			
256	64	5	16	1.514470045	0.598813043			
512	32	5	16	1.514614893	0.59895102			
2048	64	10	21	1.514615359	0.598951463			
16	1	2	7	1.5147154	0.599046751			
8	16	3	10	1.514800596	0.599127894			
2048	512	5	21	1.514822652	0.5991489			
64	16	8	15	1.514872588	0.599196458			
4096	256	5	21	1.51489968	0.599222259			
512	16	13	20	1.514934195	0.599255128			
4096	128	13	25	1.515220939	0.599528173			
1024	64	2	17	1.515313064	0.599615886			
512	1024	3	20	1.515327642	0.599629765			
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1	8	19	24	1.515730586	0.600013344			

1	8	18	23	1.515737814	0.600020224			
2	64	13	23	1.515737815	0.600020225			
2	8	19	24	1.5157446	0.600026683			
1	8	17	22	1.515748768	0.60003065			
2	8	18	23	1.51575905	0.600040436			
4	64	13	23	1.515759053	0.600040439			
1	8	16	21	1.515765366	0.600046448			
2	64	11	21	1.51576537	0.600046452			
4	8	19	24	1.515772612	0.600053344			
2	8	17	22	1.515780944	0.600061274			
4	8	18	23	1.515801486	0.600080826			
8	64	13	23	1.515801498	0.600080837			
2	8	16	21	1.51581411	0.600092841			
4	64	11	21	1.515814125	0.600092856			
8	8	19	24	1.51582857	0.600106604			
1	8	14	19	1.515828611	0.600106643			
2	64	9	19	1.515828632	0.600106663			
16	512	8	23	1.515829793	0.600107767			
4	8	17	22	1.515845217	0.600122447			
8	8	18	23	1.515886216	0.600161467			
16	64	13	23	1.515886263	0.600161512			
1	8	13	18	1.515886311	0.600161557			
16	512	7	22	1.515888105	0.600163266			
4	8	16	21	1.515911428	0.600185461			
8	64	11	21	1.51591149	0.600185521			
16	8	19	24	1.515940228	0.60021287			
2	8	14	19	1.515940392	0.600213027			
4	64	9	19	1.515940475	0.600213105			
32	512	8	23	1.515942765	0.600215285			
8	8	17	22	1.515973454	0.600244491			
1	8	12	17	1.515973672	0.600244698			
2	64	7	17	1.51597378	0.600244802			
16	8	18	23	1.51605511	0.600322198			
32	64	13	23	1.516055298	0.600322377			
2	8	13	18	1.516055487	0.600322556			
32	512	7	22	1.516059103	0.600325997			

8	8	16	21	1.516105392	0.600370046			
16	64	11	21	1.51610564	0.600370282			
1	8	11	16	1.516105889	0.600370519			
32	8	19	24	1.516162513	0.6004244			
4	8	14	19	1.516163167	0.600425022			
8	64	9	19	1.516163494	0.600425334			
64	512	8	23	1.516167957	0.60042958			
16	8	17	22	1.516228701	0.60048738			
2	8	12	17	1.516229563	0.6004882			
4	64	7	17	1.516229995	0.600488611			
16	512	4	19	1.516312266	0.600566889			
1024	2048	1	20	1.516333087	0.600586699			
2048	128	4	19	1.51637558	0.600627128			
32	8	18	23	1.516390663	0.600641478			
64	64	13	23	1.516391406	0.600642186			
4	8	13	18	1.516392153	0.600642896			
128	4096	3	23	1.5163929	0.600643607			
64	512	7	22	1.516399489	0.600649875			
16	8	16	21	1.516490669	0.600736621			
32	64	11	21	1.516491649	0.600737554			
2	8	11	16	1.516492635	0.600738491			
1024	512	1	18	1.516543154	0.600786551			
128	256	1	15	1.5165495	0.600792588			
4096	128	9	22	1.516577174	0.600818914			
64	8	19	24	1.516603035	0.600843515			
8	8	14	19	1.516605607	0.600845961			
16	64	9	19	1.5166069	0.600847191			
1	8	9	14	1.5166082	0.600848429			
128	512	8	23	1.516615359	0.600855239			
512	128	4	17	1.516702962	0.600938569			
1024	32	11	20	1.516729134	0.600963464			
32	8	17	22	1.516734367	0.600968442			
4	8	12	17	1.516737757	0.600971666			
8	64	7	17	1.516739463	0.600973289			
128	64	1	13	1.516872107	0.601099452			
32	512	4	19	1.516902867	0.601128707			

2048	1024	6	23	1.516909279	0.601134806			
512	16	9	17	1.516939941	0.601163968			
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16	32	1	10	1.517000026	0.60122111			
1024	32	4	17	1.517012023	0.60123252			
64	8	18	23	1.517053034	0.601271521			
128	64	13	23	1.517055934	0.601274279			
8	8	13	18	1.517058859	0.601277061			
256	4096	3	23	1.517061784	0.601279842			
1	8	8	13	1.517064761	0.601282673			
2	64	3	13	1.517067737	0.601285504			
128	512	7	22	1.517073927	0.601291389			
16	512	2	17	1.517079966	0.601297133			
128	8	6	13	1.517111958	0.601327556			
32	2	4	9	1.517199164	0.601410482			
32	8	16	21	1.517250867	0.601459645			
64	64	11	21	1.517254688	0.601463278			
4	8	11	16	1.517258547	0.601466947			
128	4096	1	21	1.517262405	0.601470616			
2048	128	11	23	1.517287798	0.601494761			
128	8	19	24	1.517468391	0.601666466			
32	128	1	13	1.517470155	0.601668143			
16	8	14	19	1.517478353	0.601675937			
32	64	9	19	1.51748339	0.601680726			
128	4	11	15	1.517484329	0.601681618			
2	8	9	14	1.517488486	0.60168557			
256	512	8	23	1.517498506	0.601695096			
16	8	1	8	1.517635965	0.601825774			
64	8	17	22	1.517727018	0.601912327			
8	8	12	17	1.517740142	0.601924802			
16	64	7	17	1.517746789	0.601931121			
1	8	7	12	1.517753524	0.601937523			
16	512	1	16	1.517777342	0.601960163			
64	512	4	19	1.518069154	0.602237513			
256	16	11	18	1.518208711	0.602370135			
128	8	18	23	1.518344394	0.602499063			

256	64	13	23	1.518355438	0.602509556			
16	8	13	18	1.518366669	0.602520228			
512	4096	3	23	1.518377894	0.602530894			
2	8	8	13	1.518389516	0.602541936			
256	512	7	22	1.518398267	0.602550251			
4	64	3	13	1.518401135	0.602552976			
32	512	2	17	1.518421697	0.602572513			
32	16	6	13	1.518431202	0.602581543			
2	4	1	5	1.518512153	0.602658455			
4096	1024	2	21	1.518557331	0.602701377			
4	16	1	8	1.518699126	0.602836081			
1024	1024	4	21	1.51871691	0.602852975			
64	8	16	21	1.518731745	0.602867068			
128	64	11	21	1.518746275	0.60288087			
8	8	11	16	1.518761089	0.602894943			
256	4096	1	21	1.518775893	0.602909005			
1	8	6	11	1.5187913	0.60292364			
8	2	4	7	1.518795237	0.60292738			
2	64	1	11	1.518806704	0.602938272			
1024	128	1	17	1.518858597	0.602987564			
4096	2048	4	23	1.519042552	0.603162283			
1024	512	3	19	1.519086005	0.603203552			
256	8	19	24	1.519140121	0.603254946			
32	8	14	19	1.519177593	0.603290532			
64	64	9	19	1.519196735	0.60330871			
4	8	9	14	1.519216308	0.603327297			
512	512	8	23	1.519220212	0.603331005			
4096	128	1	20	1.519235864	0.603345868			
2048	512	1	19	1.519286313	0.603393775			
2048	64	6	19	1.519571335	0.603664402			
128	8	17	22	1.51964225	0.603731728			
16	8	12	17	1.519691545	0.603778526			
32	64	7	17	1.519716805	0.603802507			
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4096	256	9	23	1.519780244	0.603862729			
32	512	1	16	1.519794357	0.603876126			

1024	64	8	19	1.519861354	0.603939723			
512	16	7	16	1.520006027	0.604077044			
128	16	1	12	1.520187381	0.604249164			
128	512	4	19	1.52034456	0.604398323			
512	16	1	15	1.520414341	0.604464538			
128	64	3	14	1.520481806	0.604528553			
4096	1024	7	24	1.520567631	0.604609985			
256	64	1	14	1.52058889	0.604630155			
256	8	18	23	1.520804718	0.604834913			
512	1024	2	19	1.520814906	0.604844577			
512	64	13	23	1.520844968	0.604873095			
32	8	13	18	1.520886522	0.604912513			
1024	4096	3	23	1.520927983	0.604951842			
512	512	7	22	1.5209547	0.604977185			
4	8	8	13	1.520972328	0.604993906			
8	64	3	13	1.521016646	0.605035942			
64	512	2	17	1.521043035	0.605060972			
1024	64	3	17	1.521092606	0.605107989			
64	16	2	11	1.521329127	0.605332302			
2	1	1	3	1.521379707	0.605380267		meruthree-	prisec p.17
128	8	16	21	1.52154901	0.605540805			
256	64	11	21	1.521601834	0.60559089			
16	8	11	16	1.521656625	0.605642839			
512	4096	1	21	1.521711271	0.605694649			
32	2	11	13	1.521759181	0.60574007			
2	8	6	11	1.521770313	0.605750623			
4	64	1	11	1.521829325	0.605806568			
128	16	9	16	1.522013897	0.605981531			
4096	4096	1	22	1.522160961	0.606120925			
2048	2048	2	21	1.522232454	0.606188684			
64	32	4	13	1.522346471	0.60629674			
512	128	7	19	1.522405853	0.606353013			
64	8	14	19	1.522407273	0.606354359			
2048	128	7	20	1.522428479	0.606374455			
128	64	9	19	1.522476764	0.60642021			
1024	512	8	23	1.522499895	0.606442128			

8	8	9	14	1.522549236	0.606488882			
64	2	7	11	1.522563666	0.606502555			
4096	256	1	20	1.52262148	0.606557336			
16	16	4	11	1.522658119	0.606592051			
1	8	4	9	1.522700465	0.606632173			
64	2	1	10	1.52277943	0.606706987			
2048	256	3	19	1.522780977	0.606708452			
512	16	2	15	1.522802493	0.606728837			
4096	512	4	21	1.522825512	0.606750645			
2048	1024	5	22	1.522853652	0.606777304			
256	8	17	22	1.523224319	0.607128417			
32	8	1	9	1.523388308	0.607283728			
32	8	12	17	1.523399706	0.607294523			
16	2	1	7	1.523463778	0.607355199			
64	64	7	17	1.523491415	0.607381371			
256	128	2	15	1.523540963	0.60742829			
4	8	7	12	1.523587664	0.607472512			
4096	128	3	20	1.523683561	0.607563314			
64	512	1	16	1.523704682	0.607583313			
1024	32	5	17	1.523749313	0.607625571			
512	512	1	17	1.524131602	0.607987478			
256	512	4	19	1.524684683	0.608510913			
512	32	1	15	1.524943572	0.60875586			
128	32	3	13	1.525118794	0.608921621			
256	16	7	15	1.525436612	0.609222232			
1024	64	13	23	1.525444255	0.60922946			
512	16	12	19	1.525479056	0.609262373			
256	32	3	14	1.525490207	0.609272919			
1024	1024	3	20	1.525514635	0.60929602			
64	8	13	18	1.525588342	0.609365724			
256	128	5	17	1.525612345	0.609388422			
2048	4096	3	23	1.525731317	0.609500924			
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512	64	6	17	1.526054186	0.60980619			
128	512	2	17	1.526055427	0.609807362			

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64	4	9	13	1.526154563	0.60990108			
1024	128	2	17	1.526175719	0.609921079			
1	8	3	8	1.526228333	0.609970814			
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256	8	16	21	1.526693431	0.610410389			
512	64	11	21	1.526871202	0.61057837			
2048	128	5	19	1.526982623	0.610683644			
32	8	11	16	1.527061095	0.610757783			
1024	4096	1	21	1.527249242	0.610935525			
256	32	7	16	1.527260644	0.610946295			
128	4	5	12	1.527423388	0.61110002			
4	8	6	11	1.527466988	0.6111412			
128	4	8	13	1.527558831	0.611227944			
64	2048	7	25	1.527571652	0.611240052			
8	64	1	11	1.527684337	0.611346472			
128	2048	7	25	1.527707796	0.611368626			
64	2048	5	23	1.527753188	0.611411492			
8	16	2	9	1.527775008	0.611432097			
4096	1024	6	23	1.527788473	0.611444812			
64	64	1	12	1.52783847	0.611492023			
256	2048	7	25	1.527978962	0.61162468			
128	2048	5	23	1.528069469	0.611710133			
1024	256	5	19	1.528189251	0.611823218			
128	8	14	19	1.528295836	0.611923837			
2048	512	8	23	1.528499939	0.612116495			
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256	64	9	19	1.528529151	0.612144067			
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32	32	2	11	1.529048885	0.612634531			
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2	8	4	9	1.529324478	0.612894537			

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16	1	3	7	1.529458207	0.613020685			
512	32	2	15	1.529569788	0.613125933			
1024	2048	7	25	1.529575473	0.613131295			
64	4	1	10	1.529618919	0.613172273			
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256	16	10	17	1.530136509	0.613660367			
64	8	12	17	1.530158492	0.613681093			
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2048	512	2	19	1.530440624	0.613947074			
128	64	7	17	1.530466405	0.613971377			
16	1	8	9	1.530748651	0.614237412			
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128	2048	1	19	1.530834564	0.614318381			
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512	16	4	15	1.531845433	0.615270733			
32	16	5	12	1.531856385	0.615281048			
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32	256	11	24	1.532101199	0.615511594			
16	256	9	22	1.53212458	0.615533611			
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32	256	5	18	1.533690575	0.617007446			
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128	256	5	18	1.538623065	0.62163984			
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16	64	1	11	1.538708382	0.621719836			

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256	64	7	17	1.54262612	0.625388445			
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4	2	2	5	1.543689013	0.626382141		series 2	
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512	32	4	15	1.546949942	0.629426513			
128	256	3	16	1.546968375	0.629443704			
512	64	5	16	1.547320207	0.629771784			
256	32	13	21	1.547435129	0.62987893			
512	1024	5	21	1.547502881	0.629942095			
256	8	13	18	1.547566379	0.630001292			
8	32	5	13	1.547574289	0.630008666			
64	4	3	10	1.547631937	0.630062406			
512	256	6	19	1.548039989	0.630442739			
256	128	1	14	1.54810517	0.630503484			
1024	1024	1	18	1.548127512	0.630524304			

4096	512	7	22	1.548250632	0.630639035			
2048	64	5	18	1.548402524	0.630780564			
128	32	11	19	1.548408896	0.630786501			
32	8	2	9	1.548466856	0.630840503			
256	1024	3	19	1.548504224	0.630875318			
256	16	2	13	1.548511583	0.630882174			
4	32	3	11	1.548605697	0.630969855			
2048	256	9	22	1.549116013	0.631445191			
512	128	1	15	1.549158327	0.631484598			
64	16	3	11	1.549367523	0.631679404			
4096	1024	9	25	1.549441369	0.631748165			
128	4096	6	25	1.549443593	0.631750235			
1024	32	7	17	1.549451281	0.631757393			
128	4096	5	24	1.549544404	0.631844098			
64	32	9	17	1.54957147	0.631869298			
256	4096	6	25	1.549626892	0.631920895			
64	256	1	14	1.549692727	0.631982186			
128	4096	4	23	1.549700316	0.631989252			
128	1024	1	17	1.549706041	0.631994581			
256	4096	5	24	1.549827709	0.632107844			
2	32	1	9	1.549851017	0.63212954			
128	4096	3	22	1.549941281	0.632213561			
512	4096	6	25	1.549991551	0.632260352			
256	4096	4	23	1.55013776	0.632396432			
128	4096	2	21	1.550313352	0.632559845			
512	4096	5	24	1.550390015	0.632631184			
32	8	8	13	1.550410566	0.632650308			
32	16	4	11	1.55044656	0.632683801			
1024	32	15	23	1.550612441	0.632838145			
256	4096	3	22	1.550615809	0.632841279			
4096	1024	4	21	1.550635553	0.632859648			
1024	4096	6	25	1.55071326	0.632931945			
2048	64	11	21	1.550734132	0.632951363			
2048	1024	7	23	1.550781341	0.632995282			
16	4	5	9	1.550792599	0.633005755			
256	256	4	17	1.550871729	0.633079368			

128	4096	1	20	1.550887173	0.633093734			
32	32	7	15	1.550964699	0.63316585			
512	4096	4	23	1.551003156	0.633201622			
128	8	7	13	1.551089947	0.63328235			
1024	64	1	16	1.551155566	0.633343382			
2048	64	8	19	1.551172533	0.633359163			
512	512	2	17	1.551243609	0.633425267			
1024	2048	1	19	1.55132723	0.633503034			
256	4096	2	21	1.551351558	0.633525658			
32	1	1	8	1.551364228	0.63353744			
1024	4096	5	24	1.55149784	0.633661688			
256	8	4	13	1.551714622	0.633863254			
512	4096	3	22	1.551944158	0.634076647			
1024	256	7	20	1.552039295	0.634165084			
64	64	3	13	1.552070914	0.634194476			
2048	4096	6	25	1.552127292	0.63424688			
512	32	13	21	1.552147385	0.634265556			
128	8	11	16	1.552350857	0.634454667			
1024	1024	5	21	1.552383058	0.634484593			
1024	128	4	17	1.552463918	0.634559738			
256	4096	1	20	1.55248128	0.634575872			
16	32	5	13	1.552642808	0.63472597			
1024	4096	4	23	1.552697342	0.634776641			
1024	32	3	16	1.55291532	0.634979162			
256	32	1	13	1.553016945	0.635073571			
4096	128	1	19	1.55312899	0.635177653			
32	32	1	10	1.553185147	0.635229816			
4096	256	10	23	1.553187303	0.635231818			
16	1	4	7	1.553356424	0.6353889			
512	4096	2	21	1.553383345	0.635413903			
2048	4096	5	24	1.553649628	0.635661191			
4096	4096	1	21	1.553843753	0.635841441			
256	32	11	19	1.553976981	0.635965133			
4	8	3	8	1.554103441	0.636082533			
128	256	2	15	1.554295229	0.636260561			
512	1024	3	19	1.554307148	0.636271625			

4	128	14	25	1.554415467	0.636372161			
4	128	13	24	1.554420558	0.636376886			
8	128	14	25	1.554424649	0.636380684			
4	128	12	23	1.554428471	0.636384231			
8	128	13	24	1.554434829	0.636390132			
16	128	14	25	1.554443009	0.636397723			
8	128	12	23	1.554450649	0.636404815			
4	128	10	21	1.55445988	0.636413382			
16	128	13	24	1.554463358	0.63641661			
32	128	14	25	1.554479702	0.636431779			
4	128	9	20	1.554489576	0.636440942			
16	128	12	23	1.554494974	0.636445952			
8	128	10	21	1.554513423	0.636463074			
32	128	13	24	1.554520359	0.636469511			
1024	4096	3	22	1.554522125	0.63647115			
4	128	8	19	1.554535712	0.63648376			
64	128	14	25	1.554552992	0.636499796			
8	128	9	20	1.554572746	0.636518129			
32	128	12	23	1.554583495	0.636528104			
2048	256	5	19	1.554595005	0.636538786			
4	128	7	18	1.554607374	0.636550265			
16	128	10	21	1.554620344	0.6365623			
64	128	13	24	1.554634136	0.6365751			
8	128	8	19	1.554664863	0.636603614			
8	32	3	11	1.554677782	0.636615602			
128	128	14	25	1.554699178	0.636635457			
4	128	6	17	1.554718656	0.636653532			
16	128	9	20	1.554738712	0.636672143			
64	128	12	23	1.554760024	0.636691919			
8	128	7	18	1.554807845	0.636736292			
32	128	10	21	1.554833526	0.636760121			
4096	4096	6	25	1.554845568	0.636771295			
128	128	13	24	1.554860796	0.636785424			
4	128	5	16	1.554891396	0.636813816			
16	128	8	19	1.554922331	0.636842519			
16	2	5	8	1.554983751	0.636899505			

256	128	14	25	1.554989995	0.636905298			
8	128	6	17	1.555029656	0.636942094			
32	128	9	20	1.555069167	0.63697875			
128	128	12	23	1.555111056	0.637017612			
1024	512	1	17	1.555149795	0.63705355			
4	128	4	15	1.555159412	0.637062471			
16	128	7	18	1.555206937	0.63710656			
4096	128	2	19	1.555212354	0.637111584			
64	128	10	21	1.555257283	0.637153262			
256	128	13	24	1.555310588	0.637202708			
8	128	5	16	1.555373505	0.637261069			
32	128	8	19	1.555433974	0.637317156			
512	256	5	18	1.555540132	0.637415616			
512	128	14	25	1.555565527	0.637439169			
2048	512	1	18	1.555567276	0.637440791			
512	4096	1	20	1.555574765	0.637447736			
4	128	3	14	1.555575016	0.637447969			
16	128	6	17	1.55564759	0.637515276			
128	8	5	12	1.555653126	0.637520409			
64	128	9	20	1.555724254	0.637586371			
256	128	12	23	1.555805174	0.63766141			
8	128	4	15	1.555906043	0.637754943			
1024	64	9	19	1.555933722	0.637780607			
2048	4096	4	23	1.555949197	0.637794956			
32	128	7	18	1.555997847	0.637840064			
4096	128	7	20	1.556017264	0.637858067			
128	128	10	21	1.556094591	0.637929761			
128	32	9	17	1.556168601	0.637998376			
16	8	6	11	1.556185487	0.63801403			
512	128	13	24	1.556196443	0.638024187			
4	128	2	13	1.556219068	0.638045162			
16	128	5	16	1.556328875	0.638146955			
64	128	8	19	1.556444375	0.638254018			
512	16	10	17	1.556509431	0.638314318			
8	4	1	6	1.556621173	0.638417886			
256	1024	1	17	1.556633874	0.638429657			

1024	128	14	25	1.556693055	0.638484505			
8	128	3	14	1.556729894	0.638518646			
2048	256	8	21	1.556744379	0.63853207			
4096	256	1	19	1.556849605	0.638629583			
32	128	6	17	1.55686756	0.638646222			
128	32	4	13	1.557007538	0.638775929			
128	128	9	20	1.557011845	0.63877992			
256	16	3	13	1.557136967	0.63889585			
512	128	12	23	1.557162853	0.638919834			
4	32	1	9	1.55716805	0.638924649			
4	128	1	12	1.557216522	0.638969557			
1024	4096	2	21	1.557280477	0.639028807			
16	128	4	15	1.557380306	0.639121288			
16	4	1	7	1.55746962	0.639204022			
2048	1024	2	19	1.55753191	0.639261721			
64	128	7	18	1.557551471	0.63927984			
4096	4096	5	24	1.557720995	0.639436854			
256	128	10	21	1.557730057	0.639445247			
1024	128	13	24	1.557916067	0.63961751			
8	128	2	13	1.558002825	0.639697849			
64	8	9	14	1.55809242	0.639780811			
4096	1024	7	23	1.55819388	0.639874753			
32	128	5	16	1.55820533	0.639885355			
256	64	3	14	1.558376912	0.640044209			
4096	128	3	19	1.558401549	0.640067017			
128	128	8	19	1.55841584	0.640080247			
8	1	6	7	1.558428958	0.64009239			
32	64	1	11	1.558484575	0.640143876			
64	32	7	15	1.558811419	0.640446405			
2048	128	14	25	1.558860378	0.640491717			
32	1	7	9	1.558911997	0.640539488			
16	128	3	14	1.558999508	0.640620473			
64	128	6	17	1.559246673	0.640849181			
2048	4096	3	22	1.559392163	0.640983789			
1024	128	1	16	1.559472583	0.641058189			
256	128	9	20	1.559501919	0.641085328			

1024	128	12	23	1.559764907	0.641328598			
256	256	3	16	1.559779424	0.641342025			
256	8	12	17	1.559831742	0.641390415			
4	2	5	7	1.559855644	0.641412522			
8	128	1	12	1.559967295	0.641515783			
4096	2048	1	20	1.560052882	0.641594934			
512	32	7	16	1.560131444	0.641667584			
32	2	1	8	1.560253252	0.641780218			
32	128	4	15	1.560256081	0.641782835			
1024	32	13	21	1.560412083	0.641927075			
128	128	7	18	1.560552664	0.642057045			
16	16	2	9	1.560828461	0.642311991			
512	128	10	21	1.560856476	0.642337884			
4096	256	2	19	1.56085967	0.642340837			
1024	256	6	19	1.561002931	0.642473246			
2048	1024	5	21	1.561150969	0.642610058			
128	4	1	11	1.561151922	0.642610939			
2048	128	13	24	1.561166889	0.64262477			
128	128	1	13	1.561400899	0.642841006			
2	8	1	6	1.561413505	0.642852653			
1024	4096	1	20	1.56141706	0.642855937			
16	512	11	25	1.56144427	0.642881079			
32	512	11	25	1.561470162	0.642905001			
16	512	9	23	1.561481503	0.64291548			
16	128	2	13	1.561487218	0.64292076			
64	512	11	25	1.561521899	0.642952802			
32	512	9	23	1.561544563	0.642973741			
1024	64	6	17	1.561553581	0.642982073			
128	512	11	25	1.561625194	0.643048233			
64	512	9	23	1.561670446	0.643090038			
64	2	8	11	1.56169968	0.643117045			
16	512	5	19	1.56179286	0.643203122			
64	128	5	16	1.561829285	0.643236769			
256	512	11	25	1.56183107	0.643238418			
128	512	9	23	1.561921273	0.643321738			
4096	4096	4	23	1.561973988	0.643370428			

32	32	5	13	1.562026946	0.643419341			
4096	256	9	22	1.562158153	0.64354052			
32	512	5	19	1.562165304	0.643547123			
512	64	7	17	1.562167185	0.643548861			
256	128	8	19	1.562177274	0.643558178			
512	512	11	25	1.562240001	0.643616106			
16	512	3	17	1.562328858	0.643698162			
256	8	5	13	1.562354179	0.643721544			
256	512	9	23	1.562419223	0.643781604			
4096	128	14	25	1.562887418	0.644213858			
64	512	5	19	1.562904134	0.644229288			
1024	64	3	16	1.562977609	0.644297111			
1024	512	11	25	1.563046846	0.644361018			
32	512	3	17	1.563229396	0.644529502			
4096	128	4	19	1.563275899	0.644572419			
8	8	4	9	1.563370285	0.644659522			
32	128	3	14	1.563387385	0.644675302			
512	512	9	23	1.563400673	0.644687564			
64	16	5	12	1.563585145	0.644857784			
16	512	1	15	1.563626933	0.64489634			
512	32	11	19	1.563700578	0.644964288			
256	32	2	13	1.563720201	0.644982392			
32	4	4	9	1.563773522	0.645031585			
128	128	6	17	1.563781457	0.645038906			
4096	512	1	19	1.563887454	0.645136692			
1024	256	3	17	1.563939284	0.645184505			
32	1	3	8	1.56414098	0.645370552			
512	128	9	20	1.564177833	0.645404543			
128	512	5	19	1.564358231	0.645570921			
2048	4096	2	21	1.564490771	0.645693148			
2048	128	12	23	1.564575368	0.645771157			
2048	512	11	25	1.564618467	0.645810898			
1024	1024	3	19	1.564728491	0.645912345			
512	128	2	15	1.564747572	0.645929937			
128	4	2	11	1.564861174	0.646034675			
128	256	1	14	1.564988907	0.646152431			

64	512	3	17	1.565001537	0.646164074			
32	8	7	12	1.56510332	0.6462579			
16	128	1	12	1.565300891	0.646440007			
1024	512	9	23	1.565308594	0.646447106			
2048	128	7	19	1.565588241	0.646704825			
64	128	4	15	1.565740018	0.646844682			
32	1	9	10	1.56575724	0.64686055			
32	512	1	15	1.565789741	0.646890496			
256	16	8	15	1.565868207	0.646962791			
16	32	3	11	1.565986756	0.647072011			
64	2048	8	25	1.566051976	0.647132096			
64	2048	7	24	1.566096944	0.64717352			
128	2048	8	25	1.566131383	0.647205245			
512	256	4	17	1.566162842	0.647234225			
64	2048	6	23	1.566167302	0.647238333			
256	128	7	18	1.566177197	0.647247448			
128	2048	7	24	1.56622115	0.647287935			
64	2048	5	22	1.566277347	0.647339699			
256	2048	8	25	1.56628981	0.647351178			
128	2048	6	23	1.566361486	0.647417197			
512	512	1	16	1.56643551	0.647485376			
64	2048	4	21	1.566449378	0.647498148			
256	2048	7	24	1.566468681	0.647515926			
128	2048	5	22	1.566580718	0.647619106			
64	8	5	11	1.566599545	0.647636444			
512	2048	8	25	1.566605136	0.647641594			
1024	128	10	21	1.566611161	0.647647142			
64	16	1	10	1.566647798	0.647680881			
64	2048	3	20	1.56671813	0.647745646			
256	2048	6	23	1.566747848	0.647773011			
512	16	1	14	1.566758643	0.647782952			
128	2048	4	21	1.56692286	0.647934157			
4096	256	3	19	1.566929545	0.647940312			
512	2048	7	24	1.566960258	0.64796859			
4096	128	13	24	1.567040752	0.648042698			
64	2048	2	19	1.567137597	0.648131856			

256	512	5	19	1.567177148	0.648168266			
256	2048	5	22	1.567182925	0.648173584			
1024	2048	8	25	1.567229779	0.648216716			
2048	256	7	20	1.567246569	0.648232172			
64	2	11	13	1.567322055	0.648301656			
32	16	1	9	1.567338116	0.64831644			
2048	128	5	18	1.567362932	0.648339283			
1024	32	5	16	1.567376596	0.64835186			
128	2048	3	20	1.567456101	0.648425038			
512	2048	6	23	1.56751268	0.648477114			
4096	512	11	25	1.56760774	0.648564602			
256	32	9	17	1.567660942	0.648613563			
128	8	1	11	1.567671002	0.648622822			
4096	1024	3	20	1.567713914	0.648662311			
64	2048	1	18	1.56779154	0.648733745			
256	2048	4	21	1.567859669	0.648796437			
2048	512	4	19	1.567921132	0.648852992			
1024	2048	7	24	1.567929801	0.648860969			
32	128	2	13	1.568148476	0.649062164			
4096	4096	3	22	1.568174268	0.649085892			
128	4	7	12	1.568263519	0.649167999			
128	2048	2	19	1.568285704	0.649188408			
512	2048	5	22	1.568369653	0.649265632			
128	512	3	17	1.568436158	0.649326807			
2048	2048	8	25	1.568455794	0.649344869			
128	128	5	16	1.568617886	0.649493955			
256	2048	3	20	1.568909569	0.649762198			
2048	512	9	23	1.568924457	0.649775889			
1024	2048	6	23	1.569011865	0.649856263			
512	128	8	19	1.569078091	0.649917155			
512	1024	1	17	1.56910464	0.649941565			
8	4	3	7	1.569562873	0.650362821			
128	2048	1	18	1.569573463	0.650372555			
512	2048	4	21	1.569694116	0.65048345			
2048	2048	7	24	1.569816956	0.650596348			
2048	2048	1	19	1.569836778	0.650614565			

64	512	1	15	1.569985841	0.650751548			
64	32	2	11	1.570023942	0.65078656			
2048	64	1	17	1.570391813	0.651124557			
256	16	4	13	1.570407054	0.651138558			
256	2048	2	19	1.57053285	0.65125412			
128	4	3	11	1.570641424	0.651353852			
1024	2048	5	22	1.570675779	0.651385408			
4096	128	5	19	1.570723462	0.651429205			
4096	2048	8	25	1.570820452	0.651518287			
8	32	1	9	1.570944104	0.651631849			
8	1	1	5	1.571057144	0.651735656			
4096	512	2	19	1.571349089	0.652003724			
256	64	1	13	1.571518522	0.652159276			
64	128	3	14	1.57162168	0.652253975			
512	2048	3	20	1.571731047	0.652354366			
2048	2048	6	23	1.571896231	0.652505981			
512	32	1	14	1.571905179	0.652514194			
2048	4096	1	20	1.571943352	0.652549228			
256	128	6	17	1.572087166	0.652681211			
256	32	5	14	1.572103531	0.65269623			
128	32	7	15	1.57248242	0.653043888			
512	512	5	19	1.572492778	0.653053392			
16	2	3	7	1.572511528	0.653070593			
256	256	2	15	1.572514524	0.653073342			
128	64	1	12	1.57252016	0.653078513			
1024	128	9	20	1.572535756	0.653092821			
4	8	2	7	1.572577834	0.653131424			
2048	64	2	17	1.572846914	0.65337826			
4096	128	12	23	1.572967372	0.653488745			
512	16	7	15	1.57301416	0.653531658			
256	2048	1	18	1.573031955	0.653547978			
1024	2048	4	21	1.573216867	0.653717559			
4096	2048	7	24	1.573401407	0.653886779			
1024	256	5	18	1.573408415	0.653893205			
1024	32	8	17	1.573753617	0.654209694			
4096	256	8	21	1.574212491	0.654630292			

512	16	3	14	1.574302915	0.65471316			
512	64	4	15	1.574408191	0.654809632			
1024	256	1	16	1.574537655	0.65492826			
2048	128	1	17	1.574643142	0.655024911			
128	4	9	13	1.574740938	0.655114509			
512	2048	2	19	1.574844125	0.655209041			
128	8	2	11	1.574905551	0.655265311			
256	512	3	17	1.574909463	0.655268895			
64	8	8	13	1.574960023	0.655315209			
2048	2048	5	22	1.575042978	0.655391195			
1024	128	5	17	1.575308154	0.655634069			
32	128	1	12	1.575360238	0.655681768			
4096	512	9	23	1.575483901	0.655795012			
512	256	1	15	1.57557491	0.655878349			
128	128	4	15	1.57579092	0.656076127			
4096	1024	5	21	1.575803564	0.656087703			
2048	64	7	18	1.575880831	0.656158442			
256	8	11	16	1.575902424	0.65617821			
4096	256	4	19	1.576085379	0.65634569			
512	128	7	18	1.57619856	0.656449288			
32	16	3	10	1.5762132	0.656462688			
1024	512	2	17	1.576561433	0.656781388			
2048	128	10	21	1.576584221	0.656802241			
4096	1024	1	19	1.576592344	0.656809674			
2048	64	3	17	1.576651641	0.656863934			
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1024	2048	3	20	1.577063608	0.65724085			
4096	2048	6	23	1.577262908	0.657423158			
32	4	1	8	1.577294742	0.657452275			
64	8	3	10	1.577450518	0.657594751			
128	16	6	13	1.577471322	0.657613778			
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128	512	1	15	1.577907775	0.658012886			
64	32	5	13	1.578438279	0.658497848			
512	16	9	16	1.578481883	0.658537702			
128	64	3	13	1.579253199	0.659242494			

256	8	6	13	1.579264503	0.659252822			
1024	32	11	19	1.579368627	0.659347937			
2048	128	2	17	1.579375305	0.659354038			
512	2048	1	18	1.579565585	0.659527841			
128	4	4	11	1.57973958	0.659686749			
2048	2048	4	21	1.579749302	0.659695628			
256	32	3	13	1.579930019	0.659860658			
128	16	1	11	1.580086475	0.660003516			
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256	128	5	16	1.580703481	0.660566763			
1024	128	8	19	1.580978275	0.660817543			
512	256	3	16	1.580994493	0.660832342			
1024	128	3	16	1.581420565	0.661221091			
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512	64	1	14	1.581669711	0.661448363			
1024	512	5	19	1.582055057	0.661799808			
2048	1024	3	19	1.58212269	0.661861482			
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1024	2048	2	19	1.58282452	0.66250132			
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512	512	3	17	1.586541772	0.665885507			
2048	128	3	17	1.586636057	0.66597124			
2048	2048	3	20	1.586688202	0.666018654			
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1	4	22	25	1.587406138	0.666671289			
2	16	19	25	1.587406138	0.666671289			
1	16	17	23	1.58740746	0.66667249			
4	64	16	25	1.587407833	0.66667283			
2	64	14	23	1.587409596	0.666674431			
2	4	22	25	1.587411223	0.66667591			
4	16	19	25	1.587411223	0.666675911			
8	256	13	25	1.587411223	0.666675911			
1	4	20	23	1.587413866	0.666678313			
2	16	17	23	1.587413867	0.666678313			
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4	64	14	23	1.587418137	0.666682195			
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1	4	19	22	1.587421392	0.666685152			
16	256	13	25	1.587421392	0.666685153			
2	4	20	23	1.587426676	0.666689955			
4	16	17	23	1.587426677	0.666689956			
8	256	11	23	1.587426678	0.666689957			
16	64	16	25	1.587428169	0.666691312			
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16	16	19	25	1.58744172	0.666703627			
2	4	19	22	1.587441721	0.666703628			
32	256	13	25	1.587441723	0.66670363			
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1	4	17	20	1.587452289	0.666713232			
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16	4	22	25	1.587482336	0.666740539			
32	16	19	25	1.587482343	0.666740545			
4	4	19	22	1.587482349	0.666740551			
64	256	13	25	1.587482355	0.666740556			
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16	16	17	23	1.587503456	0.666759732			
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32	256	11	23	1.587503476	0.66675975			
1	16	11	17	1.587503495	0.666759768			
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16	64	13	22	1.587509433	0.666765164			
128	4096	7	25	1.587509444	0.666765175			
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32	64	14	23	1.587537551	0.666790717			
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2	64	8	17	1.587537621	0.666790781			
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64	16	19	25	1.587563455	0.666814257			
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4	16	13	19	1.587563554	0.666814348			
8	256	7	19	1.587563604	0.666814393			
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32	16	17	23	1.587605603	0.666852559			
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64	256	11	23	1.587605682	0.66685263			
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256	16	17	23	1.589009492	0.668127743			
32	4	17	20	1.589011895	0.668129924			
512	256	11	23	1.589014298	0.668132106			
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512	64	13	22	1.590750991	0.66970802			
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128	64	10	19	1.590771631	0.66972674			

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256	64	2	13	1.590839988	0.669788732			
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256	16	5	13	1.591202811	0.67011773			
1024	2048	1	18	1.591344457	0.67024615			
1024	1024	7	22	1.591422471	0.670316875			
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64	1024	1	16	1.591482741	0.670371511			
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1024	64	14	23	1.591573769	0.670454027			
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64	64	8	17	1.59163796	0.670512213			
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2048	64	5	17	1.591705217	0.670573174			
256	512	1	15	1.592176535	0.671000306			
4096	256	13	25	1.592319396	0.671129748			
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64	4	16	19	1.592341378	0.671149665			
128	16	13	19	1.592363343	0.671169565			
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2048	1024	8	23	1.592408039	0.671210059			
256	256	7	19	1.592408044	0.671210064			
4	4	10	13	1.592431227	0.671231067			
8	16	7	13	1.592454399	0.671252061			
1	4	7	10	1.592478004	0.671273446			
4096	128	10	21	1.592488908	0.671283324			
128	1024	2	17	1.592500854	0.671294146			
16	256	1	13	1.592501593	0.671294816			
1024	32	1	15	1.592549216	0.671337958			

512	16	5	14	1.592716601	0.671489585			
1024	128	7	18	1.592772527	0.671540242			
256	128	4	15	1.593091615	0.671829236			
16	16	1	8	1.59309749	0.671834556			
64	128	1	12	1.593453681	0.672157083			
128	4	17	20	1.593523794	0.672220561			
2048	256	11	23	1.593556639	0.672250297			
32	4	14	17	1.593590998	0.672281403			
64	16	11	17	1.593625321	0.672312476			
8	4	11	14	1.593660419	0.672344249			
128	256	5	17	1.593695469	0.672375978			
64	4	7	11	1.593698457	0.672378684			
2	4	8	11	1.593732189	0.672409219			
4	16	5	11	1.593768888	0.672442439			
256	8	1	12	1.593843983	0.672510415			
128	16	2	11	1.593868641	0.672532734			
1024	64	13	22	1.593880512	0.67254348			
256	64	10	19	1.593955834	0.672611655			
64	64	7	16	1.594033791	0.672682212			
512	4096	1	19	1.594072666	0.672717396			
16	64	4	13	1.594114549	0.672755302			
16	4	2	7	1.594162221	0.672798445			
4	64	1	10	1.594198293	0.672831089			
128	4	5	11	1.594349918	0.672968298			
256	32	7	15	1.594447483	0.67305658			
2048	1024	7	22	1.595181317	0.673720418			
512	1024	4	19	1.595290298	0.673818977			
2048	64	14	23	1.595393563	0.673912362			
128	1024	1	16	1.595403896	0.673921706			
512	64	11	20	1.595506284	0.674014291			
1024	32	2	15	1.595522471	0.674028927			
4096	4096	5	23	1.595562382	0.674065015			
128	64	8	17	1.595623784	0.674120533			
16	32	1	9	1.595663379	0.674156333			
16	1	5	7	1.595736178	0.674222152			
32	64	5	14	1.595746431	0.674231421			

4096	256	1	18	1.595807528	0.674286657			
8	64	2	11	1.595874636	0.674347325			
64	2	1	9	1.596008861	0.674468661			
2048	2048	2	19	1.596751903	0.67514017			
128	4	16	19	1.596820852	0.675202465			
256	16	13	19	1.596897384	0.675271608			
32	4	13	16	1.596976467	0.675343053			
4096	1024	8	23	1.596990225	0.675355482			
4	4	1	5	1.597006172	0.675369889			
512	256	7	19	1.59705528	0.675414251			
8	4	10	13	1.597139827	0.675490624			
16	16	7	13	1.59722423	0.675566863			
2048	512	1	17	1.597229189	0.675571343			
2	4	7	10	1.597311636	0.67564581			
256	1024	2	17	1.597324147	0.67565711			
32	256	1	13	1.597398824	0.675724557			
32	1	5	8	1.597435306	0.675757505			
1024	64	1	15	1.597504427	0.67581993			
1	16	1	7	1.597586516	0.675894061			
64	8	7	12	1.597646795	0.675948495			
2048	128	4	17	1.597765526	0.676055707			
4096	2048	1	19	1.597887449	0.676165792			
2048	512	5	19	1.598068913	0.676329623			
4096	512	4	19	1.598706974	0.676905533			
16	8	4	9	1.598857912	0.677041735			
16	1	7	8	1.598906302	0.677085397			
4096	256	11	23	1.599032143	0.677198939			
64	4	14	17	1.599150662	0.677305867			
128	16	11	17	1.599268771	0.677412417			
512	128	1	14	1.599387159	0.67751921			
16	4	11	14	1.59939178	0.677523378			
256	256	5	17	1.599514212	0.677633811			
2048	64	13	22	1.599593535	0.677705355			
4	4	8	11	1.599647889	0.677754377			
4096	128	7	19	1.599680542	0.677783826			
8	16	5	11	1.599781297	0.677874691			

2048	128	8	19	1.599835464	0.677923538			
512	64	10	19	1.59984871	0.677935483			
1024	512	1	16	1.599917758	0.677997747			
1	4	5	8	1.599920708	0.678000407			
256	16	1	12	1.600059663	0.678125701			
128	64	7	16	1.600119982	0.678180087			
2048	256	5	18	1.600222955	0.678272926			
1024	4096	1	19	1.600254364	0.678301243			
32	64	4	13	1.600409217	0.678440843			
4	8	1	6	1.600414591	0.678445687			
512	128	5	16	1.600664234	0.678670711			
8	64	1	10	1.600718616	0.678719725			
64	2	2	9	1.601050795	0.67901908			
512	256	2	15	1.601435634	0.679365814			
128	128	2	13	1.601626046	0.679537341			
4096	1024	7	22	1.602045483	0.679915107			
1024	1024	4	19	1.602415719	0.680248479			
8	1	2	5	1.602502346	0.680326469			
1024	64	11	20	1.602569061	0.680386529			
1024	32	7	16	1.60257268	0.680389787			
128	32	1	11	1.602759501	0.680557961			
256	1024	1	16	1.602814426	0.680607399			
4096	2048	3	20	1.602865726	0.680653574			
256	128	1	13	1.602923107	0.68070522			
256	64	8	17	1.602961945	0.680740175			
1024	64	2	15	1.603245675	0.680995515			
64	64	5	14	1.603385712	0.681121524			
4096	512	1	18	1.603594858	0.681309697			
16	64	2	11	1.603844879	0.681534614			
4	1	4	5	1.604114097	0.681776761			
128	8	4	11	1.604121267	0.681783209			
64	4	1	9	1.60434499	0.681984405			
256	32	4	13	1.604799838	0.682393366			
2048	256	3	17	1.604811954	0.682404258			
128	32	5	13	1.6049332	0.682513252			
512	16	13	19	1.604964549	0.682541431			

64	4	13	16	1.605219577	0.682770656			
1024	256	7	19	1.605471833	0.682997354			
16	4	10	13	1.605758428	0.683254869			
1024	512	3	17	1.605981103	0.683454918			
2048	64	6	17	1.606025375	0.683494687			
32	16	7	13	1.606043438	0.683510914			
512	16	8	15	1.606073678	0.683538078			
16	2	7	9	1.606243196	0.683690343			
512	1024	2	17	1.606257914	0.683703562			
4	4	7	10	1.606347017	0.68378359			
64	256	1	13	1.606647984	0.68405387			
1024	128	1	15	1.606890141	0.684271299			
1	4	4	7	1.606993967	0.684364513			
256	8	7	13	1.607260647	0.684603908			
2	16	1	7	1.607339298	0.684674504			
4096	128	9	20	1.607461921	0.684784562			
1024	32	4	15	1.607588449	0.684898116			
64	32	1	10	1.607827972	0.685113055			
4096	1024	3	19	1.608516214	0.685730479			
128	16	5	12	1.608689899	0.68588625			
32	8	1	8	1.608772856	0.685960645			
128	4	14	17	1.608859741	0.686038559			
512	64	3	14	1.608864541	0.686042863			
1024	128	6	17	1.608931143	0.686102585			
256	16	11	17	1.609224756	0.686365837			
32	4	11	14	1.609616063	0.686716607			
512	256	5	17	1.610001592	0.687062115			
1024	64	10	19	1.610146842	0.687192265			
128	8	8	13	1.610372534	0.687394472			
8	4	8	11	1.610453557	0.687467056			
64	2048	9	25	1.610533471	0.687538644			
128	2048	9	25	1.610576572	0.687577253			
4096	256	6	19	1.610585533	0.68758528			
64	2048	7	23	1.610602158	0.687600172			
256	2048	9	25	1.610662661	0.687654366			
256	128	3	14	1.610670178	0.687661099			

128	2048	7	23	1.61071376	0.687700135			
64	2048	5	21	1.610780014	0.687759477			
512	2048	9	25	1.610834384	0.687808173			
16	16	5	11	1.610902561	0.687869232			
256	2048	7	23	1.610936293	0.687899442			
256	64	7	16	1.610999626	0.687956159			
128	2048	5	21	1.6110684	0.688017747			
2048	2048	1	18	1.611089009	0.688036202			
1024	2048	9	25	1.611176031	0.688114126			
64	2048	3	19	1.611239694	0.688171113			
512	2048	7	23	1.611378709	0.688295598			
2	4	5	8	1.611388698	0.688304542			
2048	4096	1	19	1.611413558	0.688326799			
256	2048	5	21	1.611641336	0.688530714			
2048	2048	9	25	1.611852261	0.688719515			
256	32	1	12	1.611869285	0.688734752			
64	64	4	13	1.611950227	0.688807197			
128	2048	3	19	1.611981816	0.68883547			
32	16	2	9	1.61221461	0.689043801			
1024	2048	7	23	1.612253147	0.689078285			
64	2048	1	17	1.612423612	0.689230815			
512	2048	5	21	1.612772207	0.689542682			
2048	512	2	17	1.612804373	0.689571456			
1024	256	3	16	1.612929813	0.689683661			
16	1	1	6	1.613017055	0.689761692			
16	64	1	10	1.613019987	0.689764315			
1024	32	9	17	1.613106367	0.689841571			
4096	2048	9	25	1.613177445	0.689905139			
256	2048	3	19	1.613444941	0.690144346			
4096	128	5	18	1.613541452	0.690230641			
2048	2048	7	23	1.613962089	0.690606691			
64	4	2	9	1.614237747	0.690853077			
128	2048	1	17	1.614318316	0.690925081			
2048	64	11	20	1.614520059	0.691105366			
2048	128	5	17	1.614857099	0.691406504			
2048	1024	4	19	1.614916938	0.691459963			

1024	2048	5	21	1.614976552	0.691513219			
128	16	3	11	1.615380332	0.691873879			
2048	64	1	16	1.615455264	0.691940799			
512	64	8	17	1.615685484	0.692146385			
16	512	12	25	1.615878401	0.692318636			
16	512	11	24	1.615885948	0.692325374			
32	512	12	25	1.615890655	0.692329576			
16	512	10	23	1.615898142	0.692336261			
32	512	11	24	1.615905745	0.692343049			
64	512	12	25	1.615915152	0.692351448			
16	512	9	22	1.61591784	0.692353847			
32	512	10	23	1.615930119	0.69236481			
64	512	11	24	1.615945312	0.692378374			
16	512	8	21	1.615949657	0.692382253			
128	512	12	25	1.615964107	0.692395154			
32	512	9	22	1.615969486	0.692399956			
64	512	10	23	1.615994014	0.692421854			
16	512	7	20	1.616001041	0.692428128			
128	512	11	24	1.616024349	0.692448936			
32	512	8	21	1.61603305	0.692456703			
256	512	12	25	1.616061857	0.692482421			
64	512	9	22	1.61607263	0.692492038			
512	512	1	15	1.616074346	0.692493569			
16	512	6	19	1.616084004	0.692502191			
128	512	10	23	1.616121561	0.692535718			
32	512	7	20	1.616135646	0.692548292			
256	512	11	24	1.616182029	0.692589697			
512	1024	1	16	1.616184131	0.692591573			
64	512	8	21	1.616199474	0.692605269			
64	2	7	10	1.616209599	0.692614307			
16	512	5	18	1.616217903	0.692621719			
512	512	12	25	1.616256722	0.69265637			
128	512	9	22	1.616278329	0.692675657			
512	2048	3	19	1.616290628	0.692686635			
32	512	6	19	1.616301161	0.692696037			
256	512	10	23	1.616375694	0.692762563			

64	512	7	20	1.616403987	0.692787815			
16	512	4	17	1.616433904	0.692814516			
512	512	11	24	1.616495833	0.692869788			
128	512	8	21	1.616530893	0.692901079			
32	512	5	18	1.616567987	0.692934183			
1024	512	12	25	1.616643938	0.693001964			
256	512	9	22	1.616687389	0.693040739			
64	512	6	19	1.616733391	0.693081789			
16	512	3	16	1.616782111	0.693125264			
512	512	10	23	1.616880167	0.693212759			
128	512	7	20	1.616937224	0.693263669			
32	512	4	17	1.616997707	0.693317633			
128	64	5	14	1.617003526	0.693322825			
1024	512	11	24	1.617117315	0.693424344			
8	8	2	7	1.61712792	0.693433805			
256	512	8	21	1.617188093	0.693487487			
4096	2048	7	23	1.617232109	0.693526753			
64	512	5	18	1.617263202	0.693554489			
16	8	1	7	1.617266135	0.693557107			
16	512	2	15	1.617342955	0.693625632			
2048	512	12	25	1.617408542	0.693684136			
512	512	9	22	1.617496347	0.693762454			
128	512	6	19	1.617589641	0.693845664			
1024	128	2	15	1.617633267	0.693884572			
4096	1024	1	18	1.617635809	0.693886839			
32	512	3	16	1.617688846	0.693934139			
2048	128	7	18	1.617751503	0.693990017			
1024	512	10	23	1.617874326	0.694099546			
256	512	7	20	1.617990232	0.694202898			
256	2048	1	17	1.617998272	0.694210067			
1	1	1	2	1.618033989	0.694241914	**	fibonacci	meru1
1	2	1	3	1.618033989	0.694241914		see 1.694	prisec p.16
64	512	4	17	1.618113688	0.694312974			
16	512	1	14	1.618245324	0.694430335			
2048	512	11	24	1.618336597	0.694511705			
512	512	8	21	1.6184806	0.694640073			

32	64	2	11	1.618512437	0.694668452			
64	32	3	11	1.618531595	0.694685528			
128	512	5	18	1.618634292	0.694777066			
128	4	6	11	1.618742679	0.694873668			
32	512	2	15	1.618798535	0.694923449			
4096	512	12	25	1.618900123	0.695013982			
128	4	13	16	1.619012417	0.695114051			
1024	512	9	22	1.619079003	0.695173384			
4096	2048	2	19	1.619081574	0.695175674			
2048	2048	5	21	1.619174345	0.695258336			
32	4	5	9	1.619245762	0.695321968			
256	512	6	19	1.61927037	0.695343893			
64	512	3	16	1.619475419	0.69552657			
256	64	3	13	1.619680619	0.69570936			
2048	256	7	19	1.619711982	0.695737295			
2048	512	10	23	1.619806418	0.695821408			
512	512	7	20	1.620044671	0.696033594			
2048	128	1	16	1.620228789	0.696197547			
64	8	1	9	1.620266084	0.696230755			
128	512	4	17	1.620300751	0.696261623			
512	128	4	15	1.620422443	0.696369971			
32	512	1	14	1.620576586	0.696507202			
32	4	10	13	1.620582636	0.696512588			
4096	512	11	24	1.620686447	0.696605001			
1024	512	8	21	1.620982913	0.696868883			
256	512	5	18	1.621302712	0.69715348			
64	16	7	13	1.62143951	0.697275203			
2048	1024	1	17	1.621635401	0.697449489			
64	512	2	15	1.62164859	0.697461222			
1024	2048	3	19	1.621687718	0.697496033			
512	32	5	14	1.621822935	0.69761632			
1024	1024	2	17	1.621867406	0.697655878			
512	16	1	13	1.622023784	0.697794974			
2048	512	9	22	1.622113421	0.697874699			
64	2	4	9	1.622343613	0.698079415			
8	4	7	10	1.622392768	0.698123126			

512	512	6	19	1.622512542	0.69822963			
4096	512	5	19	1.622513355	0.698230353			
8	2	1	5	1.622528493	0.698243813			
128	512	3	16	1.622946238	0.69861521			
2048	64	3	16	1.623165618	0.698810211			
256	8	9	14	1.623280306	0.698912144			
128	256	1	13	1.62332049	0.698947857			
4096	512	10	23	1.623466339	0.699077472			
128	128	1	12	1.623717955	0.699301053			
1024	256	1	15	1.623871616	0.699437577			
1024	512	7	20	1.62396374	0.69951942			
256	512	4	17	1.624507099	0.700002048			
4	128	13	23	1.624514043	0.700008215			
2	4	4	7	1.624514155	0.700008314			
8	128	13	23	1.624523291	0.700016428			
4	128	11	21	1.624529201	0.700021677			
16	128	13	23	1.624541783	0.70003285			
8	128	11	21	1.624553598	0.700043343			
4	128	9	19	1.624569187	0.700057187			
32	128	13	23	1.624578743	0.700065673			
16	128	11	21	1.624602358	0.700086644			
8	128	9	19	1.624633513	0.70011431			
64	128	13	23	1.624652576	0.700131238			
4	128	7	17	1.624674618	0.700150811			
32	128	11	21	1.624699742	0.700173121			
16	128	9	19	1.624761959	0.700228367			
2048	256	4	17	1.6247624	0.700228758			
128	128	13	23	1.624799892	0.700262048			
8	128	7	17	1.624844036	0.700301245			
64	128	11	21	1.62489397	0.70034558			
256	16	6	13	1.62490309	0.700353678			
512	2048	1	17	1.624959185	0.700403482			
32	128	9	19	1.625018032	0.700455727			
256	128	13	23	1.625093129	0.700522397			
64	512	1	14	1.62510331	0.700531435			
16	128	7	17	1.625181659	0.700600989			

16	2	4	7	1.625263975	0.700674059			
128	128	11	21	1.625280284	0.700688536			
512	16	11	17	1.62548727	0.700872258			
64	128	9	19	1.62552694	0.700907466			
512	128	13	23	1.625674126	0.701038092			
4	128	3	13	1.625682525	0.701045545			
2048	512	8	21	1.625690675	0.701052777			
4	16	1	7	1.625700318	0.701061335			
512	16	2	13	1.625760884	0.701115082			
32	128	7	17	1.625852117	0.70119604			
256	128	11	21	1.626044511	0.70136675			
1024	64	4	15	1.626247837	0.701547138			
512	512	5	18	1.626370114	0.701655609			
128	128	9	19	1.626532088	0.701799284			
512	32	7	15	1.626564036	0.701827621			
64	4	11	14	1.62657497	0.701837318			
2048	64	10	19	1.626753283	0.701995465			
1024	128	13	23	1.626814912	0.70205012			
8	128	3	13	1.62684762	0.702079126			
4096	2048	5	21	1.626848811	0.702080183			
4096	128	8	19	1.626967922	0.702185806			
128	512	2	15	1.627120733	0.702321304			
64	128	7	17	1.627174346	0.702368839			
512	128	11	21	1.627540611	0.702693543			
32	4	3	8	1.627597111	0.702743625			
4	128	1	11	1.62759723	0.70274373			
1024	256	5	17	1.62761897	0.702763001			
4096	512	9	22	1.627726561	0.702858364			
128	32	2	11	1.627925894	0.703035027			
512	32	1	13	1.627955222	0.703061018			
64	8	6	11	1.628034366	0.703131154			
256	8	5	12	1.62838127	0.703438533			
256	128	9	19	1.628493866	0.703538285			
1024	512	6	19	1.628573346	0.703608696			
2048	64	7	17	1.628720087	0.703738683			
16	4	8	11	1.628987785	0.703975786			

2048	128	13	23	1.629016845	0.704001522			
512	64	7	16	1.629081908	0.704059143			
16	128	3	13	1.629141084	0.704111547			
2048	256	1	16	1.629256814	0.704214028			
512	256	1	14	1.629313297	0.704264043			
256	512	3	16	1.62951581	0.70444335			
128	128	7	17	1.629747588	0.70464854			
4096	4096	1	19	1.630153404	0.705007734			
32	16	5	11	1.630331198	0.705165075			
1024	128	11	21	1.630412522	0.705237037			
8	128	1	11	1.630626471	0.70542634			
1024	128	5	16	1.630685988	0.705478997			
2048	512	7	20	1.63115098	0.705890325			
128	4096	8	25	1.631201767	0.705935244			
128	4096	7	24	1.63123948	0.705968597			
256	4096	8	25	1.631261498	0.70598807			
128	4096	6	23	1.63130095	0.706022961			
64	16	3	10	1.631302601	0.706024422			
256	4096	7	24	1.631336818	0.706054682			
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128	4096	5	22	1.631401109	0.706111537			
256	4096	6	23	1.6314595	0.706163174			
2048	2048	3	19	1.6314858	0.706186431			
512	4096	7	24	1.631530973	0.706226376			
128	4096	4	21	1.631564224	0.706255778			
1024	4096	8	25	1.631618419	0.706303698			
256	4096	5	22	1.631659185	0.706339744			
512	16	3	13	1.631769058	0.706436889			
512	4096	6	23	1.631775313	0.706442419			
128	4096	3	20	1.631829673	0.70649048			
128	64	4	13	1.631834431	0.706494687			
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1024	4096	7	24	1.631917221	0.706567878			
256	4096	4	21	1.631983876	0.706626804			
2048	4096	8	25	1.632090467	0.706721029			
512	4096	5	22	1.63217218	0.706793258			

512	128	9	19	1.63223881	0.706852151			
128	4096	2	19	1.632261219	0.706871958			
512	512	4	17	1.632328995	0.706931861			
1024	4096	6	23	1.632401863	0.706996262			
256	4096	3	20	1.632511069	0.707092774			
128	4	1	10	1.632608504	0.707178877			
2048	4096	7	24	1.632681609	0.707243477			
512	4096	4	21	1.632815507	0.707361789			
32	1	8	9	1.632949103	0.707479825			
128	4096	1	18	1.63296182	0.707491059			
4096	4096	8	25	1.633021711	0.707543972			
4096	128	13	23	1.633137863	0.707646583			
1024	4096	5	22	1.633185803	0.707688932			
256	64	1	12	1.633348595	0.707832729			
256	4096	2	19	1.633365348	0.707847526			
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32	128	3	13	1.633588834	0.70804491			
2048	4096	6	23	1.633635204	0.708085861			
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512	4096	3	20	1.633855422	0.708280327			
4096	512	8	21	1.634129834	0.708522612			
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16	8	3	8	1.6344531	0.70880798			
256	128	7	17	1.634634321	0.708967931			
256	4096	1	18	1.634745921	0.709066423			
2048	128	3	16	1.634983402	0.70927599			
4096	1024	4	19	1.635134409	0.709409231			
32	64	1	10	1.635163202	0.709434635			
2048	4096	5	22	1.635165549	0.709436706			
512	32	2	13	1.635189072	0.70945746			
256	128	2	13	1.635348006	0.709597677			
1	4	2	5	1.635395932	0.709639957			
512	4096	2	19	1.635529944	0.709758173			
2048	512	3	17	1.635544328	0.709770861			
1024	512	5	18	1.635592649	0.709813484			

2048	128	11	21	1.635736449	0.709940319			
4096	128	1	17	1.635932939	0.71011361			
1024	64	8	17	1.635997427	0.710170479			
4096	4096	6	23	1.63602696	0.710196523			
1024	4096	3	20	1.636473626	0.710590351			
16	128	1	11	1.636506178	0.710619049			
4096	256	5	18	1.636694778	0.710785303			
32	32	1	9	1.636919927	0.710983751			
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256	512	2	15	1.637264817	0.711287688			
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512	4096	1	18	1.638212581	0.712122579			
1024	1024	1	16	1.638626081	0.712486683			
4096	128	2	17	1.638893809	0.712722379			
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512	64	1	13	1.63920167	0.712993359			
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2048	512	6	19	1.639326626	0.713103331			
256	64	5	14	1.639547382	0.713297595			
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1	32	18	25	1.640671699	0.714286582			
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2	32	18	25	1.640672686	0.71428745			
1	32	16	23	1.640673369	0.714288051			
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1	32	15	22	1.640675071	0.714289548			
2	32	16	23	1.640676026	0.714290387			
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8	32	18	25	1.640678609	0.714292658			
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32	32	18	25	1.640702288	0.71431348			
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32	1024	9	23	1.640713211	0.714323084			
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32	32	17	24	1.640722507	0.714331258			
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64	32	18	25	1.640733839	0.714341223			
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2	32	11	18	1.640733856	0.714341238			
16	32	15	22	1.640740413	0.714347003			
4	32	12	19	1.640747673	0.714353387			
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128	32	18	25	1.640796865	0.71439664			
256	1024	11	25	1.640796899	0.71439667			
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32	32	10	17	1.642307821	0.715724559			
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1024	256	2	15	1.642924201	0.716265921			

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16	256	12	23	1.655528749	0.727292064			
32	256	13	24	1.655533365	0.727296087			
8	256	10	21	1.655536966	0.727299224			
64	256	14	25	1.65553894	0.727300945			
32	256	12	23	1.655550929	0.727311392			
8	256	9	20	1.65555689	0.727316587			
64	256	13	24	1.655560155	0.727319432			
16	256	10	21	1.655567355	0.727325706			
128	256	14	25	1.655571297	0.727329141			
8	256	8	19	1.655589862	0.727345319			

64	256	12	23	1.655595257	0.727350021			
16	256	9	20	1.655607177	0.727360407			
128	256	13	24	1.655613687	0.727366081			
32	256	10	21	1.655628083	0.727378625			
256	256	14	25	1.655635938	0.72738547			
8	256	7	18	1.65564442	0.727392861			
16	256	8	19	1.655673056	0.727417813			
128	256	12	23	1.655683794	0.72742717			
32	256	9	20	1.655707623	0.727447933			
256	256	13	24	1.655720566	0.727459211			
8	256	6	17	1.65573467	0.727471501			
64	256	10	21	1.65574934	0.727484283			
512	256	14	25	1.655764933	0.72749787			
16	256	7	18	1.655782005	0.727512744			
16	32	4	11	1.655833121	0.727557282			
32	256	8	19	1.655839117	0.727562506			
256	256	12	23	1.655860386	0.727581037			
8	256	5	16	1.655883909	0.727601532			
64	256	9	20	1.655908004	0.727622525			
512	256	13	24	1.655933582	0.727644809			
16	256	6	17	1.655962091	0.727669647			
128	256	10	21	1.655991059	0.727694883			
1024	256	14	25	1.656021786	0.727721652			
32	256	7	18	1.656056355	0.727751768			
16	4	3	7	1.656114342	0.727802283			
8	256	4	15	1.656130569	0.727816419			
64	256	8	19	1.656169949	0.727850724			
512	256	12	23	1.656211664	0.727887061			
16	256	5	16	1.656259548	0.727928772			
1024	32	3	14	1.656304865	0.727968245			
128	256	9	20	1.656306747	0.727969884			
1024	256	13	24	1.656356684	0.72801338			
2048	256	3	16	1.656413615	0.728062966			
32	256	6	17	1.656414886	0.728064073			
256	256	10	21	1.65647135	0.728113251			
1024	64	7	16	1.656511744	0.728148431			

2048	256	14	25	1.656531008	0.728165209			
8	256	3	14	1.656537968	0.728171271			
64	256	7	18	1.656601812	0.728226872			
2048	4096	1	18	1.656646868	0.728266109			
128	32	8	15	1.6567123	0.72832309			
16	256	4	15	1.656750381	0.728356251			
128	256	8	19	1.656826517	0.728422549			
1024	256	12	23	1.65690674	0.728492402			
64	4	4	9	1.656969271	0.728546848			
4096	512	6	19	1.656999673	0.728573318			
32	256	5	16	1.657005764	0.728578621			
256	256	9	20	1.657096286	0.728657433			
128	128	3	13	1.65709932	0.728660074			
2048	256	13	24	1.657191452	0.728740284			
8	256	2	13	1.657210276	0.728756671			
256	1024	1	15	1.65721953	0.728764728			
256	8	8	13	1.657222028	0.728766902			
64	256	6	17	1.657312411	0.728845583			
512	16	5	13	1.657396157	0.728918483			
512	256	10	21	1.657419638	0.728938921			
4096	256	14	25	1.657532062	0.729036777			
16	256	3	14	1.65755922	0.729060415			
1024	32	12	19	1.657573369	0.72907273			
128	256	7	18	1.657680014	0.729165547			
32	2	5	8	1.657765261	0.729239736			
4	32	1	8	1.657797582	0.729267864			
32	256	4	15	1.657977657	0.729424565			
2048	1024	5	19	1.65811308	0.729542399			
256	256	8	19	1.658119807	0.729548252			
32	4	8	11	1.658236184	0.729649506			
2048	256	12	23	1.658268067	0.729677244			
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64	256	5	16	1.658478414	0.729860235			
512	256	9	20	1.658644668	0.730004851			
8	16	1	7	1.65866161	0.730019586			
2048	2048	1	17	1.658687389	0.730042009			

1024	128	7	17	1.658698916	0.730052035			
32	32	5	12	1.658729134	0.730078318			
4096	256	13	24	1.658817336	0.73015503			
16	256	2	13	1.658889862	0.730218106			
8	1	3	5	1.658967082	0.73028526			
128	256	6	17	1.659076188	0.73038014			
1024	256	10	21	1.659269167	0.73054794			
1024	128	4	15	1.659568872	0.730808502			
32	256	3	14	1.659572122	0.730811328			
512	128	1	13	1.659585314	0.730822796			
256	32	9	16	1.659630217	0.73086183			
4096	512	2	17	1.659783744	0.730995282			
256	256	7	18	1.659787588	0.730998624			
32	1	2	7	1.660149835	0.731313457			
64	256	4	15	1.660384494	0.731517364			
512	256	8	19	1.660631054	0.731731582			
4096	256	12	23	1.660883368	0.731950767			
16	256	1	12	1.661074739	0.732116988			
4096	4096	2	19	1.66108729	0.732127889			
8	32	2	9	1.661124929	0.732160579			
128	256	5	16	1.661348127	0.732354414			
1024	512	3	16	1.66148152	0.732470246			
1024	256	9	20	1.661626611	0.732596226			
64	16	5	11	1.661682193	0.732644484			
64	32	6	13	1.662053619	0.732966926			
32	256	2	13	1.662179574	0.733076252			
256	256	6	17	1.662485935	0.733342135			
64	2048	8	23	1.662535117	0.733384815			
64	2048	7	22	1.66257439	0.733418894			
128	2048	8	23	1.662594379	0.733436239			
128	2048	7	22	1.662672824	0.733504307			
256	2048	8	23	1.662712713	0.733538918			
128	4	7	11	1.66271763	0.733543184			
2048	256	10	21	1.662795403	0.733610664			
256	2048	7	22	1.662869205	0.733674696			
64	2048	4	19	1.66292785	0.733725575			

512	32	10	17	1.662933363	0.733730358			
512	2048	8	23	1.662948626	0.7337436			
1024	128	1	14	1.662953052	0.733747439			
256	8	1	11	1.663149691	0.733918024			
1	4	1	4	1.663251939	0.734006715			
512	2048	7	22	1.663260031	0.734013735			
256	64	4	13	1.663312309	0.73405908			
128	2048	4	19	1.663377222	0.734115381			
32	16	1	8	1.663415606	0.734148673			
1024	2048	8	23	1.663417468	0.734150287			
64	256	3	14	1.663485238	0.734209064			
4096	128	5	17	1.663623571	0.734329031			
64	2048	2	17	1.663720524	0.734413106			
512	256	7	18	1.663822012	0.734501108			
1024	1024	3	17	1.663857224	0.734531641			
32	2	1	7	1.66402541	0.734677464			
1024	2048	7	22	1.664034077	0.734684978			
256	2048	4	19	1.664268051	0.734887816			
2048	2048	8	23	1.66434347	0.734953193			
64	2048	1	16	1.664538532	0.735122267			
4096	1024	1	17	1.664875584	0.735414369			
128	2048	2	17	1.664948738	0.735477759			
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128	256	4	15	1.665019558	0.735539124			
8	8	1	6	1.66521525	0.735708676		P.45 prised	close t o RTT hanson
1024	256	8	19	1.665380717	0.735852025			
512	32	4	13	1.665407135	0.73587491			
2048	64	8	17	1.665480173	0.735938179			
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512	2048	4	19	1.666018976	0.736404833			
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128	8	3	10	1.666293895	0.73664288			
32	256	1	12	1.666428233	0.736759187			
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1024	32	11	18	1.666624219	0.736928851			

256	256	5	16	1.666810502	0.737090095			
128	32	3	11	1.66699605	0.737250686			
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256	16	5	12	1.667543808	0.737724663			
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256	8	2	11	1.668103045	0.738208412			
2048	64	1	15	1.668117302	0.738220743			
2048	512	4	17	1.668436953	0.738497171			
4096	2048	7	22	1.668479723	0.738534153			
64	256	2	13	1.668499785	0.738551501			
512	256	6	17	1.668884606	0.738884204			
4096	256	10	21	1.669256985	0.739206077			
32	32	4	11	1.669310376	0.739252221			
1024	2048	4	19	1.66940483	0.73933385			
1024	32	7	15	1.669437919	0.739362445			
4096	256	4	17	1.669567448	0.739474377			
256	128	1	12	1.669759665	0.739640465			
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256	32	8	15	1.670035202	0.739878513			
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256	16	1	11	1.670520296	0.74029751			
128	256	3	14	1.670901234	0.740626459			
1024	64	3	14	1.670931448	0.740652546			
1024	256	7	18	1.671265027	0.740940532			
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2048	128	5	16	1.671673142	0.741292789			
2048	64	2	15	1.671782086	0.741386807			
512	2048	2	17	1.67199591	0.741571319			
4096	1024	5	19	1.67224671	0.741787707			
64	64	1	10	1.67226849	0.741806497			
2048	1024	1	16	1.672847804	0.742306195			
32	1	3	7	1.672993375	0.742431733			
2048	128	1	15	1.673537947	0.742901264			
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8	32	1	8	1.673627786	0.742978709			

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64	32	5	12	1.674185331	0.743459242			
512	64	3	13	1.674277263	0.74353846			
512	32	9	16	1.674677644	0.74388342			
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2048	2048	4	19	1.675760815	0.744816244			
4096	512	5	18	1.675784682	0.744836792			
4096	512	3	17	1.676166043	0.745165071			
256	8	3	11	1.676303484	0.745283363			
2	4	2	5	1.676448291	0.745407985			
64	256	1	12	1.676557676	0.745502115			
4096	4096	1	18	1.676647355	0.745579282			
512	256	5	16	1.676791732	0.745703508			
4096	256	9	20	1.677007655	0.745889274			
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512	2048	1	16	1.677940161	0.746691267			
32	2	2	7	1.679157301	0.747737386			
16	32	2	9	1.679374047	0.747923598			
128	32	6	13	1.679558622	0.748082151			
1024	32	10	17	1.679717549	0.748218659			
256	16	2	11	1.680142043	0.748583207			
128	256	2	13	1.680229776	0.748658539			
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2048	128	2	15	1.680591076	0.748968729			
1024	2048	2	17	1.680638255	0.749009228			
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1	8	19	23	1.681795528	0.750002314			
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4	8	21	25	1.681796645	0.750003272			
8	64	17	25	1.681796645	0.750003272			
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1	8	17	21	1.681800459	0.750006544			
8	8	21	25	1.681800459	0.750006544			
2	64	13	21	1.681800459	0.750006544			
16	64	17	25	1.681800459	0.750006544			
32	512	13	25	1.681803002	0.750008725			
4	8	19	23	1.681803619	0.750009254			
8	64	15	23	1.681803619	0.750009255			
16	512	11	23	1.681807215	0.750012339			
16	8	21	25	1.681808086	0.750013087			
32	64	17	25	1.681808086	0.750013087			
2	8	17	21	1.681808087	0.750013087			
4	64	13	21	1.681808087	0.750013087			
64	512	13	25	1.681813171	0.750017449			
8	8	19	23	1.681814404	0.750018506			
1	8	15	19	1.681814405	0.750018507			
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2	64	11	19	1.681814406	0.750018508			
32	512	11	23	1.681821595	0.750024675			
32	8	21	25	1.681823336	0.750026168			
64	64	17	25	1.681823337	0.750026169			
4	8	17	21	1.681823338	0.75002617			
8	64	13	21	1.681823339	0.750026171			
128	4096	9	25	1.681823339	0.750026171			
128	512	13	25	1.681833502	0.750034889			
16	8	19	23	1.681835966	0.750037003			
32	64	15	23	1.681835968	0.750037005			
2	8	15	19	1.681835971	0.750037006			
4	64	11	19	1.681835973	0.750037008			
64	512	11	23	1.681850343	0.750049335			
64	8	21	25	1.681853816	0.750052314			
128	64	17	25	1.68185382	0.750052318			
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16	64	13	21	1.681853829	0.750052326			
256	4096	9	25	1.681853829	0.750052326			
1	8	13	17	1.681853834	0.750052329			

2	64	9	17	1.681853838	0.750052333			
256	512	13	25	1.681874138	0.750069746			
32	8	19	23	1.681879057	0.750073966			
64	64	15	23	1.681879065	0.750073973			
4	8	15	19	1.681879074	0.750073981			
8	64	11	19	1.681879083	0.750073988			
128	4096	7	23	1.681879083	0.750073988			
128	512	11	23	1.68190779	0.750098612			
16	512	7	19	1.681907821	0.750098639			
128	8	21	25	1.681914702	0.750104541			
256	64	17	25	1.68191472	0.750104557			
16	8	17	21	1.681914737	0.750104572			
32	64	13	21	1.681914755	0.750104587			
512	4096	9	25	1.681914755	0.750104587			
2	8	13	17	1.681914773	0.750104602			
4	64	9	17	1.68191479	0.750104617			
512	512	13	25	1.6819553	0.750139365			
64	8	19	23	1.681965102	0.750147772			
128	64	15	23	1.681965137	0.750147802			
8	8	15	19	1.681965172	0.750147833			
16	64	11	19	1.681965208	0.750147863			
256	4096	7	23	1.681965208	0.750147863			
1	8	11	15	1.681965243	0.750147893			
2	64	7	15	1.681965278	0.750147924			
256	512	11	23	1.68202249	0.750196996			
32	512	7	19	1.682022616	0.750197104			
256	8	21	25	1.682036178	0.750208736			
512	64	17	25	1.682036248	0.750208796			
32	8	17	21	1.682036318	0.750208856			
64	64	13	21	1.682036388	0.750208917			
1024	4096	9	25	1.682036388	0.750208917			
4	8	13	17	1.682036459	0.750208977			
8	64	9	17	1.682036529	0.750209037			
128	4096	5	21	1.682036529	0.750209037			
1024	512	13	25	1.682117192	0.750278221			
16	512	5	17	1.682117692	0.750278649			

128	8	19	23	1.682136654	0.750294912			
256	64	15	23	1.682136794	0.750295032			
16	8	15	19	1.682136934	0.750295153			
32	64	11	19	1.682137074	0.750295273			
512	4096	7	23	1.682137074	0.750295273			
2	8	11	15	1.682137215	0.750295394			
4	64	7	15	1.682137356	0.750295514			
512	512	11	23	1.682251121	0.750393083			
64	512	7	19	1.682251619	0.75039351			
1024	64	17	25	1.682278232	0.750416332			
64	8	17	21	1.68227851	0.750416571			
2048	4096	9	25	1.682278789	0.750416811			
128	64	13	21	1.68227879	0.750416811			
8	8	13	17	1.682279069	0.750417051			
16	64	9	17	1.682279349	0.750417291			
256	4096	5	21	1.682279349	0.750417291			
1	8	9	13	1.68227963	0.750417532			
2	64	5	13	1.682279911	0.750417773			
2048	1024	3	17	1.682289823	0.750426273			
1024	256	1	14	1.68233276	0.750463094			
1024	32	5	14	1.682383871	0.750506924			
2048	128	7	17	1.68240586	0.75052578			
2048	512	13	25	1.682439259	0.750554421			
32	512	5	17	1.682441242	0.750556121			
256	128	3	13	1.682472455	0.750582885			
256	8	19	23	1.682477626	0.750587319			
512	64	15	23	1.682478179	0.750587794			
32	8	15	19	1.682478734	0.75058827			
1024	4096	7	23	1.682479289	0.750588746			
64	64	11	19	1.68247929	0.750588747			
4	8	11	15	1.682479848	0.750589225			
128	4096	3	19	1.682480406	0.750589703			
8	64	7	15	1.682480407	0.750589704			
128	32	1	10	1.682555372	0.750653984			
1024	512	11	23	1.682705337	0.750782565			
128	512	7	19	1.682707306	0.750784253			

256	16	7	13	1.682709899	0.750786476			
2048	64	17	25	1.682757974	0.750827693			
128	8	17	21	1.682759071	0.750828634			
4096	4096	9	25	1.682760168	0.750829574			
256	64	13	21	1.682760171	0.750829576			
16	8	13	17	1.682761275	0.750830523			
512	4096	5	21	1.68276238	0.75083147			
32	64	9	17	1.682762382	0.750831472			
2	8	9	13	1.682763494	0.750832426			
4	64	5	13	1.682764609	0.750833381			
4096	512	13	25	1.683076657	0.751100887			
64	512	5	17	1.683084455	0.751107571			
16	4	1	6	1.683090331	0.751112608			
1024	64	15	23	1.683153389	0.751166658			
64	8	15	19	1.683155564	0.751168522			
2048	4096	7	23	1.683157738	0.751170386			
128	64	11	19	1.683157746	0.751170392			
8	8	11	15	1.683159941	0.751172275			
256	4096	3	19	1.683162137	0.751174157			
16	64	7	15	1.683162144	0.751174163			
1	8	7	11	1.683164361	0.751176063			
2	64	3	11	1.683166586	0.75117797			
4096	1024	2	17	1.683347264	0.751332826			
4096	128	6	17	1.683525283	0.751485388			
2048	512	11	23	1.683601865	0.751551013			
256	512	7	19	1.683609558	0.751557605			
1024	512	2	15	1.683610815	0.751558682			
32	2	7	9	1.683613085	0.751560627			
256	8	17	21	1.683705317	0.751639659			
512	64	13	21	1.683709584	0.751643315			
32	8	13	17	1.683713889	0.751647004			
1024	4096	5	21	1.683718194	0.751650693			
64	64	9	17	1.683718214	0.75165071			
4	8	9	13	1.683722577	0.751654449			
128	4096	1	17	1.68372694	0.751658187			
8	64	5	13	1.68372696	0.751658204			

2048	256	1	15	1.683781224	0.751704699			
512	128	2	13	1.683858462	0.751770877			
512	16	6	13	1.684185483	0.752051034			
2048	256	7	18	1.684207397	0.752069806			
128	64	2	11	1.68435136	0.75219312			
256	256	3	14	1.68435229	0.752193917			
128	512	5	17	1.684355656	0.7521968			
4	2	3	5	1.684357691	0.752198542			
16	512	1	13	1.684371159	0.752210078			
2048	64	15	23	1.684474715	0.752298773			
128	8	15	19	1.684483069	0.752305928			
4096	4096	7	23	1.684491419	0.75231308			
256	64	11	19	1.684491474	0.752313126			
16	8	11	15	1.684499984	0.752320415			
512	4096	3	19	1.684508492	0.752327701			
32	64	7	15	1.684508547	0.752327749			
256	32	1	11	1.684516485	0.752334547			
2	8	7	11	1.68451722	0.752335176			
4	64	3	11	1.684525947	0.752342651			
64	16	2	9	1.684870701	0.752637882			
128	8	6	11	1.685156737	0.752882783			
4096	512	11	23	1.685349423	0.753047736			
512	512	7	19	1.685378821	0.753072901			
1024	64	13	21	1.68555754	0.753225877			
64	8	13	17	1.685573918	0.753239896			
2048	4096	5	21	1.685590285	0.753253904			
128	64	9	17	1.685590435	0.753254033			
8	8	9	13	1.685607244	0.753268419			
256	4096	1	17	1.685624043	0.753282798			
16	64	5	13	1.685624199	0.753282931			
1	8	5	9	1.685641459	0.753297704			
2	64	1	9	1.685658873	0.753312608			
32	32	3	10	1.685715539	0.753361105			
16	8	2	7	1.686110108	0.753698752			
32	4	1	7	1.686114584	0.753702581			
256	512	5	17	1.686839583	0.754322781			

32	512	1	13	1.686899253	0.754373814			
256	8	15	19	1.687040284	0.754494424			
512	64	11	19	1.687071558	0.754521167			
32	8	11	15	1.68710359	0.75454856			
4096	2048	4	19	1.687109452	0.754553572			
1024	4096	3	19	1.687135582	0.754575917			
64	64	7	15	1.687135998	0.754576272			
4	8	7	11	1.687169211	0.754604673			
4096	128	1	16	1.687202391	0.754633045			
8	64	3	11	1.687202828	0.754633419			
2048	64	4	15	1.687709931	0.755066967			
8	2	2	5	1.687829137	0.755168864			
4096	256	8	19	1.688471384	0.755717729			
1024	512	7	19	1.68878552	0.755986114			
32	4	7	10	1.688820153	0.7560157			
512	256	4	15	1.688916951	0.756098388			
512	16	1	12	1.689017024	0.756183869			
16	1	6	7	1.689056539	0.756217622			
2048	64	13	21	1.689067909	0.756227333			
128	8	13	17	1.689127504	0.756278235			
4096	4096	5	21	1.689186942	0.756329			
256	64	9	17	1.689188021	0.756329922			
16	8	9	13	1.689250586	0.756383355			
512	4096	1	17	1.689313012	0.756436669			
32	64	5	13	1.689314166	0.756437655			
2	8	5	9	1.68937997	0.756493851			
4	64	1	9	1.689446898	0.756551005			
256	8	4	11	1.690038511	0.757056122			
4096	2048	1	17	1.69100769	0.75788322			
1024	2048	1	16	1.691428232	0.758241965			
512	512	5	17	1.691591136	0.758380905			
512	32	8	15	1.691604763	0.758392527			
64	512	1	13	1.691812851	0.758569986			
1024	64	11	19	1.691919348	0.758660798			
64	8	11	15	1.692033739	0.758758336			
2048	4096	3	19	1.69214761	0.758855423			

128	64	7	15	1.692150542	0.758857923			
4096	256	5	17	1.6921684	0.758873149			
8	8	7	11	1.692272859	0.758962205			
4096	256	1	16	1.692394719	0.759066089			
16	64	3	11	1.692397937	0.759068832			
2048	512	3	16	1.692410169	0.759079259			
1	8	3	7	1.692529201	0.759180725			
64	32	4	11	1.692588411	0.759231194			
64	2	1	8	1.69266365	0.759295323			
1024	256	5	16	1.693898368	0.760347317			
512	256	1	13	1.69395726	0.760397475			
2048	64	7	16	1.694349062	0.760731123			
128	256	1	12	1.694874191	0.761178187			
2048	512	7	19	1.695133835	0.761399182			
32	1	4	7	1.695394198	0.761620755			
2	1	2	3	1.69562077	0.761813543		meru3p.20	
256	8	13	17	1.695662936	0.76184942			
512	64	9	17	1.695869258	0.76202495			
2048	2048	2	17	1.695879424	0.762033599			
1024	1024	1	15	1.695900036	0.762051133			
512	32	1	12	1.695972087	0.762112426			
256	16	3	11	1.696050394	0.762179037			
512	32	5	13	1.696074243	0.762199323			
32	8	9	13	1.696088438	0.762211397			
1024	4096	1	17	1.696305927	0.762396382			
64	64	5	13	1.696313916	0.762403176			
4	8	5	9	1.696554315	0.762607618			
4096	128	3	16	1.696793213	0.762810756			
8	64	1	9	1.696802311	0.762818491			
2048	256	2	15	1.696901065	0.762902453			
1024	128	3	14	1.697552162	0.763455906			
1024	32	9	16	1.698139144	0.763954677			
2048	256	6	17	1.699254982	0.764902353			
64	32	1	9	1.699684428	0.765266913			
128	32	5	12	1.69990343	0.76545279			
64	4	8	11	1.700343703	0.765826399			

1024	512	5	17	1.700345952	0.765828306			
2048	64	11	19	1.700594043	0.76603879			
256	8	7	12	1.70059575	0.766040238			
256	256	2	13	1.700800337	0.766213788			
128	8	11	15	1.700968594	0.766356504			
128	512	1	13	1.701119866	0.766484801			
4096	4096	3	19	1.701337583	0.766669432			
256	64	7	15	1.7013562	0.766685219			
4096	512	4	17	1.701364688	0.766692416			
128	128	1	11	1.701372858	0.766699344			
16	8	7	11	1.701777198	0.767042168			
16	32	1	8	1.702157724	0.767364725			
4096	512	1	16	1.702192769	0.767394428			
32	64	3	11	1.702214766	0.767413071			
2048	512	1	15	1.702240954	0.767435267			
2	8	3	7	1.702693295	0.767818587			
256	32	2	11	1.702709213	0.767832074			
64	4	1	8	1.703193341	0.768242214			
8	4	4	7	1.704102305	0.76901195			
32	1024	12	25	1.704367612	0.769236541			
32	1024	11	24	1.704372414	0.769240606			
64	1024	12	25	1.704374429	0.769242312			
32	1024	10	23	1.704380598	0.769247533			
64	1024	11	24	1.704384032	0.76925044			
128	1024	12	25	1.704388062	0.769253851			
32	1024	9	22	1.704394544	0.769259338			
64	1024	10	23	1.704400395	0.769264291			
128	1024	11	24	1.70440726	0.769270102			
256	1024	12	25	1.704415315	0.76927692			
32	1024	8	21	1.704418306	0.769279452			
64	1024	9	22	1.704428275	0.76928789			
128	1024	10	23	1.704439968	0.769297787			
256	1024	11	24	1.704453685	0.769309398			
32	1024	7	20	1.70445879	0.769313719			
512	1024	12	25	1.704469774	0.769323016			
64	1024	8	21	1.704475766	0.769328087			

128	1024	9	22	1.704495676	0.76934494			
256	1024	10	23	1.704519026	0.769364703			
32	1024	6	19	1.704527744	0.769372082			
512	1024	11	24	1.704546405	0.769387877			
64	1024	7	20	1.704556641	0.76939654			
1024	1024	12	25	1.704578504	0.769415044			
128	1024	8	21	1.704590522	0.769425216			
256	1024	9	22	1.704630241	0.769458831			
32	1024	5	18	1.70464515	0.769471449			
512	1024	10	23	1.704676791	0.769498228			
64	1024	6	19	1.704694303	0.769513049			
128	16	3	10	1.704717571	0.769532741			
64	4	5	9	1.704725933	0.769539817			
1024	1024	11	24	1.704731334	0.769544388			
128	1024	7	20	1.704751905	0.769561797			
2048	1024	12	25	1.70479522	0.769598453			
256	1024	8	21	1.704819388	0.769618906			
32	1024	4	17	1.704844952	0.769640539			
512	1024	9	22	1.704898418	0.769685782			
64	1024	5	18	1.704928467	0.76971121			
4096	256	7	18	1.704931986	0.769714188			
1024	1024	10	23	1.704990928	0.769764063			
128	1024	6	19	1.705026256	0.769793956			
2048	1024	11	24	1.705099161	0.769855642			
256	1024	7	20	1.705140702	0.76989079			
32	2	3	7	1.705173263	0.769918339			
32	1024	3	16	1.705184729	0.769928041			
4096	1024	12	25	1.705225707	0.76996271			
512	1024	8	21	1.705274561	0.770004042			
64	1024	4	17	1.70532638	0.770047881			
1024	1024	9	22	1.705431015	0.770136399			
128	1024	5	18	1.705492019	0.770188004			
2048	1024	10	23	1.705613717	0.770290946			
256	1024	6	19	1.705685555	0.770351709			
32	1024	2	15	1.705761954	0.770416326			
4096	1024	11	24	1.705826851	0.770471214			

32	8	3	8	1.705887175	0.770522232			
512	1024	7	20	1.705911467	0.770542776			
64	1024	3	16	1.706001571	0.770618975			
1024	1024	8	21	1.706174864	0.770765515			
128	1024	4	17	1.706281175	0.770855405			
4096	512	7	19	1.706343141	0.770907798			
2048	1024	9	22	1.706481539	0.771024808			
256	1024	5	18	1.706607018	0.771130886			
32	1024	1	14	1.706741236	0.771244343			
4096	1024	10	23	1.70683801	0.771326144			
512	1024	6	19	1.706986161	0.771451362			
64	1024	2	15	1.707144965	0.771585572			
512	256	3	14	1.70714877	0.771588788			
1024	1024	7	20	1.707426505	0.77182348			
256	32	6	13	1.707554475	0.771931605			
1024	64	9	17	1.707608723	0.771977438			
128	1024	3	16	1.707614495	0.771982314			
128	16	5	11	1.707811184	0.772148479			
2048	1024	8	21	1.707936804	0.772254594			
256	1024	4	17	1.708159434	0.772442638			
64	8	9	13	1.708305669	0.772566141			
4096	1024	9	22	1.708526636	0.77275274			
512	64	4	13	1.708574	0.772792734			
512	1024	5	18	1.70879035	0.772975405			
2048	4096	1	17	1.708985594	0.773140236			
128	64	5	13	1.709034841	0.773181808			
64	1024	1	14	1.709076147	0.773216677			
512	64	1	12	1.709149678	0.773278746			
1024	1024	6	19	1.709518698	0.773590203			
128	2	7	10	1.709699947	0.773743154		meru3p.18	orson
8	8	5	9	1.709851518	0.773871048			
128	1024	2	15	1.709858536	0.773876969			
256	64	1	11	1.709948069	0.773952511			
2048	1024	7	20	1.710356673	0.774297212			
4096	256	3	16	1.710650769	0.774545262			
2048	128	4	15	1.710673298	0.774564262			

16	64	1	9	1.710712807	0.774597582			
256	1024	3	16	1.710760809	0.774638063			
4096	1024	3	17	1.710929549	0.774780355			
32	32	2	9	1.711009658	0.774847903			
1024	32	1	13	1.711204309	0.77501202			
4096	1024	8	21	1.711316969	0.775106999			
1	8	1	5	1.711690272	0.775421672			
512	1024	4	17	1.711797421	0.77551198			
64	2	3	8	1.712732292	0.776299669			
1024	1024	5	18	1.71298315	0.77651096			
128	1024	1	14	1.713616565	0.777044332			
256	8	5	11	1.713644416	0.777067779			
16	16	1	7	1.713785656	0.777186682			
1024	256	4	15	1.713840186	0.777232586			
2048	2048	1	16	1.714196904	0.777532837			
2048	1024	6	19	1.71433258	0.777647019			
4	128	16	25	1.714489034	0.777778676			
8	128	16	25	1.714490102	0.777779575			
4	128	14	23	1.714491105	0.777780419			
16	128	16	25	1.714492238	0.777781373			
4	128	13	22	1.714493348	0.777782307			
8	128	14	23	1.714494244	0.777783061			
32	128	16	25	1.714496509	0.777784967			
8	128	13	22	1.71449873	0.777786835			
16	128	14	23	1.714500522	0.777788344			
4	128	11	20	1.714503786	0.77779109			
64	128	16	25	1.714505051	0.777792155			
16	128	13	22	1.714509492	0.777795891			
32	128	14	23	1.714513075	0.777798906			
4	128	10	19	1.714515086	0.777800599			
8	128	11	20	1.714519601	0.777804398			
128	128	16	25	1.71452213	0.777806526			
32	128	13	22	1.714531008	0.777813997			
64	128	14	23	1.714538171	0.777820024			
8	128	10	19	1.714542195	0.77782341			
16	128	11	20	1.714551219	0.777831003			

256	128	16	25	1.714556266	0.77783525			
4	128	8	17	1.714567659	0.777844836			
64	128	13	22	1.714574014	0.777850183			
128	128	14	23	1.714588324	0.777862224			
16	128	10	19	1.714596377	0.777869			
32	128	11	20	1.714614402	0.777884167			
512	128	16	25	1.714624458	0.777892628			
4	128	7	16	1.714624556	0.77789271			
8	128	8	17	1.714647264	0.777911817			
128	128	13	22	1.714659916	0.777922462			
256	128	14	23	1.714688471	0.777946488			
32	128	10	19	1.714704596	0.777960055			
64	128	11	20	1.71474056	0.777990313			
1024	128	16	25	1.714760518	0.778007105			
8	128	7	16	1.714760908	0.778007433			
16	128	8	17	1.714806209	0.778045546			
256	128	13	22	1.714831283	0.778066641			
1024	512	1	14	1.714863216	0.778093506			
512	128	14	23	1.714888136	0.778114471			
4	128	5	14	1.714888976	0.778115178			
64	128	10	19	1.714920463	0.778141667			
128	128	11	20	1.714992044	0.778201884			
2048	128	16	25	1.715031351	0.77823495			
16	128	7	16	1.715032898	0.778236251			
256	1024	2	15	1.715088701	0.778283191			
32	128	8	17	1.715123042	0.778312079			
512	128	13	22	1.715172283	0.778353498			
4	128	4	13	1.715174738	0.778355562			
1024	128	14	23	1.71528498	0.778448288			
8	128	5	14	1.715288307	0.778451086			
128	128	10	19	1.715349934	0.778502918			
256	128	11	20	1.715491725	0.778622167			
2048	512	5	17	1.715535689	0.778659139			
4096	128	16	25	1.715567958	0.778686276			
32	128	7	16	1.715574054	0.778691402			
8	4	1	5	1.715607623	0.778719632			

64	128	8	17	1.715752536	0.778841487			
32	4	2	7	1.715780574	0.778865063			
1024	128	13	22	1.715847472	0.778921312			
8	128	4	13	1.715857143	0.778929444			
4096	1024	7	20	1.715859464	0.778931395			
1024	32	2	13	1.715940281	0.778999344			
4096	128	7	17	1.716051923	0.779093206			
2048	128	14	23	1.716068935	0.779107507			
16	128	5	14	1.716081994	0.779118486			
256	8	11	15	1.716115371	0.779146546			
256	128	10	19	1.716199981	0.779217674			
512	128	11	20	1.716478241	0.779451569			
4	128	2	11	1.716498986	0.779469005			
64	128	7	16	1.716645269	0.779591949			
512	1024	3	16	1.716760469	0.779688761			
128	128	8	17	1.716995215	0.779886019			
2048	128	13	22	1.717171154	0.780034167			
16	128	4	13	1.717209104	0.780065727			
512	64	7	15	1.717251609	0.780101436			
4096	128	14	23	1.717599542	0.780393711			
32	128	5	14	1.717649901	0.78043601			
1024	64	1	13	1.717783443	0.780548171			
16	4	5	8	1.717861854	0.780614023			
512	128	10	19	1.717865773	0.780617315			
4	128	1	10	1.717925541	0.780667508			
256	512	1	13	1.717977489	0.780711133			
1024	128	11	20	1.718402139	0.781067695			
8	128	2	11	1.718482183	0.781134894			
32	8	7	11	1.718556002	0.781196865			
1024	1024	4	17	1.718646751	0.781273046			
128	128	7	16	1.718744883	0.781355418			
256	128	8	17	1.719418222	0.7819205			
32	1	7	8	1.719628156	0.782096637			
4096	128	13	22	1.719721306	0.782174784			
4096	1024	1	16	1.719808497	0.782247928			
32	128	4	13	1.719863283	0.782293886			

64	64	3	11	1.719941084	0.782359147			
64	32	3	10	1.720210326	0.782584971			
1024	64	5	14	1.720306094	0.782665286			
4096	2048	2	17	1.720673609	0.782973462			
64	128	5	14	1.720711098	0.783004894			
2048	1024	5	18	1.720759743	0.783045679			
2048	256	5	16	1.720785434	0.783067218			
1024	128	10	19	1.721069407	0.78330528			
8	128	1	10	1.721295807	0.783495048			
512	128	3	13	1.721340517	0.78353252			
4	8	3	7	1.721561542	0.783717755			
2048	128	11	20	1.72206957	0.784143427			
256	1024	1	14	1.722224386	0.784273121			
16	128	2	11	1.72236845	0.784393798			
256	128	7	16	1.722784296	0.784742078			
256	16	4	11	1.722862243	0.784807351			
4096	1024	6	19	1.723107888	0.785013035			
4096	128	5	16	1.723124952	0.785027322			
64	8	1	8	1.723308404	0.78518091			
1024	32	8	15	1.72341629	0.785271226			
1024	32	3	13	1.723943452	0.785712453			
64	2048	11	25	1.723955268	0.785722341			
128	2048	11	25	1.723964893	0.785730395			
64	2048	9	23	1.723974246	0.785738223			
256	2048	11	25	1.723984135	0.785746498			
128	2048	9	23	1.724002835	0.785762147			
512	2048	11	25	1.724022598	0.785778685			
512	128	8	17	1.724035487	0.785789471			
256	2048	9	23	1.724059969	0.785809957			
1024	2048	11	25	1.724099433	0.78584298			
512	2048	9	23	1.724174061	0.785905427			
64	2048	5	19	1.724197931	0.785925399			
64	8	4	9	1.724251737	0.78597042			
2048	2048	11	25	1.724252744	0.785971263			
1024	2048	9	23	1.724401546	0.786095761			
128	2048	5	19	1.724449373	0.786135774			

128	4	1	9	1.724516295	0.786191761			
4096	2048	11	25	1.724557946	0.786226605			
64	2048	3	17	1.724693613	0.786340094			
512	1024	2	15	1.724849464	0.786470457			
2048	2048	9	23	1.72485375	0.786474042			
256	2048	5	19	1.724949746	0.786554331			
64	128	4	13	1.724984921	0.78658375			
2048	512	2	15	1.725285451	0.786835078			
128	2048	3	17	1.725435478	0.786960526			
256	256	1	12	1.725746994	0.787220971			
4096	2048	9	23	1.725747324	0.787221248			
512	2048	5	19	1.725940614	0.787382825			
64	2048	1	15	1.726156404	0.78756319			
128	128	5	14	1.726558507	0.787899223			
2048	64	9	17	1.726678065	0.787999121			
256	2048	3	17	1.726901319	0.788185645			
1024	64	2	13	1.726916513	0.788198338			
32	8	1	7	1.72698267	0.788253605			
2048	128	10	19	1.727027549	0.788291096			
2	4	1	4	1.7277535	0.788897402			
1024	1024	3	16	1.727753792	0.788897646			
16	128	1	10	1.72784555	0.788974263			
1024	2048	5	19	1.727884155	0.789006496			
4096	256	6	17	1.727893068	0.789013938			
128	2048	1	15	1.728325545	0.789374987			
128	8	9	13	1.728615263	0.789616805			
4096	128	11	20	1.728788487	0.78976137			
128	64	1	10	1.728925869	0.789876012			
128	32	4	11	1.72959489	0.790434166			
512	2048	3	17	1.729764301	0.790575468			
32	128	2	11	1.729841782	0.79064009			
1024	128	1	13	1.730224775	0.790959472			
512	128	7	16	1.73030147	0.79102342			
4096	4096	1	17	1.730423278	0.791124978			
2048	64	1	14	1.730442955	0.791141383			
256	64	5	13	1.730677572	0.791336973			

2048	1024	4	17	1.730936165	0.791552521			
2048	2048	5	19	1.73162811	0.792129126			
128	4	2	9	1.73163634	0.792135982			
512	16	7	13	1.731675327	0.792168463			
1024	128	8	17	1.732489681	0.792846759			
256	2048	1	15	1.732545409	0.792893165			
256	32	3	11	1.732631931	0.79296521			
512	128	1	12	1.733003124	0.793274255			
2048	1024	1	15	1.733104186	0.793358385			
16	8	5	9	1.733161851	0.793406386			
512	256	2	13	1.734053529	0.794148434			
128	8	1	9	1.734204015	0.79427363			
4096	1024	5	18	1.734387811	0.794426523			
128	128	4	13	1.734565393	0.794574232			
1024	2048	3	17	1.735236109	0.79513198			
4096	512	3	16	1.735485397	0.795339226			
32	64	1	9	1.735856267	0.795647494			
16	2	5	7	1.736169342	0.795907672			
2048	128	1	14	1.736681455	0.796333157			
256	128	5	14	1.737307951	0.796853506			
4096	128	10	19	1.73751876	0.797028555			
1024	32	4	13	1.737537973	0.797044507			
32	1	5	7	1.737705174	0.79718333			
512	1024	1	14	1.737837561	0.797293237			
4096	2048	5	19	1.738609617	0.79793403			
256	32	5	12	1.739009209	0.798265573			
2	8	1	5	1.739220194	0.798440596			
512	16	5	12	1.739346244	0.798545152			
4096	512	5	17	1.739773947	0.798899866			
32	128	1	10	1.740250517	0.799295004			
512	2048	1	15	1.740551558	0.799544549			
1	16	19	24	1.741101705	0.800000479			
1	16	18	23	1.741102133	0.800000834			
2	16	19	24	1.741102283	0.800000958			
1	16	17	22	1.741102879	0.800001452			
2	16	18	23	1.74110314	0.800001668			

4	16	19	24	1.741103439	0.800001916			
1	16	16	21	1.741104178	0.800002529			
2	16	17	22	1.741104632	0.800002905			
4	16	18	23	1.741105153	0.800003337			
8	256	13	23	1.741105153	0.800003337			
8	16	19	24	1.741105752	0.800003833			
2	16	16	21	1.74110723	0.800005057			
4	16	17	22	1.741108137	0.800005809			
8	16	18	23	1.741109179	0.800006673			
16	256	13	23	1.74110918	0.800006673			
1	16	14	19	1.741110377	0.800007665			
16	16	19	24	1.741110377	0.800007665			
4	16	16	21	1.741113332	0.800010114			
8	256	11	21	1.741113332	0.800010114			
8	16	17	22	1.741115147	0.800011617			
16	16	18	23	1.741117231	0.800013344			
32	256	13	23	1.741117231	0.800013344			
1	16	13	18	1.741117232	0.800013345			
32	16	19	24	1.741119625	0.800015328			
2	16	14	19	1.741119626	0.800015329			
8	16	16	21	1.741125534	0.800020225			
16	256	11	21	1.741125535	0.800020225			
16	16	17	22	1.741129162	0.800023231			
1	16	12	17	1.741129165	0.800023232			
32	16	18	23	1.741133329	0.800026683			
64	256	13	23	1.741133331	0.800026684			
2	16	13	18	1.741133332	0.800026686			
64	16	19	24	1.741138115	0.800030649			
4	16	14	19	1.741138119	0.800030652			
8	256	9	19	1.741138121	0.800030653			
128	4096	8	23	1.741144063	0.800035577			
16	16	16	21	1.74114993	0.800040439			
32	256	11	21	1.741149934	0.800040441			
1	16	11	16	1.741149937	0.800040444			
32	16	17	22	1.741157181	0.800046447			
2	16	12	17	1.74115719	0.800046454			

64	16	18	23	1.741165508	0.800053346			
128	256	13	23	1.741165514	0.800053351			
4	16	13	18	1.74116552	0.800053356			
128	16	19	24	1.74117507	0.800061269			
8	16	14	19	1.741175086	0.800061282			
16	256	9	19	1.741175094	0.800061289			
128	4096	7	22	1.741175867	0.800061929			
256	4096	8	23	1.741186969	0.800071128			
32	16	16	21	1.741198684	0.800080835			
64	256	11	21	1.741198698	0.800080846			
2	16	11	16	1.741198712	0.800080858			
64	16	17	22	1.741213167	0.800092835			
4	16	12	17	1.741213203	0.800092865			
8	256	7	17	1.741213221	0.80009288			
128	16	18	23	1.741229794	0.800106612			
256	256	13	23	1.741229818	0.800106631			
8	16	13	18	1.741229842	0.800106651			
256	16	19	24	1.741248882	0.800122427			
16	16	14	19	1.741248945	0.800122479			
32	256	9	19	1.741248976	0.800122505			
1	16	9	14	1.741249008	0.800122531			
256	4096	7	22	1.741250517	0.800123781			
512	4096	8	23	1.741272684	0.800142147			
64	16	16	21	1.741296046	0.800161503			
128	256	11	21	1.7412961	0.800161548			
4	16	11	16	1.741296155	0.800161593			
128	16	17	22	1.741324934	0.800185438			
8	16	12	17	1.741325078	0.800185557			
16	256	7	17	1.74132515	0.800185616			
256	16	18	23	1.741358083	0.800212902			
512	256	13	23	1.741358178	0.80021298			
16	16	13	18	1.741358273	0.800213058			
1	16	8	13	1.741358462	0.800213215			
512	16	19	24	1.741396114	0.800244409			
32	16	14	19	1.741396363	0.800244615			
64	256	9	19	1.741396488	0.800244719			

2	16	9	14	1.741396613	0.800244822			
512	4096	7	22	1.74139955	0.800247255			
1024	4096	8	23	1.741443736	0.800283862			
128	16	16	21	1.741490184	0.800322341			
256	256	11	21	1.7414904	0.80032252			
8	16	11	16	1.741490617	0.8003227			
128	4096	4	19	1.741494864	0.800326218			
256	16	17	22	1.741547656	0.800369952			
16	16	12	17	1.741548227	0.800370424			
32	256	7	17	1.741548513	0.800370662			
1	16	7	12	1.7415488	0.800370899			
512	16	18	23	1.741613535	0.800424524			
1024	256	13	23	1.74161391	0.800424835			
32	16	13	18	1.741614286	0.800425147			
2	16	8	13	1.74161504	0.800425772			
64	16	14	19	1.741690008	0.800487871			
128	256	9	19	1.741690504	0.800488282			
4	16	9	14	1.741691001	0.800488694			
1024	4096	7	22	1.741696549	0.800493289			
2048	4096	8	23	1.741784337	0.800566004			
256	16	16	21	1.741876143	0.800642044			
512	256	11	21	1.741877	0.800642753			
16	16	11	16	1.74187786	0.800643466			
1	16	6	11	1.741879588	0.800644897			
256	4096	4	19	1.741886654	0.800650749			
512	16	17	22	1.741989887	0.800736249			
32	16	12	17	1.741992142	0.800738116			
64	256	7	17	1.741993275	0.800739054			
2	16	7	12	1.741994414	0.800739997			
1024	1024	2	15	1.742111252	0.800836758			
2048	256	13	23	1.742121476	0.800845224			
64	16	13	18	1.742122959	0.800846453			
4	16	8	13	1.742125944	0.800848925			
8	256	3	13	1.742127445	0.800850168			
1024	64	3	13	1.742213537	0.800921461			
128	16	14	19	1.742272604	0.800970373			

256	256	9	19	1.742274556	0.800971989			
8	16	9	14	1.742276522	0.800973616			
2048	4096	7	22	1.742286337	0.800981744			
128	4096	2	17	1.742290352	0.800985068			
1024	256	3	14	1.742458337	0.801124161			
4096	4096	8	23	1.74245962	0.801125223			
1024	64	7	15	1.742501981	0.801160296			
512	16	16	21	1.742638991	0.801273728			
1024	256	11	21	1.742642339	0.8012765			
32	16	11	16	1.742645717	0.801279297			
2	16	6	11	1.742652532	0.801284939			
512	4096	4	19	1.742664475	0.801294826			
256	64	2	11	1.742747022	0.801363163			
64	16	12	17	1.742870622	0.801465478			
128	256	7	17	1.742875064	0.801469155			
4	16	7	12	1.74287955	0.801472869			
2048	64	3	14	1.742902694	0.801492027			
64	4	3	8	1.742980665	0.801556566			
4096	256	13	23	1.743121426	0.801673072			
128	16	13	18	1.7431272	0.80167785			
8	16	8	13	1.743138879	0.801687516			
16	256	3	13	1.743144786	0.801692405			
128	4096	1	16	1.743164784	0.801708956			
256	16	14	19	1.743419539	0.801919783			
512	256	9	19	1.743427115	0.801926053			
16	16	9	14	1.743434791	0.801932405			
4096	4096	7	22	1.743449473	0.801944554			
1	16	4	9	1.743450347	0.801945277			
256	4096	2	17	1.743465161	0.801957536			
1024	128	7	16	1.743550354	0.80202803			
64	128	2	11	1.743736273	0.80218186			
64	4	7	10	1.743985549	0.802388086			
2048	256	11	21	1.744142679	0.802518064			
64	16	11	16	1.744155712	0.802528845			
4	16	6	11	1.744182227	0.802550776			
8	256	1	11	1.744195713	0.802561932			

1024	4096	4	19	1.744197656	0.802563539			
128	16	12	17	1.744591545	0.802889303			
256	256	7	17	1.744608626	0.802903428			
8	16	7	12	1.744626045	0.802917832			
4	4	2	5	1.745004651	0.803230882			
256	16	13	18	1.74508558	0.803297789			
16	16	8	13	1.745130346	0.803334798			
32	256	3	13	1.74515323	0.803353716			
1	16	3	8	1.745176643	0.80337307			
256	4096	1	16	1.74519012	0.803384212			
2048	2048	3	17	1.745300515	0.803475469			
512	16	14	19	1.745644276	0.803759599			
1024	256	9	19	1.745672861	0.803783224			
32	16	9	14	1.74570218	0.803807453			
2	16	4	9	1.745762331	0.803857163			
512	4096	2	17	1.745773006	0.803865985			
64	8	7	11	1.746013581	0.80406478			
512	512	1	13	1.74645378	0.804428463			
2048	1024	3	16	1.746658751	0.804597773			
2048	128	8	17	1.747029324	0.804903824			
4096	256	11	21	1.747030045	0.804904419			
128	16	11	16	1.747078698	0.804944597			
2048	4096	4	19	1.74717844	0.805026959			
8	16	6	11	1.747179216	0.805027599			
16	256	1	11	1.74723116	0.805070491			
1024	128	2	13	1.747272588	0.805104698			
4096	128	1	15	1.747283003	0.805113297			
256	16	12	17	1.747899202	0.80562199			
512	256	7	17	1.747962559	0.805674283			
16	16	7	12	1.748028345	0.805728579			
128	8	2	9	1.748110175	0.805796114			
1	16	2	7	1.748165037	0.80584139			
512	32	6	13	1.748320968	0.805970068			
4	1	3	4	1.748402881	0.806037661	p.24 prisec	meruthree-	P.33
2048	256	1	14	1.748458882	0.806083869			
512	16	13	18	1.748818548	0.806380607			

32	16	8	13	1.748983656	0.806516808			
64	256	3	13	1.749069712	0.806587791			
512	4096	1	16	1.749131669	0.806638895			
4096	2048	1	16	1.749157752	0.806660408			
2	16	3	8	1.74915965	0.806661974			
128	64	3	11	1.749818253	0.807205082			
2048	256	9	19	1.749946984	0.807311215			
64	16	9	14	1.750054433	0.807399795			
32	32	1	8	1.750097563	0.80743535			
1024	4096	2	17	1.750231136	0.807545457			
4	16	4	9	1.750279906	0.807585658			
256	8	1	10	1.750398325	0.807683262			
2048	256	4	15	1.750844898	0.808051285			
4096	1024	4	17	1.751440919	0.808542323			
256	128	4	13	1.751585553	0.808661456			
4096	128	2	15	1.751762748	0.808807395			
256	16	11	16	1.752577367	0.809478133			
128	16	1	9	1.752643524	0.809532592			
1024	256	1	13	1.752672364	0.809556331			
4096	4096	4	19	1.752828088	0.809684508			
16	16	6	11	1.752940912	0.809777366			
256	128	1	11	1.752995193	0.80982204			
32	2	4	7	1.753096214	0.809905177			
32	256	1	11	1.753134122	0.809936372			
4096	256	1	15	1.753212105	0.810000545			
1	16	1	6	1.753340575	0.810106257			
512	16	12	17	1.754044828	0.810685619			
1024	256	7	17	1.754265331	0.81086697			
32	16	7	12	1.754501669	0.81106132			
8	8	3	7	1.754728148	0.811247538			
2	16	2	7	1.755009198	0.811478592			
1024	2048	1	15	1.75509084	0.811545703			
512	128	5	14	1.755903199	0.812213313			
128	4	8	11	1.756073236	0.812353013			
64	16	8	13	1.756227081	0.812479398			
256	8	6	11	1.756454835	0.81266648			

128	256	3	13	1.756533716	0.812731269			
1024	4096	1	16	1.756614629	0.812797723			
4	16	3	8	1.7568668	0.813004815			
4096	256	9	19	1.757756249	0.813735023			
128	16	9	14	1.75812306	0.814036056			
2048	4096	2	17	1.758583458	0.814413803			
8	16	4	9	1.758922715	0.814692094			
4096	256	5	16	1.759115481	0.814850195			
256	16	1	10	1.759360064	0.815050769			
256	8	9	13	1.759490135	0.815157425			
64	16	1	8	1.760232349	0.815765876			
2048	128	3	14	1.760458014	0.81595082			
1024	32	5	13	1.760964722	0.816366007			
64	32	2	9	1.761511306	0.816813735			
4096	256	2	15	1.761803817	0.817053284			
512	16	11	16	1.762437012	0.817571698			
4096	2048	3	17	1.762705194	0.817791209			
64	128	1	10	1.762723286	0.817806016			
16	512	14	25	1.763184295	0.818183279			
16	512	13	24	1.763185657	0.818184393			
32	512	14	25	1.763186079	0.818184739			
16	512	12	23	1.763188058	0.818186358			
32	512	13	24	1.763188803	0.818186968			
64	512	14	25	1.763189649	0.818187659			
32	512	12	23	1.763193606	0.818190897			
64	512	13	24	1.763195096	0.818192117			
128	512	14	25	1.763196786	0.818193499			
16	512	10	21	1.763199757	0.81819593			
64	512	12	23	1.7632047	0.818199975			
128	512	13	24	1.763207679	0.818202412			
256	512	14	25	1.763211058	0.818205177			
16	512	9	20	1.763212917	0.818206698			
32	512	10	21	1.763216999	0.818210038			
128	512	12	23	1.76322688	0.818218123			
256	512	13	24	1.763232835	0.818222995			
16	512	8	19	1.763236115	0.818225679			

512	512	14	25	1.763239589	0.818228521			
32	512	9	20	1.763243309	0.818231565			
64	512	10	21	1.763251468	0.818238241			
256	512	12	23	1.763271213	0.818254396			
16	512	7	18	1.763277002	0.818259133			
512	512	13	24	1.763283109	0.818264129			
32	512	8	19	1.763289678	0.818269504			
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64	512	9	20	1.76330405	0.818281263			
128	512	10	21	1.763320346	0.818294596			
16	512	6	17	1.76334905	0.818318081			
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32	512	7	18	1.763371372	0.818336343			
1024	512	13	24	1.763383502	0.818346267			
64	512	8	19	1.763396676	0.818357045			
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128	512	9	20	1.763425356	0.81838051			
256	512	10	21	1.76345786	0.818407101			
16	512	5	16	1.763475968	0.818421915			
32	512	6	17	1.763515246	0.818454048			
1024	512	12	23	1.763536414	0.818471365			
64	512	7	18	1.763559751	0.818490456			
2048	512	13	24	1.763583674	0.818510026			
128	512	8	19	1.763610168	0.8185317			
4096	512	14	25	1.763637189	0.818553804			
32	16	6	11	1.763651695	0.81856567			
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16	512	4	15	1.763699426	0.818604714			
512	512	10	21	1.763731927	0.8186313			
32	512	5	16	1.763768452	0.818661176			
16	8	1	6	1.763815048	0.818699289			
64	512	6	17	1.763846607	0.818725103			
2048	512	12	23	1.763887924	0.818758896			
128	512	7	18	1.763935067	0.818797454			
4096	512	13	24	1.763981585	0.8188355			
256	512	8	19	1.764035151	0.818879309			

16	512	3	14	1.764092569	0.818926267			
512	512	9	20	1.764148336	0.818971873			
32	512	4	15	1.764213631	0.819025269			
1024	1024	1	14	1.764260796	0.819063838			
1024	512	10	21	1.764276268	0.81907649			
64	256	1	11	1.764327022	0.819117993			
64	512	5	16	1.764350533	0.819137217			
4096	512	1	15	1.764388976	0.819168651			
512	64	5	13	1.76443585	0.819206979			
128	512	6	17	1.764505258	0.819263729			
4096	512	12	23	1.764583904	0.81932803			
256	512	7	18	1.764680013	0.819406605			
16	512	2	13	1.764783538	0.819491239			
512	512	8	19	1.76487724	0.819567837			
32	512	3	14	1.764995187	0.819664249			
2	16	1	6	1.765091075	0.819742626			
1024	512	9	20	1.76509963	0.819749618			
2048	128	7	16	1.765153735	0.81979384			
64	512	4	15	1.765234038	0.819859471			
2048	512	10	21	1.765350138	0.819954355			
128	512	5	16	1.765503332	0.820079544			
2048	256	7	17	1.765544888	0.820113501			
128	4	4	9	1.765776782	0.820302979			
256	512	6	17	1.765806617	0.820327355			
16	512	1	12	1.765996332	0.820482347			
512	512	7	18	1.766147754	0.820606042			
64	16	7	12	1.766326277	0.820751863			
32	512	2	13	1.76636452	0.820783099			
1024	512	8	19	1.766530907	0.820918991			
64	512	3	14	1.766778635	0.821121292			
2048	512	9	20	1.766960537	0.821269819			
128	512	4	15	1.767243683	0.821500985			
4096	512	10	21	1.767441367	0.821662356			
256	512	5	16	1.767764995	0.821926497			
8	1	1	4	1.767868472	0.822010944			
1024	64	4	13	1.768013498	0.822129289			

4	16	2	7	1.768098022	0.822198259			
128	128	2	11	1.768178476	0.822263905			
512	512	6	17	1.768348181	0.822402364			
32	4	3	7	1.768612253	0.822617789			
32	512	1	12	1.768757443	0.822736219			
1024	512	7	18	1.768999069	0.822933289			
256	8	3	10	1.769109871	0.82302365			
128	16	8	13	1.769201253	0.823098169			
2	2	1	3	1.769292354	0.823172456			
64	512	2	13	1.769468499	0.823316078			
2048	512	1	14	1.769648841	0.823463108			
2048	512	8	19	1.769723604	0.823524057			
256	16	5	11	1.769905304	0.823672173			
4096	128	8	17	1.770004107	0.823752708			
256	256	3	13	1.770199776	0.823912185			
2048	4096	1	16	1.770217858	0.823926922			
128	512	3	14	1.770261901	0.823962815			
2048	1024	2	15	1.770314665	0.824005816			
4096	512	9	20	1.770527735	0.824179444			
32	8	5	9	1.770982411	0.824549883			
256	512	4	15	1.771144663	0.824682053			
8	16	3	8	1.771357187	0.824855155			
512	16	1	11	1.771841933	0.825249906			
512	512	5	16	1.772123694	0.825479308			
256	16	9	14	1.772266117	0.82559525			
128	32	3	10	1.772570876	0.825843315			
4096	128	4	15	1.772594605	0.825862628			
512	256	1	12	1.773149405	0.826314102			
1024	512	6	17	1.773205589	0.826359815			
4096	4096	2	17	1.773443523	0.826553387			
64	512	1	12	1.77412977	0.827111541			
2048	512	7	18	1.77439639	0.827328335			
16	16	4	9	1.774857858	0.827703489			
64	2	7	9	1.775281016	0.828047412			
1024	128	3	13	1.775321762	0.828080525			
128	512	2	13	1.775458398	0.828191556			

4096	512	8	19	1.775701327	0.82838894			
256	32	1	10	1.776367212	0.828929848			
4096	1024	3	16	1.77644947	0.828996652			
16	4	4	7	1.776490137	0.829029679			
256	512	3	14	1.776919397	0.829378241			
64	2	5	8	1.777034364	0.82947158			
16	1	1	5	1.778187264	0.830407265			
64	64	1	9	1.778257808	0.830464498			
512	16	2	11	1.778353955	0.8305425			
512	512	4	15	1.778518198	0.830675736			
2048	64	7	15	1.778985509	0.831054759			
128	16	2	9	1.779188961	0.831219742			
2048	64	5	14	1.77937254	0.831368594			
512	128	4	13	1.779627627	0.831575401			
2048	2048	1	15	1.779735921	0.831663189			
512	32	1	11	1.780173622	0.832017955			
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2	32	19	25	1.781797754	0.833333591			
1	32	17	23	1.781797941	0.833333742			
4	32	19	25	1.781798072	0.833333848			
2	32	17	23	1.781798446	0.83333415			
8	32	19	25	1.781798708	0.833334363			
4	32	17	23	1.781799455	0.833334968			
16	32	19	25	1.781799979	0.833335392			
32	1024	13	25	1.781799979	0.833335392			
8	32	17	23	1.781801473	0.833336602			
1	32	13	19	1.781802522	0.833337451			
32	32	19	25	1.781802522	0.833337451			
64	1024	13	25	1.781802522	0.833337451			
16	32	17	23	1.78180551	0.83333987			
32	1024	11	23	1.78180551	0.83333987			
2	32	13	19	1.781807608	0.833341569			
64	32	19	25	1.781807608	0.833341569			
128	1024	13	25	1.781807608	0.833341569			

32	32	17	23	1.781813581	0.833346406			
1	32	11	17	1.781813582	0.833346406			
64	1024	11	23	1.781813582	0.833346406			
128	32	19	25	1.781817776	0.833349802			
256	1024	13	25	1.781817777	0.833349803			
4	32	13	19	1.781817778	0.833349803			
64	32	17	23	1.781829721	0.833359473			
128	1024	11	23	1.781829722	0.833359475			
2	32	11	17	1.781829724	0.833359476			
256	32	19	25	1.781838106	0.833366263			
512	1024	13	25	1.781838109	0.833366265			
8	32	13	19	1.781838112	0.833366267			
128	32	17	23	1.781861982	0.833385594			
256	1024	11	23	1.781861989	0.8333856			
4	32	11	17	1.781861996	0.833385606			
512	32	19	25	1.781878737	0.83339916			
1024	1024	13	25	1.781878748	0.833399169			
16	32	13	19	1.781878759	0.833399178			
32	1024	7	19	1.78187877	0.833399187			
256	32	17	23	1.781926437	0.83343778			
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8	32	11	17	1.781926493	0.833437825			
1024	32	19	25	1.781959878	0.833464854			
2048	1024	13	25	1.781959922	0.83346489			
32	32	13	19	1.781959967	0.833464926			
64	1024	7	19	1.781960011	0.833464962			
1	32	7	13	1.781960056	0.833464998			
512	32	17	23	1.782055075	0.833541924			
1024	1024	11	23	1.782055186	0.833542015			
16	32	11	17	1.782055298	0.833542105			
32	1024	5	17	1.78205541	0.833542196			
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2048	512	6	17	1.782142411	0.833612627			

1024	32	17	23	1.782311271	0.833749318			
2048	1024	11	23	1.782311713	0.833749676			
32	32	11	17	1.782312157	0.833750035			
64	1024	5	17	1.782312602	0.833750395			
1	32	5	11	1.782313048	0.833750756			
128	32	13	19	1.782444822	0.833857417			
256	1024	7	19	1.782445525	0.833857986			
4	32	7	13	1.78244623	0.833858556			
64	16	6	11	1.782507819	0.833908405			
1024	256	2	13	1.782776967	0.834126227			
4096	1024	11	23	1.78282115	0.834161982			
64	32	11	17	1.782822904	0.8341634			
128	1024	5	17	1.782824663	0.834164824			
2	32	5	11	1.782826435	0.834166258			
256	32	13	19	1.783085021	0.834375495			
512	1024	7	19	1.783087786	0.834377732			
8	32	7	13	1.783090575	0.834379989			
256	32	4	11	1.783150923	0.834428815			
32	8	2	7	1.783738726	0.834904311			
128	32	11	17	1.78383275	0.834980356			
256	1024	5	17	1.783839637	0.834985926			
4	32	5	11	1.783846619	0.834991573			
4096	512	7	18	1.784169223	0.835252457			
4096	256	7	17	1.784317322	0.835372206			
128	512	1	12	1.784326024	0.835379242			
512	32	13	19	1.784344568	0.835394235			
1024	1024	7	19	1.784355291	0.835402906			
16	32	7	13	1.784366197	0.835411723			
32	1024	1	13	1.784377196	0.835420616			
4096	1024	1	15	1.784448958	0.835478635			
128	256	1	11	1.784640358	0.835633371			
1024	128	5	14	1.785496099	0.836324982			
256	32	11	17	1.785807686	0.836576725			
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128	32	1	9	1.786281705	0.836959618			
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4	8	1	5	1.788691527	0.838904606			
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512	16	3	11	1.789798661	0.839797304			
1024	32	1	12	1.789897126	0.839876671			
1024	512	1	13	1.790269725	0.840176963			
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1024	512	4	15	1.791835709	0.841438364			
128	1024	1	13	1.791838586	0.841440681			
2048	256	3	14	1.791985556	0.841559009			
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512	32	2	11	1.792769216	0.842189782			
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512	256	3	13	1.793687786	0.842928793			
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512	16	9	14	1.795182809	0.844130765			
256	16	3	10	1.795720416	0.844562748			
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1024	32	11	17	1.796585555	0.845257639			
2048	1024	5	17	1.796922106	0.845527871			
4096	128	7	16	1.79723028	0.845775274			
32	32	5	11	1.79729154	0.845824448			
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4096	512	6	17	1.797617418	0.846086009			
1024	64	1	12	1.797678166	0.846134762			
64	2048	12	25	1.79770574	0.84615689			
64	2048	11	24	1.797708765	0.846159318			
128	2048	12	25	1.797709532	0.846159934			
64	2048	10	23	1.797714204	0.846163683			
128	2048	11	24	1.797715583	0.84616479			
256	2048	12	25	1.797717117	0.846166021			
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256	2048	11	24	1.797729216	0.84617573			
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64	2048	8	21	1.797741551	0.84618563			
128	2048	9	22	1.797746005	0.846189204			
256	2048	10	23	1.79775096	0.84619318			
512	2048	11	24	1.797756471	0.846197603			
1024	2048	12	25	1.797762602	0.846202522			
64	2048	7	20	1.79777313	0.846210971			
128	2048	8	21	1.797781132	0.846217393			
256	2048	9	22	1.797790032	0.846224535			
512	2048	10	23	1.797799931	0.846232479			
1024	2048	11	24	1.79781094	0.846241313			
2048	2048	12	25	1.797823183	0.846251138			
64	2048	6	19	1.797829869	0.846256503			
128	2048	7	20	1.797844239	0.846268035			
256	2048	8	21	1.79786022	0.846280858			
512	2048	9	22	1.797877989	0.846295117			
1024	2048	10	23	1.797897745	0.846310971			
2048	2048	11	24	1.79791971	0.846328596			
64	2048	5	18	1.797931786	0.846338286			

4096	2048	12	25	1.797944127	0.846348188			
128	2048	6	19	1.797957574	0.846358978			
256	2048	7	20	1.79798624	0.84638198			
512	2048	8	21	1.798018104	0.846407547			
1024	2048	9	22	1.798053516	0.846435961			
2048	2048	10	23	1.798092865	0.846467533			
32	16	1	7	1.798093333	0.846467908			
32	1	1	6	1.798106433	0.846478419			
64	2048	4	17	1.798114762	0.846485102			
4096	2048	11	24	1.798136581	0.846502608			
128	2048	5	18	1.798160982	0.846522185			
256	2048	6	19	1.798212332	0.846563384			
512	2048	7	20	1.798269371	0.846609145			
1024	2048	8	21	1.798332714	0.846659962			
2048	2048	9	22	1.798403038	0.846716378			
64	2048	3	16	1.798443017	0.846748449			
4096	2048	10	23	1.798481087	0.846778988			
128	2048	4	17	1.798525693	0.846814769			
256	2048	5	18	1.798617456	0.846888375			
512	2048	6	19	1.798719269	0.846970039			
1024	2048	7	20	1.798832187	0.847060604			
2048	2048	8	21	1.79895736	0.847160991			
64	2048	2	15	1.799031235	0.847220235			
4096	2048	9	22	1.799096045	0.847272207			
128	2048	3	16	1.799178638	0.847338437			
256	2048	4	17	1.799341973	0.847469403			
512	2048	5	18	1.799522847	0.847614419			
1024	2048	6	19	1.799723004	0.847774878			
2048	2048	7	20	1.799944319	0.847952278			
64	2048	1	14	1.800083588	0.848063901			
4096	2048	8	21	1.800188809	0.848148229			
128	2048	2	15	1.800345012	0.848273407			
256	2048	3	16	1.800633877	0.848504868			
128	32	7	13	1.800645813	0.848514431			
128	128	1	10	1.800727879	0.848580182			
4096	256	4	15	1.800728979	0.848581063			

512	2048	4	17	1.800952725	0.848760311			
64	8	3	8	1.801105012	0.848882299			
256	1024	1	13	1.801200947	0.848959141			
1024	2048	5	18	1.801304251	0.849041882			
2048	2048	6	19	1.801691286	0.849351831			
4	32	1	7	1.801827731	0.849461085			
4096	2048	7	20	1.802116777	0.849692501			
128	2048	1	14	1.802421971	0.849936805			
32	16	4	9	1.802570144	0.850055401			
1024	32	6	13	1.802610299	0.850087538			
256	512	1	12	1.802857579	0.850285433			
256	2048	2	15	1.802927576	0.850341444			
512	2048	3	16	1.803482659	0.850785552			
1024	2048	4	17	1.804090876	0.851272012			
2048	2048	5	18	1.80475587	0.851803696			
2048	1024	1	14	1.804991928	0.851992385			
2048	64	1	13	1.805307321	0.852244451			
4096	2048	6	19	1.805481204	0.852383401			
512	512	2	13	1.806549611	0.853236875			
128	4	5	9	1.806571074	0.853254015			
256	2048	1	14	1.806975458	0.853576912			
16	1	2	5	1.806985596	0.853585006			
256	64	1	10	1.807236326	0.853785175			
256	128	2	11	1.807890915	0.85430763			
512	2048	2	15	1.807922722	0.854333013			
16	8	3	7	1.808773006	0.855011367			
1024	2048	3	16	1.808950386	0.85515284			
4096	1024	5	17	1.809828226	0.855852775			
2048	2048	4	17	1.810061544	0.856038752			
512	16	4	11	1.81017402	0.856128397			
1024	512	3	14	1.810364788	0.856280429			
64	32	5	11	1.811054367	0.856829856			
2048	64	2	13	1.811249051	0.856984934			
4096	2048	5	18	1.811258638	0.85699257			
2	64	18	25	1.811447512	0.857143003			
2	64	17	24	1.811447661	0.857143122			

4	64	18	25	1.811447695	0.857143149			
2	64	16	23	1.81144793	0.857143336			
4	64	17	24	1.811447993	0.857143386			
8	64	18	25	1.811448062	0.857143441			
2	64	15	22	1.811448418	0.857143725			
4	64	16	23	1.811448532	0.857143816			
8	64	17	24	1.811448657	0.857143915			
16	64	18	25	1.811448795	0.857144025			
4	64	15	22	1.811449508	0.857144593			
8	64	16	23	1.811449735	0.857144774			
16	64	17	24	1.811449986	0.857144973			
32	64	18	25	1.811450262	0.857145194			
2	64	13	20	1.811450905	0.857145705			
8	64	15	22	1.811451688	0.857146329			
16	64	16	23	1.811452142	0.857146691			
32	64	17	24	1.811452643	0.85714709			
64	64	18	25	1.811453196	0.85714753			
128	4096	11	25	1.811453196	0.85714753			
2	64	12	19	1.811453807	0.857148016			
4	64	13	20	1.811454481	0.857148553			
16	64	15	22	1.811456047	0.857149801			
32	64	16	23	1.811456954	0.857150524			
64	64	17	24	1.811457956	0.857151321			
128	64	18	25	1.811459062	0.857152202			
2	64	11	18	1.811459063	0.857152203			
256	4096	11	25	1.811459063	0.857152202			
4	64	12	19	1.811460284	0.857153175			
8	64	13	20	1.811461632	0.857154249			
32	64	15	22	1.811464764	0.857156743			
64	64	16	23	1.811466578	0.857158188			
128	4096	9	23	1.811466579	0.857158189			
128	64	17	24	1.811468581	0.857159784			
2	64	10	17	1.811468583	0.857159785			
256	64	18	25	1.811470793	0.857161545			
512	4096	11	25	1.811470794	0.857161546			
4	64	11	18	1.811470795	0.857161546			

8	64	12	19	1.811473237	0.857163491			
16	64	13	20	1.811475932	0.857165638			
64	64	15	22	1.811482194	0.857170625			
128	64	16	23	1.811485821	0.857173513			
256	4096	9	23	1.811485823	0.857173515			
2	64	9	16	1.811485826	0.857173518			
256	64	17	24	1.811489824	0.857176702			
4	64	10	17	1.811489831	0.857176707			
512	64	18	25	1.811494244	0.857180222			
1024	4096	11	25	1.811494249	0.857180225			
8	64	11	18	1.811494253	0.857180229			
16	64	12	19	1.811499134	0.857184116			
32	64	13	20	1.811504522	0.857188407			
128	64	15	22	1.811517035	0.857198372			
2	64	8	15	1.811517053	0.857198387			
256	64	16	23	1.811524282	0.857204144			
512	4096	9	23	1.811524293	0.857204153			
4	64	9	16	1.811524304	0.857204162			
512	64	17	24	1.81153228	0.857210514			
8	64	10	17	1.811532308	0.857210536			
1024	64	18	25	1.811541109	0.857217545			
2048	4096	11	25	1.811541126	0.857217559			
16	64	11	18	1.811541143	0.857217572			
32	64	12	19	1.811550894	0.857225338			
64	64	13	20	1.811561657	0.857233909			
256	64	15	22	1.811586644	0.857253809			
4	64	8	15	1.811586719	0.857253868			
512	64	16	23	1.811601111	0.857265329			
1024	4096	9	23	1.811601156	0.857265365			
8	64	9	16	1.811601202	0.857265402			
1024	64	17	24	1.811617073	0.857278041			
16	64	10	17	1.811617185	0.85727813			
2048	64	18	25	1.811634686	0.857292067			
4096	4096	11	25	1.811634754	0.857292121			
32	64	11	18	1.811634822	0.857292175			
64	64	12	19	1.811654283	0.857307673			

128	4096	5	19	1.811654366	0.857307739			
128	64	13	20	1.811675755	0.857324772			
2	64	6	13	1.811675957	0.857324933			
512	64	15	22	1.811725576	0.857364445			
8	64	8	15	1.811725875	0.857364683			
1024	64	16	23	1.811754399	0.857387397			
2048	4096	9	23	1.81175458	0.857387542			
16	64	9	16	1.811754762	0.857387687			
2048	64	17	24	1.811786185	0.857412708			
32	64	10	17	1.811786628	0.857413061			
64	64	11	18	1.811821774	0.857441046			
128	64	12	19	1.811860531	0.857471908			
256	4096	5	19	1.81186086	0.85747217			
2	64	5	12	1.81186119	0.857472432			
256	64	13	20	1.811903265	0.857505934			
4	64	6	13	1.811904067	0.857506573			
1024	64	15	22	1.812002296	0.857584783			
16	64	8	15	1.812003483	0.857585728			
2048	64	16	23	1.812059507	0.857630333			
4096	4096	9	23	1.812060227	0.857630907			
32	64	9	16	1.812060951	0.857631483			
4096	1024	2	15	1.812076319	0.857643718			
64	64	10	17	1.812124285	0.857681907			
128	4096	3	17	1.812125167	0.857682609			
128	64	11	18	1.812194067	0.857737462			
2	64	4	11	1.812196219	0.857739174			
256	64	12	19	1.812270931	0.857798652			
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4	64	5	12	1.812273546	0.857800734			
1024	64	5	13	1.812312389	0.857831655			
512	64	13	20	1.812355567	0.857866027			
8	64	6	13	1.812358745	0.857868556			
1024	128	1	12	1.812377597	0.857883563			
2048	64	15	22	1.812551227	0.85802177			
32	64	8	15	1.812555913	0.8580255			
2048	128	1	13	1.812603754	0.858063578			

64	64	9	16	1.812669636	0.858116014			
128	64	10	17	1.812794746	0.858215585			
256	4096	3	17	1.812798228	0.858218356			
2	64	3	10	1.812801746	0.858221156			
256	64	11	18	1.812932313	0.858325062			
4	64	4	11	1.812940807	0.858331821			
512	64	12	19	1.813083493	0.858445363			
1024	4096	5	19	1.81308861	0.858449435			
8	64	5	12	1.813093791	0.858453558			
128	16	6	11	1.81324814	0.858576369			
1024	64	13	20	1.813249528	0.858577473			
16	64	6	13	1.813262004	0.858587399			
64	64	8	15	1.813649827	0.858895933			
128	4096	1	15	1.813659109	0.858903316			
16	2	1	5	1.813730797	0.858960339			
128	64	9	16	1.813872553	0.859073093			
2	64	2	9	1.813895221	0.859091121			
32	2	1	6	1.81397716	0.859156291			
256	64	10	17	1.814116736	0.859267295			
512	4096	3	17	1.814130303	0.859278084			
4	64	3	10	1.81414415	0.859289095			
16	1	5	6	1.814178658	0.859316538			
2048	512	4	15	1.814274569	0.859392807			
512	64	11	18	1.814384187	0.859479972			
8	64	4	11	1.8144173	0.859506301			
128	4	7	10	1.814642101	0.859685036			
1024	64	12	19	1.814676809	0.85971263			
2048	4096	5	19	1.814696535	0.859728312			
16	64	5	12	1.814716752	0.859744385			
512	32	3	11	1.814801125	0.859811459			
2048	64	13	20	1.814996594	0.85996684			
32	64	6	13	1.815044701	0.86000508			
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128	64	8	15	1.815795372	0.86060163			
256	4096	1	15	1.815831203	0.860630098			
2	64	1	8	1.815868245	0.860659528			

256	64	9	16	1.816222939	0.860941302			
128	8	4	9	1.816232097	0.860948577			
4	64	2	9	1.816310594	0.861010929			
256	32	7	13	1.816473615	0.86114041			
512	64	10	17	1.816688652	0.861311189			
1024	4096	3	17	1.816740219	0.861352139			
8	64	3	10	1.816793875	0.861394747			
1024	64	11	18	1.817195034	0.861713268			
1024	2048	2	15	1.817302787	0.861798812			
16	64	4	11	1.81732106	0.861813318			
2048	64	12	19	1.817744586	0.862149498			
4096	2048	1	15	1.817786063	0.862182417			
4096	4096	5	19	1.817818092	0.862207837			
32	64	5	12	1.817895153	0.862268994			
512	1024	1	13	1.818237481	0.862540643			
4096	512	5	16	1.818249791	0.86255041			
64	64	6	13	1.818519141	0.862764111			
256	16	7	12	1.818583096	0.862814848			
4096	128	1	14	1.818613506	0.862838972			
256	256	1	11	1.81907093	0.863201798			
2048	2048	3	16	1.819080948	0.863209744			
512	64	2	11	1.819577319	0.863603357			
256	64	8	15	1.819928359	0.86388166			
512	4096	1	15	1.820062197	0.863987753			
4	64	1	8	1.820204896	0.86410086			
8	32	1	7	1.820424962	0.864275274			
512	64	9	16	1.82071898	0.864508266			
4096	2048	4	17	1.82096146	0.864700388			
8	64	2	9	1.821047612	0.864768642			
1024	64	10	17	1.82157014	0.865182547			
1024	128	4	13	1.82172454	0.865304828			
2048	4096	3	17	1.821757385	0.865330839			
2048	64	3	13	1.821795077	0.865360688			
16	64	3	10	1.821959289	0.865490723			
2048	64	11	18	1.822483824	0.865906009			
8	2	3	5	1.822509491	0.865926328			

32	64	4	11	1.82294285	0.866269333			
64	32	1	8	1.823703687	0.866871341			
512	16	8	13	1.823858212	0.866993578			
64	64	5	12	1.824000782	0.867106348			
2048	128	2	13	1.824016937	0.867119125			
512	128	1	11	1.824455215	0.867465738			
128	64	6	13	1.825135031	0.868003205			
4096	256	1	14	1.825480632	0.868276362			
64	2	1	7	1.825863947	0.868579268			
2048	256	1	13	1.826363153	0.868973658			
64	8	5	9	1.82706861	0.869530811			
8	16	1	6	1.827391358	0.869785637			
512	64	8	15	1.827636954	0.869979518			
1024	4096	1	15	1.828108097	0.87035138			
2048	128	5	14	1.82829522	0.870499045			
8	64	1	8	1.828639279	0.870770514			
1024	64	9	16	1.82900494	0.871058972			
16	64	2	9	1.830171148	0.871978568			
2048	64	10	17	1.830449739	0.87219816			
1024	256	3	13	1.830723648	0.87241403			
4096	4096	3	17	1.831078194	0.872693401			
1024	2048	1	14	1.831394194	0.872942354			
32	64	3	10	1.831798974	0.873261187			
64	64	4	11	1.833521075	0.874616849			
4	128	17	25	1.834008325	0.875000188			
8	128	17	25	1.834008563	0.875000375			
4	128	15	23	1.834008888	0.875000631			
16	128	17	25	1.83400904	0.87500075			
8	128	15	23	1.83400969	0.875001262			
32	128	17	25	1.834009994	0.8750015			
4	128	13	21	1.834010784	0.875002122			
16	128	15	23	1.834011294	0.875002523			
64	128	17	25	1.834011901	0.875003001			
8	128	13	21	1.834013481	0.875004244			
32	128	15	23	1.834014502	0.875005046			
128	128	17	25	1.834015715	0.875006001			

4	128	11	19	1.834017159	0.875007137			
16	128	13	21	1.834018875	0.875008487			
64	128	15	23	1.834020916	0.875010092			
256	128	17	25	1.834023343	0.875012001			
8	128	11	19	1.83402623	0.875014272			
32	128	13	21	1.834029661	0.875016972			
128	128	15	23	1.834033742	0.875020181			
512	128	17	25	1.834038594	0.875023998			
4	128	9	17	1.834038598	0.875024001			
16	128	11	19	1.834044368	0.87502854			
64	128	13	21	1.834051228	0.875033936			
2048	2048	2	15	1.834056649	0.875038201			
256	128	15	23	1.834059384	0.875040352			
1024	128	17	25	1.83406908	0.875047979			
8	128	9	17	1.834069096	0.875047992			
32	128	11	19	1.834080628	0.875057063			
128	128	13	21	1.834094336	0.875067846			
512	128	15	23	1.834110629	0.875080661			
4	128	7	15	1.834110675	0.875080697			
16	16	2	7	1.834127828	0.87509419			
2048	128	17	25	1.834129991	0.875095891			
16	128	9	17	1.834130055	0.875095942			
64	128	11	19	1.834153087	0.875114058			
256	128	13	21	1.834180452	0.875135583			
1024	128	15	23	1.83421296	0.875161151			
8	128	7	15	1.834213143	0.875161295			
4096	128	17	25	1.834251564	0.875191515			
32	128	9	17	1.834251822	0.875191718			
128	128	11	19	1.834297756	0.875227846			
512	512	1	12	1.834326558	0.875250499			
512	128	13	21	1.834352286	0.875270734			
4	128	5	13	1.834352802	0.87527114			
4096	128	3	14	1.834414811	0.875319908			
2048	128	15	23	1.83441699	0.875321622			
16	128	7	15	1.834417719	0.875322195			
64	128	9	17	1.834494751	0.875382777			

256	128	11	19	1.834586107	0.875454619			
1024	128	13	21	1.83469437	0.875539754			
8	128	5	13	1.834696421	0.875541367			
128	32	5	11	1.834815667	0.875635131			
4096	128	15	23	1.834822556	0.875640548			
32	128	7	15	1.834825441	0.875642817			
128	32	2	9	1.83485855	0.87566885			
128	128	9	17	1.834978214	0.875762935			
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512	128	11	19	1.835158905	0.87590499			
4	128	3	11	1.835164671	0.875909523			
128	64	5	12	1.835334459	0.876042994			
2048	128	13	21	1.835372312	0.876072748			
16	128	5	13	1.8353804	0.876079106			
64	128	7	15	1.835635237	0.876279406			
32	1	6	7	1.83584921	0.876447566			
256	128	9	17	1.835935726	0.876515553			
1024	128	11	19	1.836289258	0.876793335			
8	128	3	11	1.836311872	0.876811101			
4096	128	13	21	1.836704066	0.877119195			
32	128	5	13	1.836735536	0.877143914			
4096	2048	3	16	1.836799405	0.87719408			
128	128	7	15	1.837232778	0.877534428			
256	64	6	13	1.837234828	0.877536038			
64	2	2	7	1.837594621	0.877818539			
512	128	9	17	1.837814362	0.877991047			
4	128	1	9	1.83787742	0.878040547			
4096	512	1	14	1.838410505	0.878458947			
2048	128	11	19	1.838491763	0.878522713			
16	128	3	11	1.838578799	0.87859101			
1024	256	1	12	1.838854216	0.878807108			
1024	512	2	13	1.839232522	0.879103882			
64	128	5	13	1.83939619	0.879232257			
64	4	1	7	1.839834195	0.879575757			
256	128	7	15	1.840343764	0.879975277			
2048	64	4	13	1.840589201	0.880167669			

32	16	3	8	1.840703498	0.880257255			
1024	64	8	15	1.841273168	0.880703679			
1024	128	9	17	1.841435386	0.880830775			
8	128	1	9	1.841674944	0.881018448			
512	32	7	13	1.84236038	0.881555291			
4096	128	11	19	1.842683765	0.881808502			
2048	4096	1	15	1.842776747	0.881881299			
32	128	3	11	1.843007258	0.882061752			
256	8	7	11	1.843190589	0.882205256			
2048	64	9	16	1.84339678	0.882366636			
128	64	1	9	1.843559078	0.882493649			
2048	128	3	13	1.844014864	0.882850285			
2048	512	3	14	1.844068691	0.882892397			
32	4	1	6	1.844486627	0.883219329			
128	128	5	13	1.844531269	0.883254246			
16	64	1	8	1.844637847	0.883337604			
256	32	3	10	1.84496449	0.883593049			
512	128	7	15	1.846258579	0.884604625			
128	4	1	8	1.846917041	0.885119066			
64	16	4	9	1.847064338	0.88523412			
32	64	2	9	1.847182386	0.885326322			
1024	1024	1	13	1.847212732	0.885350022			
2048	256	2	13	1.847517741	0.885588218			
512	16	5	11	1.847613262	0.885662807			
2048	128	9	17	1.848195972	0.88611774			
4096	512	4	15	1.848805207	0.886593228			
16	128	1	9	1.849065958	0.886796688			
8	2	1	4	1.849420696	0.887073438			
64	64	3	10	1.849806221	0.887374147			
8	4	2	5	1.850456984	0.887881599			
2048	512	1	13	1.851072791	0.888361628			
64	128	3	11	1.851475037	0.888675099			
8	256	16	25	1.851749761	0.888889151			
16	256	16	25	1.851750097	0.888889413			
8	256	14	23	1.851750578	0.888889788			
32	256	16	25	1.85175077	0.888889937			

8	256	13	22	1.851751561	0.888890553			
16	256	14	23	1.851751732	0.888890686			
64	256	16	25	1.851752116	0.888890986			
16	256	13	22	1.851753697	0.888892217			
32	256	14	23	1.851754039	0.888892484			
128	256	16	25	1.851754807	0.888893082			
8	256	11	20	1.851756749	0.888894595			
32	256	13	22	1.851757968	0.888895545			
64	256	14	23	1.851758652	0.888896078			
256	256	16	25	1.851760189	0.888897275			
8	256	10	19	1.851762987	0.888899455			
16	256	11	20	1.851764072	0.888900301			
64	256	13	22	1.851766511	0.888902201			
128	256	14	23	1.851767878	0.888903266			
512	256	16	25	1.85177095	0.888905659			
16	256	10	19	1.851776546	0.888910019			
32	256	11	20	1.851778716	0.88891171			
128	256	13	22	1.851783591	0.888915508			
256	256	14	23	1.851786325	0.888917638			
1024	256	16	25	1.851792466	0.888922422			
8	256	8	17	1.851795919	0.888925112			
32	256	10	19	1.851803656	0.88893114			
64	256	11	20	1.851807994	0.888934519			
256	256	13	22	1.851817737	0.88894211			
512	256	14	23	1.851823199	0.888946365			
2048	256	16	25	1.851835467	0.888955923			
8	256	7	16	1.851835503	0.888955951			
16	256	8	17	1.851842385	0.888961313			
64	256	10	19	1.851857843	0.888973355			
128	256	11	20	1.851866507	0.888980105			
512	256	13	22	1.851885964	0.888995262			
1024	256	14	23	1.851896868	0.889003757			
4096	256	16	25	1.851921349	0.889022829			
16	256	7	16	1.851921493	0.889022941			
32	256	8	17	1.851935235	0.889033646			
128	256	10	19	1.851966083	0.889057677			

256	256	11	20	1.851983369	0.889071143			
1024	256	13	22	1.852022161	0.889101362			
2048	256	14	23	1.852043891	0.889118289			
8	256	5	14	1.852044312	0.889118617			
32	256	7	16	1.85209321	0.889156707			
64	256	8	17	1.852120598	0.889178041			
256	256	10	19	1.852182035	0.889225896			
512	256	11	20	1.852216431	0.889252687			
2048	256	13	22	1.852293541	0.889312747			
8	256	4	13	1.852294978	0.889313866			
4096	256	14	23	1.852336684	0.889346349			
16	256	5	14	1.852338357	0.889347652			
64	256	7	16	1.852435598	0.889423387			
128	256	8	17	1.852489998	0.889465753			
128	64	4	11	1.852495894	0.889470345			
512	256	10	19	1.852611839	0.889560638			
1024	256	11	20	1.852679937	0.889613668			
4096	256	13	22	1.852832289	0.8897323			
16	256	4	13	1.852837975	0.889736728			
32	256	5	14	1.852923943	0.889803664			
128	256	7	16	1.853116236	0.889953377			
256	256	8	17	1.853223548	0.890036919			
1024	256	10	19	1.853463192	0.890223465			
2048	256	11	20	1.853596686	0.89032737			
8	256	2	11	1.853613238	0.890340253			
32	256	4	13	1.853916407	0.890576195			
64	256	5	14	1.854085243	0.890707574			
512	32	4	11	1.854102918	0.890721328			
16	32	1	7	1.854129419	0.890741948			
256	128	5	13	1.854140562	0.890750618			
256	256	7	16	1.854461301	0.891000162			
512	256	8	17	1.854670177	0.89116265			
2048	256	10	19	1.855133966	0.891523373			
8	256	1	10	1.855189533	0.891566586			
256	64	5	12	1.855237209	0.89160366			
4096	256	11	20	1.85539069	0.891723008			

4096	256	3	14	1.855437257	0.891759216			
16	256	2	11	1.85545487	0.891772911			
64	256	4	13	1.856043752	0.892230719			
128	256	5	14	1.856369507	0.892483905			
1024	128	7	15	1.857048199	0.89301126			
32	2	5	7	1.857082027	0.89303754			
512	256	7	16	1.857089238	0.893043142			
1024	256	8	17	1.857485432	0.893350896			
512	64	6	13	1.858015687	0.893762682			
2048	2048	1	14	1.858241085	0.893937686			
4096	256	10	19	1.858355841	0.894026778			
16	256	1	10	1.858567123	0.894190793			
256	16	6	11	1.859002597	0.894528786			
32	256	2	11	1.859073893	0.894584115			
128	8	1	8	1.859386031	0.894826322			
256	128	1	10	1.859400673	0.894837683			
64	2	3	7	1.859449495	0.894875563			
4096	128	9	17	1.860173043	0.895436835			
128	256	4	13	1.860185841	0.89544676			
512	64	3	11	1.86042115	0.895629246			
256	256	5	14	1.860793229	0.895917752			
4096	1024	1	14	1.861570849	0.896520525			
4096	2048	2	15	1.861808731	0.896704868			
1024	256	7	16	1.862115417	0.896942497			
1024	32	5	12	1.862366102	0.897136704			
2048	256	8	17	1.862831573	0.897497239			
64	4	2	7	1.862969724	0.897604229			
32	128	1	9	1.863102392	0.897706964			
256	8	1	9	1.863431528	0.897961808			
16	1	3	5	1.863479511	0.897998957			
2048	64	8	15	1.86362739	0.898113439			
512	16	7	12	1.864543386	0.898822368			
32	256	1	10	1.865144375	0.89928731			
16	512	13	23	1.866067736	0.900001355			
32	512	13	23	1.866069489	0.90000271			
64	256	2	11	1.866069831	0.900002975			

16	512	11	21	1.866072086	0.900004719			
64	512	13	23	1.866072994	0.90000542			
32	512	11	21	1.866078189	0.900009437			
128	512	13	23	1.866080003	0.900010839			
16	512	9	19	1.866087233	0.900016429			
64	512	11	21	1.866090392	0.900018871			
256	512	13	23	1.86609402	0.900021676			
32	512	9	19	1.866108477	0.900032853			
128	512	11	21	1.866114791	0.900037734			
512	512	13	23	1.866122042	0.90004334			
16	512	7	17	1.866139959	0.900057191			
64	512	9	19	1.866150946	0.900065685			
256	512	11	21	1.86616356	0.900075437			
1024	512	13	23	1.866178043	0.900086633			
32	512	7	17	1.866213867	0.900114328			
128	512	9	19	1.866235804	0.900131286			
512	512	11	21	1.866260979	0.900150748			
2048	512	13	23	1.866289868	0.90017308			
64	512	7	17	1.866361483	0.900228439			
256	512	9	19	1.866405208	0.900262238			
1024	512	11	21	1.866455347	0.900300994			
512	128	2	11	1.866510883	0.90034392			
4096	512	13	23	1.866512817	0.900345416			
64	8	1	7	1.866536062	0.900363382			
128	512	7	17	1.866655911	0.900456014			
512	512	9	19	1.866742779	0.90052315			
2048	512	11	21	1.866842213	0.900599995			
16	512	3	13	1.866960184	0.90069116			
128	128	3	11	1.867068629	0.900774958			
256	512	7	17	1.867241589	0.9009086			
1024	512	9	19	1.867413029	0.901041054			
4096	512	11	21	1.867608594	0.901192132			
4096	4096	1	15	1.867785985	0.901329158			
32	512	3	13	1.867848014	0.901377069			
256	256	4	13	1.868058646	0.901539748			
512	512	7	17	1.868400468	0.901803712			

2048	512	9	19	1.868734453	0.902061577			
512	256	5	14	1.869120868	0.902359865			
16	512	1	11	1.86916258	0.90239206			
64	512	3	13	1.869604964	0.902733469			
1024	512	7	17	1.870670135	0.903555183			
512	128	5	13	1.871225305	0.903983277			
4096	512	9	19	1.871304684	0.904044476			
2048	256	7	16	1.871375252	0.90409888			
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512	256	1	11	1.872332448	0.90483662			
16	2	2	5	1.872357521	0.90485594			
4096	256	8	17	1.872564005	0.905015031			
256	32	5	11	1.872591394	0.905036133			
128	512	3	13	1.873046683	0.905386857			
256	8	2	9	1.873283106	0.905568948			
32	64	1	8	1.873703201	0.905892445			
2048	64	5	13	1.874564442	0.906555422			
256	16	1	9	1.874686766	0.906649562			
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2048	512	7	17	1.875030394	0.906913981			
2048	128	7	15	1.87550561	0.907279579			
512	16	1	10	1.876731522	0.908222278			
64	64	2	9	1.877255831	0.908625273			
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64	256	1	10	1.87764703	0.908925883			
32	1024	14	25	1.877862608	0.909091514			
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32	1024	12	23	1.877864596	0.90909304			
64	1024	13	24	1.877864776	0.909093179			
128	1024	14	25	1.877864968	0.909093327			
64	1024	12	23	1.87786737	0.909095172			
128	1024	13	24	1.877867731	0.909095449			
256	1024	14	25	1.877868115	0.909095744			
32	1024	10	21	1.877871604	0.909098425			

128	1024	12	23	1.877872918	0.909099434			
256	1024	13	24	1.877873639	0.909099988			
512	1024	14	25	1.877874408	0.909100579			
32	1024	9	20	1.87788019	0.909105021			
64	1024	10	21	1.877881385	0.909105939			
256	1024	12	23	1.877884011	0.909107957			
512	1024	13	24	1.877885454	0.909109065			
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32	1024	8	19	1.877896313	0.909117407			
64	1024	9	20	1.877898555	0.90911913			
128	1024	10	21	1.877900942	0.909120964			
512	1024	12	23	1.877906193	0.909124998			
1024	1024	13	24	1.877909076	0.909127213			
2048	1024	14	25	1.877912147	0.909129572			
32	1024	7	18	1.87792658	0.90914066			
64	1024	8	19	1.877930787	0.909143892			
128	1024	9	20	1.877935268	0.909147334			
256	1024	10	21	1.877940039	0.909150999			
1024	1024	12	23	1.877950528	0.909159058			
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4096	1024	14	25	1.877962421	0.909168194			
32	1024	6	17	1.877983392	0.909184305			
64	1024	7	18	1.877991284	0.909190368			
128	1024	8	19	1.877999687	0.909196823			
256	1024	9	20	1.878008634	0.909203696			
512	1024	10	21	1.878018159	0.909211012			
2048	1024	12	23	1.878039093	0.909227095			
4096	1024	13	24	1.878050585	0.909235922			
32	1024	5	16	1.87809	0.9092662			
64	1024	6	17	1.87810479	0.909277562			
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256	1024	8	19	1.878137291	0.909302527			
512	1024	9	20	1.878155126	0.909316227			
1024	1024	10	21	1.878174106	0.909330807			
4096	1024	12	23	1.878215799	0.909362832			

32	1024	4	15	1.878289951	0.909419789			
64	1024	5	16	1.878317626	0.909441045			
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32	1024	3	14	1.87866469	0.909707593			
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128	1024	5	16	1.878771231	0.909789407			
256	1024	6	17	1.87882958	0.909834213			
512	1024	7	18	1.878891586	0.909881824			
1024	1024	8	19	1.878957462	0.909932406			
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4096	1024	10	21	1.879101742	0.910043182			
2048	128	4	13	1.879184452	0.910106682			
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32	1024	2	13	1.879366202	0.910246209			
64	1024	3	14	1.879462112	0.910319833			
128	1024	4	15	1.879563915	0.910397975			
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256	1024	5	16	1.879671938	0.910480888			
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1024	1024	7	18	1.879908018	0.910662074			
2048	1024	8	19	1.880036793	0.910760896			
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32	1024	1	12	1.880677276	0.911252304			
128	64	3	10	1.880759727	0.911315552			
64	1024	2	13	1.880853935	0.911387815			
1024	32	7	13	1.880989237	0.911491594			
128	1024	3	14	1.881040941	0.91153125			
256	1024	4	15	1.881238788	0.911682984			
512	1024	5	16	1.881447976	0.911843398			
1024	1024	6	17	1.881669012	0.912012879			
2048	1024	7	18	1.881902403	0.912191811			

4096	1024	8	19	1.882148657	0.91238058			
512	256	4	13	1.882410884	0.912581567			
1024	512	1	12	1.883087926	0.913100365			
128	16	1	8	1.883114494	0.913120719			
4096	512	7	17	1.883124143	0.913128112			
64	1024	1	12	1.883443116	0.913372461			
2048	256	3	13	1.883674348	0.913549571			
128	1024	2	13	1.883781044	0.913631287			
1024	256	5	14	1.884066321	0.91384975			
256	1024	3	14	1.884136705	0.913903645			
256	64	4	11	1.884197496	0.913950192			
512	1024	4	15	1.884510642	0.914189942			
64	4	5	8	1.884515132	0.91419338			
4096	128	5	14	1.884808586	0.914418016			
1024	1024	5	16	1.884903364	0.91449056			
2048	1024	6	17	1.885315335	0.914805846			
4096	1024	7	18	1.885746971	0.915136109			
512	32	1	10	1.88698616	0.916083842			
4096	256	7	16	1.887446983	0.916436121			
512	64	5	12	1.887554898	0.916518605			
1024	32	1	11	1.887671936	0.916608057			
64	2048	13	25	1.887749897	0.916667638			
128	2048	13	25	1.887751168	0.91666861			
64	2048	11	23	1.887753157	0.91667013			
256	2048	13	25	1.887753711	0.916670554			
128	2048	11	23	1.887757687	0.916673592			
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256	2048	11	23	1.887766748	0.916680517			
1024	2048	13	25	1.887768966	0.916682212			
512	2048	11	23	1.887784865	0.916694362			
2048	2048	13	25	1.887789299	0.916697751			
64	2048	7	19	1.887806148	0.916710627			
1024	2048	11	23	1.887821081	0.916722039			
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128	2048	7	19	1.887863627	0.916754553			
2048	2048	11	23	1.887893445	0.91677734			

64	2048	5	17	1.887953457	0.916823199			
256	2048	7	19	1.887978453	0.9168423			
2048	512	2	13	1.888009679	0.916866161			
4096	2048	11	23	1.888037899	0.916887725			
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128	1024	1	12	1.888833263	0.917495353			
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1024	64	6	13	1.890820782	0.919012626			
1024	2048	5	17	1.890971373	0.919127523			
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64	512	8	17	2.000108436	1.000078218			
32	512	7	16	2.000108442	1.000078222			
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512	16	17	21	2.000121933	1.000087953			
4096	256	15	23	2.000121933	1.000087953			
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128	16	15	19	2.000121948	1.000087964			
1024	256	13	21	2.000121948	1.000087964			
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16	4	15	17	2.000121955	1.000087969			
4	2	15	16	2.000121959	1.000087972			
32	16	13	17	2.000121962	1.000087975			
256	256	11	19	2.000121962	1.000087975			
2	2	14	15	2.000121966	1.000087977			

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64	256	9	17	2.000121977	1.000087985			
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2	16	9	13	2.000121992	1.000087996			
16	256	7	15	2.000121992	1.000087996			
4096	128	16	23	2.000139324	1.000100498			
2048	128	15	22	2.000139334	1.000100505			
512	128	13	20	2.000139353	1.000100519			
256	128	12	19	2.000139363	1.000100526			
128	128	11	18	2.000139373	1.000100533			
64	128	10	17	2.000139383	1.00010054			
32	128	9	16	2.000139392	1.000100547			
16	128	8	15	2.000139402	1.000100554			
4	128	6	13	2.000139421	1.000100568			
256	8	17	20	2.000162523	1.00011723			
128	8	16	19	2.000162536	1.00011724			
256	64	13	19	2.000162556	1.000117254			
32	8	14	17	2.000162562	1.000117259			
16	8	13	16	2.000162575	1.000117269			
64	64	11	17	2.000162582	1.000117273			
512	4096	7	19	2.000162595	1.000117283			
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2	8	10	13	2.000162615	1.000117297			
128	4096	5	17	2.000162622	1.000117302			
4	64	7	13	2.000162635	1.000117311			
2048	2048	10	21	2.000177321	1.000127904			
1024	2048	9	20	2.000177337	1.000127916			
512	2048	8	19	2.000177352	1.000127927			
256	2048	7	18	2.000177368	1.000127938			
128	2048	6	17	2.000177384	1.00012795			
64	2048	5	16	2.000177399	1.000127961			
1024	32	16	21	2.00019497	1.000140634			
256	32	14	19	2.000195008	1.000140662			
2048	1024	11	21	2.000195018	1.000140669			

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32	32	11	16	2.000195065	1.000140703			
128	1024	7	17	2.000195094	1.000140723			
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4	32	8	13	2.000195122	1.000140744			
2	32	7	12	2.000195141	1.000140758			
1	32	6	11	2.00019516	1.000140771			
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128	512	8	17	2.000216732	1.000156331			
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16	512	5	14	2.000216802	1.000156381			
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32	2	17	18	2.000243636	1.000175735			
256	16	15	19	2.00024365	1.000175746			
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32	4	15	17	2.00024368	1.000175767			
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512	256	11	19	2.00024371	1.000175789			
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2	4	11	13	2.000243799	1.000175853			
4	16	9	13	2.000243828	1.000175874			
32	256	7	15	2.000243828	1.000175874			
1	16	7	11	2.000243888	1.000175917			
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4096	128	15	22	2.00027832	1.000200751			
1024	128	13	20	2.000278397	1.000200807			
512	128	12	19	2.000278436	1.000200835			
256	128	11	18	2.000278475	1.000200863			
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32	128	8	15	2.000278591	1.000200947			
8	128	6	13	2.000278668	1.000201003			
4	128	5	12	2.000278707	1.000201031			
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512	64	13	19	2.000324703	1.000234205			
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128	64	11	17	2.000324808	1.00023428			
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4	8	10	13	2.00032494	1.000234375			
256	4096	5	17	2.000324966	1.000234394			
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2	64	5	11	2.000325124	1.000234508			
4096	2048	10	21	2.000354172	1.000255458			
2048	2048	9	20	2.000354234	1.000255503			
1024	2048	8	19	2.000354297	1.000255548			
512	2048	7	18	2.000354359	1.000255594			
256	2048	6	17	2.000354422	1.000255639			
128	2048	5	16	2.000354485	1.000255684			
64	2048	4	15	2.000354548	1.000255729			
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4096	1024	11	21	2.000389448	1.0002809			
256	32	13	18	2.000389486	1.000280927			
128	32	12	17	2.000389561	1.000280982			
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8	32	8	13	2.000389864	1.0002812			
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2048	512	11	20	2.000432622	1.000312037			
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256	512	8	17	2.000432902	1.000312239			
128	512	7	16	2.000432995	1.000312306			
32	512	5	14	2.000433183	1.000312441			
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64	2	17	18	2.000486267	1.000350725			
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16	2	15	16	2.000486503	1.000350895			
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16	4	13	15	2.00048668	1.000351023			
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32	16	11	15	2.000486798	1.000351108			
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2	16	7	11	2.000487271	1.000351449			
16	256	5	13	2.000487271	1.000351449			
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4096	2048	9	20	2.000706723	1.000509703			
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128	32	11	16	2.000777313	1.000560604			
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32	1024	3	13	2.000778971	1.0005618			
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4096	128	13	20	2.00110624	1.000797763			
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4096	2048	8	19	2.001407519	1.001014953			
2048	2048	7	18	2.001408502	1.001015662			
1024	2048	6	17	2.001409486	1.001016371			
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32	128	5	12	2.002212481	1.001595086			
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1	16	3	7	2.003872387	1.002790636			
4096	128	11	18	2.004331072	1.00312083			
2048	128	10	17	2.004340194	1.003127396			
1024	128	9	16	2.004349374	1.003134004			
512	128	8	15	2.004358611	1.003140652			
128	128	6	13	2.004377262	1.003154077			
64	128	5	12	2.004386678	1.003160854			
32	128	4	11	2.004396153	1.003167674			
16	128	3	10	2.004405691	1.003174539			
8	128	2	9	2.00441529	1.003181448			
4	128	1	8	2.004424952	1.003188402			
2048	64	11	17	2.005034482	1.003627048			
128	8	11	14	2.00505298	1.003640358			
64	8	10	13	2.005065401	1.003649295			
4096	4096	5	17	2.005071467	1.00365366			
128	64	7	13	2.005084168	1.003662798			
16	8	8	11	2.005090518	1.003667367			
8	8	7	10	2.005103216	1.003676504			
32	64	5	11	2.005109564	1.003681071			
256	4096	1	13	2.005122256	1.003690203			
2	8	5	8	2.005128897	1.003694982			

1	8	4	7	2.005141884	1.003704325			
2	64	1	7	2.00516151	1.003718446			
4096	2048	6	17	2.005512169	1.00397072			
2048	2048	5	16	2.005526952	1.003981355			
1024	2048	4	15	2.005541854	1.003992074			
512	2048	3	14	2.005556876	1.004002881			
256	2048	2	13	2.00557202	1.004013774			
128	2048	1	12	2.005587287	1.004024757			
1024	32	11	16	2.006010817	1.004329386			
4096	1024	7	17	2.006036862	1.004348116			
256	32	9	14	2.00604584	1.004354573			
128	32	8	13	2.006063579	1.004367331			
64	32	7	12	2.006081474	1.0043802			
32	32	6	11	2.006099527	1.004393183			
256	1024	3	13	2.00610844	1.004399593			
8	32	4	9	2.006136116	1.004419496			
64	1024	1	11	2.006145188	1.00442602			
4	32	3	8	2.006154657	1.004432829			
2	32	2	7	2.006173366	1.004446284			
1	32	1	6	2.006192246	1.004459861			
4096	512	8	17	2.006672128	1.004804913			
2048	512	7	16	2.006693597	1.004820348			
512	512	5	14	2.006737157	1.004851664			
256	512	4	13	2.006759254	1.004867551			
64	512	2	11	2.006804103	1.004899793			
32	512	1	10	2.006826862	1.004916155			
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4096	256	9	17	2.007457113	1.005369167			
512	16	11	15	2.007457311	1.005369309			
32	2	12	13	2.007470669	1.005378909			
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16	2	11	12	2.007497473	1.005398172			
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128	16	9	13	2.007510919	1.005407834			
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16	4	9	11	2.007538205	1.005427444			

4	2	9	10	2.007551946	1.005437318			
256	256	5	13	2.007565474	1.00544704			
32	16	7	11	2.007565683	1.00544719			
2	2	8	9	2.007579626	1.00545721			
4	4	7	9	2.007593566	1.005467227			
1	2	7	8	2.007607609	1.005477319			
64	256	3	11	2.007621433	1.005487254			
8	16	5	9	2.007621649	1.005487408			
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16	256	1	9	2.007678641	1.005528363			
2	16	3	7	2.007678863	1.005528522			
4096	128	10	17	2.008451964	1.006083957			
2048	128	9	16	2.008485956	1.006108373			
1024	128	8	15	2.008520354	1.006133081			
256	128	6	13	2.008590403	1.006183396			
128	128	5	12	2.008626072	1.006209016			
64	128	4	11	2.008662184	1.006234953			
32	128	3	10	2.008698748	1.006261214			
16	128	2	9	2.008735774	1.006287807			
8	128	1	8	2.008773273	1.006314738			
256	8	11	14	2.009821875	1.007067645			
128	8	10	13	2.009867637	1.007100494			
256	64	7	13	2.009937211	1.007150433			
32	8	8	11	2.009961078	1.007167564			
16	8	7	10	2.010008788	1.007201809			
64	64	5	11	2.010032625	1.007218918			
512	4096	1	13	2.010080249	1.0072531			
4	8	5	8	2.010106271	1.007271777			
2	8	4	7	2.01015608	1.007307525			
4096	128	1	12	2.010179817	1.007324561			
4	64	1	7	2.010231886	1.00736193			
4096	2048	5	16	2.010768	1.007746634			
2048	2048	4	15	2.01082328	1.007786297			
1024	2048	3	14	2.010879406	1.007826565			
512	2048	2	13	2.0109364	1.007867454			
256	2048	1	12	2.010994286	1.007908982			

2048	64	1	11	2.011112836	1.007994028			
512	32	9	14	2.011721386	1.008430513			
256	32	8	13	2.011786275	1.008477046			
128	32	7	12	2.011852231	1.008524344			
64	32	6	11	2.011919285	1.008572428			
512	1024	3	13	2.011951965	1.008595862			
16	32	4	9	2.012056822	1.008671049			
128	1024	1	11	2.012090617	1.00869528			
8	32	3	8	2.012127374	1.008721635			
4	32	2	7	2.012199164	1.008773108			
1024	32	1	10	2.012234144	1.008798187			
2	32	1	6	2.012272232	1.008825494			
4096	512	7	16	2.012936213	1.009301456			
1024	512	5	14	2.013094769	1.00941509			
512	512	4	13	2.013176216	1.009473459			
128	512	2	11	2.01334369	1.00959347			
64	512	1	10	2.013429819	1.009655186			
512	16	1	9	2.013607136	1.009782234			
64	2	12	13	2.014341141	1.010308033			
128	4	11	13	2.014388484	1.010341941			
32	2	11	12	2.014436459	1.010376299			
2048	256	7	15	2.014482976	1.010409614			
256	16	9	13	2.014484378	1.010410618			
16	2	10	11	2.014533651	1.010445904			
32	4	9	11	2.01458288	1.010481159			
8	2	9	10	2.014632783	1.010516895			
512	256	5	13	2.014681156	1.010551535			
64	16	7	11	2.014682635	1.010552595			
4	2	8	9	2.014733923	1.010589321			
8	4	7	9	2.014785174	1.01062602			
2	2	7	8	2.014837145	1.010663234			
128	256	3	11	2.01488751	1.010699296			
16	16	5	9	2.014889073	1.010700415			
1	2	6	7	2.014942526	1.010738688			
2	4	5	7	2.01499595	1.010776939			
32	256	1	9	2.015102652	1.010853333			

4	16	3	7	2.015104305	1.010854517			
256	8	1	8	2.015327263	1.011014133			
1	16	1	5	2.015329017	1.011015388			
4096	128	9	16	2.016206704	1.011643553			
2048	128	8	15	2.016327259	1.011729814			
512	128	6	13	2.016576415	1.011908075			
256	128	5	12	2.01670523	1.012000229			
128	128	4	11	2.016837022	1.012094506			
64	128	3	10	2.016971914	1.012190995			
32	128	2	9	2.017110038	1.012289788			
16	128	1	8	2.017251532	1.012390985			
128	4	1	7	2.017545233	1.012601019			
256	8	10	13	2.018795757	1.01349496			
512	64	7	13	2.019037713	1.013667859			
64	8	8	11	2.019122781	1.013728642			
32	8	7	10	2.019292625	1.013849993			
128	64	5	11	2.019377323	1.013910505			
1024	4096	1	13	2.019546073	1.01403106			
8	8	5	8	2.019645968	1.014102419			
4	8	4	7	2.019829906	1.014233806			
4096	256	1	12	2.019913268	1.014293347			
8	64	1	7	2.020113387	1.014436273			
1	8	2	5	2.020213535	1.014507793			
64	2	1	6	2.020513751	1.01472217			
4096	2048	4	15	2.020704367	1.014858268			
2048	2048	3	14	2.020902121	1.014999449			
1024	2048	2	13	2.021105477	1.015144615			
512	2048	1	12	2.021314721	1.015293969			
2048	128	1	11	2.021752121	1.015606125			
2048	64	2	11	2.021980963	1.015769414			
1024	32	9	14	2.02214529	1.015886658			
512	32	8	13	2.022366018	1.016044127			
256	32	7	12	2.022593225	1.016206201			
128	32	6	11	2.022827254	1.016373121			
1024	1024	3	13	2.02293835	1.016452353			
32	32	4	9	2.02331727	1.016722562			

256	1024	1	11	2.023435305	1.016806723			
16	32	3	8	2.023574083	1.016905667			
8	32	2	7	2.023839374	1.017094792			
1024	64	1	10	2.023965155	1.017184452			
4	32	1	6	2.024113649	1.017290296			
32	1	1	5	2.024691404	1.017702034			
2048	512	5	14	2.024844062	1.017810807			
1024	512	4	13	2.025124533	1.018010628			
256	512	2	11	2.025714155	1.018430612			
128	512	1	10	2.026024482	1.018651608			
512	32	1	9	2.026679523	1.019117975			
64	2	11	12	2.026968835	1.019323907			
512	16	2	9	2.027025776	1.019364434			
4096	256	7	15	2.027116399	1.019428932			
512	16	9	13	2.027125022	1.019435069			
32	2	10	11	2.027289317	1.019551992			
64	4	9	11	2.027453141	1.019668571			
16	2	9	10	2.027620975	1.019787993			
1024	256	5	13	2.027778783	1.019900272			
128	16	7	11	2.027788249	1.019907008			
8	2	8	9	2.027964508	1.020032404			
16	4	7	9	2.028140342	1.020157486			
4	2	7	8	2.028320679	1.020285762			
256	256	3	11	2.02849005	1.020406226			
32	16	5	9	2.028500494	1.020413654			
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1	2	5	6	2.029074361	1.020821738			
64	256	1	9	2.029256878	1.020951503			
8	16	3	7	2.029268464	1.020959741			
1	4	3	5	2.029678884	1.021251496			
256	16	1	8	2.030087358	1.02154181			
2	16	1	5	2.030100292	1.021551002			
4096	128	8	15	2.030262327	1.021666148			
1024	128	6	13	2.03107253	1.022241759			
512	128	5	12	2.031501591	1.022546494			

256	128	4	11	2.031948133	1.022863577			
128	128	3	10	2.03241344	1.023193909			
64	128	2	9	2.032898933	1.023538492			
32	128	1	8	2.033406199	1.023898441			
128	8	1	7	2.034493357	1.02466957			
128	4	2	7	2.035077487	1.025083727			
1024	64	7	13	2.03527456	1.025223428			
128	8	8	11	2.035552702	1.025420575			
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256	64	5	11	2.0363803	1.026007014			
2048	4096	1	13	2.036921953	1.026390703			
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8	8	4	7	2.037926684	1.02710215			
4096	512	1	12	2.038185773	1.027285554			
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2	8	2	5	2.039298975	1.0280733			
2048	2048	2	13	2.039555432	1.028254718			
1	8	1	4	2.040041813	1.028598722			
1024	2048	1	12	2.040252423	1.028747655			
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256	32	6	11	2.042276885	1.030178475			
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2048	1024	3	13	2.042609719	1.030413575			
2048	64	3	11	2.043442062	1.031001339			
64	32	4	9	2.043875212	1.031307116			
512	1024	1	11	2.044243384	1.031566972			
32	32	3	8	2.044741948	1.031918783			
4096	512	5	14	2.045331245	1.032334509			
16	32	2	7	2.045659903	1.032566313			
1024	128	1	10	2.046070622	1.032855942			
2048	512	4	13	2.046198752	1.032946284			
8	32	1	6	2.046634609	1.033253557			

512	512	2	11	2.048084341	1.034275127			
1024	32	3	10	2.04813536	1.034311065			
32	2	1	5	2.048781175	1.034765902			
64	2	10	11	2.049051404	1.034956177			
256	512	1	10	2.049112981	1.034999532			
128	4	9	11	2.049534498	1.035296274			
32	1	2	5	2.049969564	1.03560249			
32	2	9	10	2.050037323	1.035650176			
2048	256	5	13	2.050483399	1.035964064			
256	16	7	11	2.050535252	1.036000546			
16	2	8	9	2.051080814	1.036384336			
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32	4	7	9	2.05162248	1.036765284			
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512	32	2	9	2.052625009	1.037470087			
512	256	3	11	2.052687336	1.037513894			
64	16	5	9	2.052748356	1.03755678			
4	2	6	7	2.053365696	1.037990588			
8	4	5	7	2.053979398	1.038421711			
2	2	5	6	2.054622303	1.03887321			
128	256	1	9	2.055187322	1.039269896			
16	16	3	7	2.055260231	1.039321076			
2048	128	6	13	2.055699374	1.0396293			
1	2	4	5	2.055967397	1.039817387			
2	4	3	5	2.056671578	1.040311434			
1024	128	5	12	2.056965402	1.040517528			
256	32	1	8	2.058059967	1.041285019			
4	16	1	5	2.058148725	1.041347237			
512	128	4	11	2.058315174	1.041463908			
256	128	3	10	2.059758711	1.042475344			
128	128	2	9	2.061307853	1.043559985			
256	8	3	8	2.061414373	1.043634536			
16	1	1	4	2.061524992	1.043711951			
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64	128	1	8	2.062976729	1.044727547			
256	8	8	11	2.06301318	1.044753038			

128	8	7	10	2.064599112	1.045861678			
512	64	5	11	2.065373195	1.046402487			
128	16	1	7	2.066745547	1.047360778			
4096	4096	1	13	2.066863905	1.047443396			
32	8	5	8	2.068134046	1.048329697			
128	8	2	7	2.068891944	1.048858297			
16	8	4	7	2.070116873	1.04971222			
4096	1024	1	12	2.070754198	1.050156313			
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128	4	3	7	2.071253805	1.050504348			
1024	32	7	12	2.072491204	1.051365979			
2048	2048	1	12	2.072873939	1.051632382			
32	64	1	7	2.073327252	1.051947848			
512	32	6	11	2.074525995	1.052781735			
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4096	1024	3	13	2.075351243	1.053355526			
2	8	1	4	2.077216069	1.054651291			
2048	512	1	11	2.077519556	1.054862057			
64	8	1	6	2.078488199	1.055534557			
128	32	4	9	2.079114503	1.055969214			
1024	1024	1	11	2.080071433	1.056633074			
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64	32	3	8	2.081722161	1.057777531			
2048	128	3	11	2.083109306	1.058738543			
32	32	2	7	2.084585551	1.059760581			
64	2	9	10	2.085690288	1.060524943			
1024	256	1	10	2.08571596	1.0605427			
1024	512	2	11	2.085841297	1.060629393			
2048	64	4	11	2.086371623	1.060996152			
4096	256	5	13	2.086727068	1.061241917			
512	16	7	11	2.086957611	1.061401297			
16	32	1	6	2.087751242	1.061949823			
32	2	8	9	2.088428626	1.062417839			
512	512	1	10	2.088847026	1.062706842			
64	4	7	9	2.089873258	1.063415451			

16	2	7	8	2.091418383	1.064481698			
1024	256	3	11	2.092632992	1.065319312			
1024	64	3	10	2.092647506	1.065329318			
128	16	5	9	2.092927304	1.065522202			
4096	128	6	13	2.094064895	1.066306152			
8	2	6	7	2.094701546	1.066744703			
32	4	1	5	2.095247808	1.067120884			
512	128	1	9	2.095851376	1.067536414			
16	4	5	7	2.096447794	1.067946904			
2048	128	5	12	2.097265328	1.06850939			
4	2	5	6	2.098330918	1.069242216			
32	2	2	5	2.099763452	1.070226811			
256	256	1	9	2.099783883	1.070240848			
512	64	2	9	2.099987227	1.070380553			
32	16	3	7	2.100172694	1.070507964			
1024	128	4	11	2.100775931	1.070922292			
2	2	4	5	2.102374082	1.072019395			
4	4	3	5	2.104548495	1.073510754			
512	128	3	10	2.104651191	1.073581152			
32	1	3	5	2.104973777	1.073802261			
1	2	3	4	2.10691934	1.075135084			
256	64	1	8	2.108706589	1.076358368			
256	8	7	10	2.108936528	1.076515676			
256	128	2	9	2.108960341	1.076531965			
8	16	1	5	2.109244654	1.076726445			
512	16	4	9	2.110055482	1.077280934			
1024	64	5	11	2.110771087	1.077770127			
128	128	1	8	2.113793043	1.079834132			
1	4	1	3	2.114907541	1.080594594			
64	8	5	8	2.118023462	1.082718571			
256	16	3	8	2.120320766	1.084282535			
16	2	1	4	2.121116926	1.084824151			
32	8	4	7	2.123401261	1.086377024			
1024	32	6	11	2.123427944	1.086395153			
4096	2048	1	12	2.124338336	1.087013557			
128	32	1	7	2.125546902	1.087834094			

128	4096	14	25	2.130082332	1.090909194			
256	4096	14	25	2.130082485	1.090909298			
128	4096	13	24	2.130082504	1.090909311			
512	4096	14	25	2.13008279	1.090909505			
256	4096	13	24	2.13008283	1.090909532			
128	4096	12	23	2.130082872	1.090909561			
1024	4096	14	25	2.130083402	1.090909919			
512	4096	13	24	2.130083481	1.090909973			
256	4096	12	23	2.130083566	1.09091003			
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1024	4096	13	24	2.130084784	1.090910855			
512	4096	12	23	2.130084953	1.09091097			
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512	4096	8	19	2.130139273	1.09094776			
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128	4096	5	16	2.130220087	1.091002493			
4096	4096	9	20	2.130296382	1.091054162			
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1024	4096	7	18	2.130325161	1.091073652			
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2048	4096	7	18	2.130567481	1.091237746			
1024	4096	6	17	2.130599079	1.091259142			
512	4096	5	16	2.130632745	1.091281939			
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128	4096	3	14	2.130706842	1.09133211			
4096	4096	7	18	2.131050147	1.091564542			
2048	4096	6	17	2.131113237	1.091607253			
1024	4096	5	16	2.131180483	1.091652776			
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256	4096	3	14	2.13132859	1.091753033			
128	4096	2	13	2.131410079	1.091808192			
4096	4096	6	17	2.13213346	1.092297746			
2048	4096	5	16	2.132267605	1.092388511			
64	64	1	7	2.132381719	1.092465719			
1024	4096	4	15	2.132410727	1.092485344			
512	4096	3	14	2.132563465	1.092588677			
256	4096	2	13	2.132726511	1.092698974			
128	16	2	7	2.132856738	1.092787064			
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2048	4096	4	15	2.134694544	1.094029647			
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4096	4096	4	15	2.139135376	1.097027787			
2048	4096	3	14	2.139743087	1.097437587			
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128	2048	9	19	2.143560946	1.100009437			
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64	2048	7	17	2.143579134	1.100021678			
2048	2048	11	21	2.143595736	1.100032851			
512	2048	9	19	2.143602994	1.100037736			
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256	2048	7	17	2.143675694	1.100086664			
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4096	2048	9	19	2.143994373	1.100301119			
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64	2048	3	13	2.14422543	1.100456589			
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128	2048	3	13	2.144900732	1.10091088			
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64	2048	1	11	2.146647156	1.102085075			
128	4	7	9	2.146851291	1.102222262			
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2048	256	3	11	2.152759007	1.106186825			
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4096	256	1	11	2.154688197	1.107479113			
4096	128	5	12	2.155320669	1.10790253			
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32	32	1	6	2.158236901	1.109853232			
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32	1024	16	25	2.160119511	1.111111133			
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32	1024	14	23	2.160119634	1.111111215			
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32	1024	11	20	2.160121048	1.1111112159			
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32	1024	8	17	2.160135298	1.111121677			
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32	1024	2	11	2.16171977	1.112179514			
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512	1024	5	14	2.162644402	1.112796466			
256	1024	4	13	2.16284768	1.112932066			
2048	128	4	11	2.163058173	1.113072466			
64	1024	2	11	2.163305989	1.113237742			
32	1024	1	10	2.163564118	1.113409876			
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4096	1024	7	16	2.164399915	1.113967089			
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512	1024	4	13	2.165522122	1.11471491			
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512	2048	1	11	2.167078317	1.115751293			
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4096	1024	5	14	2.178990636	1.123659996			
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128	512	17	25	2.181015585	1.125000079			
32	512	15	23	2.181015607	1.125000094			
256	512	17	25	2.181015704	1.125000158			
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16	512	13	21	2.181015803	1.125000223			
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256	512	11	19	2.181041123	1.125016972			
64	512	9	17	2.181045978	1.125020183			
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128	512	9	17	2.181076479	1.125040359			
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16	512	1	9	2.184890603	1.127561046			
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4096	512	7	15	2.189916807	1.130876064			
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128	8	5	8	2.191855242	1.13215252			
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32	256	16	23	2.208179151	1.142857223			
16	256	15	22	2.208179164	1.142857232			
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32	256	15	22	2.2081793	1.142857321			
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32	256	6	13	2.208518683	1.143079037			
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16	256	3	10	2.210001091	1.144047082			
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2	64	7	12	2.29743921	1.200026689			
64	64	11	16	2.297445525	1.200030654			
1024	64	14	19	2.29746111	1.200040441			
2048	4096	9	19	2.297461115	1.200040444			
16	64	9	14	2.297461119	1.200040446			
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2	64	6	11	2.297494333	1.200061303			
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32	64	9	14	2.297525489	1.200080867			
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16	64	8	13	2.297544634	1.200092889			
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32	64	8	13	2.297692368	1.200185652			
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32	64	4	9	2.305471734	1.205061978			
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256	8	3	7	2.313858977	1.210300939			
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64	2048	16	25	2.33305809	1.222222229			
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64	2048	14	23	2.333058136	1.222222258			
512	2048	16	25	2.333058163	1.222222274			
128	2048	14	23	2.333058194	1.222222293			
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256	2048	14	23	2.333058308	1.222222364			
128	2048	13	22	2.333058346	1.222222387			
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512	2048	14	23	2.333058537	1.222222505			
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1024	2048	13	22	2.333060215	1.222223543			
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128	2048	10	19	2.33306147	1.222224319			
4096	2048	14	23	2.333061741	1.222224487			
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512	2048	8	17	2.333131879	1.222267857			
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128	2048	4	13	2.333603897	1.222559701			
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128	2048	2	11	2.336012092	1.224047742			
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1024	2048	4	13	2.337368629	1.224885281			
32	64	2	7	2.337968161	1.225255283			
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4096	128	5	11	2.379813639	1.250848602			
128	128	1	7	2.380076574	1.25100799			
256	32	9	13	2.380350735	1.251174164			
512	1024	5	13	2.380353865	1.251176062			
8	32	5	9	2.380357016	1.251177971			
4096	1024	7	15	2.381143297	1.251654444			
64	32	7	11	2.38114951	1.251658209			
128	1024	3	11	2.381155751	1.25166199			
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128	4	5	7	2.381425414	1.251825364			
512	32	9	13	2.382254853	1.252327761			
1024	1024	5	13	2.382267079	1.252335164			
16	32	5	9	2.382279461	1.252342663			
32	1024	1	9	2.382291922	1.25235021			
1024	256	2	9	2.382958019	1.252753536			
1024	2048	1	10	2.382960625	1.252755113			

4	4	1	3	2.382975768	1.252764281			
128	32	7	11	2.383832658	1.253282964			
256	1024	3	11	2.383856957	1.25329767			
4	32	3	7	2.383881697	1.253312642			
256	32	2	7	2.384179764	1.253493017			
1024	32	9	13	2.385970758	1.254576361			
2048	1024	5	13	2.38601743	1.254604582			
32	32	5	9	2.386065277	1.254633512			
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1	32	1	5	2.386163405	1.254692842			
32	64	1	6	2.38648184	1.254885358			
32	8	2	5	2.387718223	1.255632593			
256	32	7	11	2.389051413	1.256437901			
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4096	1024	5	13	2.393234142	1.25896155			
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128	1024	1	9	2.393596556	1.259180005			
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1024	1024	3	11	2.399287105	1.262605805			
16	32	3	7	2.399644064	1.262820428			
1024	32	1	8	2.400012883	1.26304215			
32	2	5	6	2.401022545	1.26364895			
2048	256	1	9	2.402126013	1.264311835			
128	32	5	9	2.407303012	1.267417748			
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256	1024	1	9	2.407963413	1.267813472			
4096	1024	1	10	2.408263663	1.267993351			
4	32	1	5	2.408688504	1.268247834			
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1	2	1	2	2.414213562	1.271553303	meruthree-p.24		
2048	128	2	9	2.415035308	1.272044281			
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64	8	1	5	2.422199288	1.276317568			
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256	512	15	22	2.438027581	1.285714447			
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64	512	8	15	2.43806218	1.285734921			
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1024	128	1	8	2.459460819	1.298342072			
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32	2	1	4	2.465163849	1.30168354			
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256	128	1	7	2.477632669	1.308962311			
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256	512	1	8	2.502307268	1.323258954			
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32	16	22	25	2.519842102	1.333333335			
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64	256	11	17	2.519846137	1.333335645			
1	16	10	13	2.519847186	1.333336245			
16	16	13	16	2.519847186	1.333336245			
256	16	16	19	2.519847186	1.333336245			
512	256	13	19	2.519847186	1.333336245			
128	4096	8	17	2.519847482	1.333336415			
2048	4096	11	20	2.519847482	1.333336415			
1024	4096	10	19	2.519848881	1.333337216			
4	16	11	14	2.519850173	1.333337956			
64	16	14	17	2.519850173	1.333337956			
128	256	11	17	2.519850173	1.333337956			
2	16	10	13	2.519852272	1.333339157			
32	16	13	16	2.519852272	1.333339157			
512	16	16	19	2.519852272	1.333339157			
1024	256	13	19	2.519852272	1.333339157			
256	4096	8	17	2.519852864	1.333339496			
4096	4096	11	20	2.519852864	1.333339496			
128	4096	7	16	2.519855662	1.333341098			
2048	4096	10	19	2.519855662	1.333341098			
8	16	11	14	2.519858246	1.333342578			
128	16	14	17	2.519858246	1.333342578			
256	256	11	17	2.519858246	1.333342578			
2048	256	13	19	2.519862442	1.33334498			
4	16	10	13	2.519862443	1.33334498			
64	16	13	16	2.519862443	1.33334498			
8	256	7	13	2.519862443	1.333344981			
512	4096	8	17	2.519863628	1.333345659			
4096	4096	10	19	2.519869222	1.333348862			
256	4096	7	16	2.519869223	1.333348862			
256	16	14	17	2.519874389	1.33335182			
512	256	11	17	2.51987439	1.33335182			
16	16	11	14	2.519874391	1.333351821			
1	16	8	11	2.519874392	1.333351821			
4096	256	13	19	2.51988278	1.333356624			

128	16	13	16	2.519882781	1.333356624			
8	16	10	13	2.519882783	1.333356625			
16	256	7	13	2.519882784	1.333356626			
1024	4096	8	17	2.519885152	1.333357982			
512	4096	7	16	2.51989634	1.333364388			
512	16	14	17	2.519906666	1.333370299			
1024	256	11	17	2.519906669	1.333370301			
32	16	11	14	2.519906671	1.333370302			
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256	16	13	16	2.519923443	1.333379904			
16	16	10	13	2.519923451	1.333379909			
32	256	7	13	2.519923455	1.333379911			
1	16	7	10	2.519923459	1.333379913			
2048	4096	8	17	2.519928187	1.33338262			
128	4096	5	14	2.519928195	1.333382625			
1024	4096	7	16	2.519950555	1.333395426			
2048	256	11	17	2.519971194	1.333407242			
64	16	11	14	2.519971203	1.333407248			
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8	256	5	11	2.519971233	1.333407265			
512	16	13	16	2.520004713	1.333426432			
32	16	10	13	2.520004745	1.33342645			
64	256	7	13	2.52000476	1.333426459			
2	16	7	10	2.520004776	1.333426468			
4096	4096	8	17	2.520014203	1.333431865			
256	4096	5	14	2.520014238	1.333431885			
2048	4096	7	16	2.520058908	1.333457458			
128	4096	4	13	2.520058964	1.33345749			
4096	256	11	17	2.520100109	1.333481045			
128	16	11	14	2.520100149	1.333481067			
8	16	8	11	2.520100228	1.333481113			
16	256	5	11	2.520100267	1.333481135			
64	16	10	13	2.520167159	1.333519429			
128	256	7	13	2.520167222	1.333519465			
4	16	7	10	2.520167285	1.333519501			
512	4096	5	14	2.520186165	1.333530309			

4096	4096	7	16	2.520275308	1.333581338			
256	4096	4	13	2.520275531	1.333581466			
256	16	11	14	2.520357565	1.333628425			
16	16	8	11	2.520357881	1.333628605			
32	256	5	11	2.520358039	1.333628696			
1	16	5	8	2.520358197	1.333628786			
128	16	10	13	2.520491299	1.333704974			
256	256	7	13	2.520491549	1.333705117			
8	16	7	10	2.5204918	1.333705261			
1024	4096	5	14	2.520529387	1.333726775			
512	4096	4	13	2.520707773	1.333828875			
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32	16	8	11	2.520871771	1.333922735			
64	256	5	11	2.5208724	1.333923095			
2	16	5	8	2.520873031	1.333923456			
256	16	10	13	2.521136846	1.334074429			
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16	16	7	10	2.521138835	1.334075567			
1	16	4	7	2.521140833	1.33407671			
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128	4096	2	11	2.521215553	1.334119468			
1024	4096	4	13	2.521568721	1.334321544			
64	16	8	11	2.521893942	1.334507604			
128	256	5	11	2.521896432	1.334509029			
4	16	5	8	2.521898934	1.33451046			
512	16	10	13	2.522417171	1.334806896			
1024	256	7	13	2.522421078	1.334809131			
32	16	7	10	2.522425009	1.334811379			
2	16	4	7	2.522432919	1.334815903			
4096	4096	5	14	2.522571275	1.334895033			
256	4096	2	11	2.522580095	1.334900077			
2048	4096	4	13	2.523276671	1.335298403			
128	4096	1	10	2.523290638	1.335306389			
128	16	8	11	2.523916282	1.335664057			
256	256	5	11	2.523926037	1.335669633			
8	16	5	8	2.523935886	1.335675263			

2048	256	7	13	2.524951142	1.336255472			
64	16	7	10	2.524966463	1.336264226			
4	16	4	7	2.524997472	1.336281944			
8	256	1	7	2.525013165	1.33629091			
512	4096	2	11	2.525282954	1.336445049			
4096	4096	4	13	2.526638344	1.337219176			
256	4096	1	10	2.526692742	1.337250237			
256	16	8	11	2.52787628	1.337925857			
512	256	5	11	2.527913744	1.337947238			
16	16	5	8	2.527951917	1.337969023			
1	16	2	5	2.528029714	1.338013421			
1024	256	1	8	2.528614499	1.338347107			
4096	256	7	13	2.529872725	1.339064806			
128	16	7	10	2.529930996	1.339098036			
8	16	4	7	2.530050256	1.339166042			
16	256	1	7	2.530111291	1.339200846			
1024	4096	2	11	2.530587191	1.339472183			
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512	4096	1	10	2.533362999	1.341053812			
1024	512	2	9	2.534298336	1.341586368			
64	16	1	5	2.534336609	1.341608155			
512	16	8	11	2.535481695	1.342259859			
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32	16	5	8	2.535764062	1.342420518			
512	64	1	7	2.535836721	1.342461855			
2	16	2	5	2.536062061	1.342590051			
256	16	7	10	2.539424005	1.3445013			
16	16	4	7	2.539866605	1.344752728			
32	256	1	7	2.540097846	1.344884072			
1	16	1	4	2.540340132	1.345021676			
1024	32	5	9	2.540739312	1.345248358			
2048	4096	2	11	2.540814904	1.34529128			
4096	128	1	9	2.541329643	1.345583524			
1024	4096	1	10	2.546201962	1.348346857			
32	4	1	4	2.548675106	1.349747476			
2048	256	5	11	2.550076811	1.350540703			

64	16	5	8	2.550590312	1.350831185			
4	16	2	5	2.551688448	1.351452192			
256	8	1	6	2.55227682	1.351784812			
512	512	1	8	2.555793825	1.353771459			
2048	1024	1	9	2.55658312	1.354216932			
512	16	7	10	2.556911758	1.354402372			
32	16	4	7	2.558455048	1.355272886			
64	256	1	7	2.559290039	1.355743654			
4096	4096	2	11	2.559920034	1.356098744			
2	16	1	4	2.560202028	1.356257659			
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4096	256	1	9	2.561768757	1.357140254			
2048	64	4	9	2.565977897	1.359508743			
2048	4096	1	10	2.570107914	1.361828937			
64	2	5	6	2.570398066	1.361991801			
4096	128	2	9	2.573046443	1.363477497			
4096	512	3	10	2.575535681	1.364872527			
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128	64	1	6	2.577081172	1.36573798			
128	16	5	8	2.577569127	1.366011119			
32	32	1	5	2.581297603	1.368096482			
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256	16	1	6	2.58349665	1.369325013			
64	16	4	7	2.592162142	1.374155963			
64	2048	17	25	2.59367911	1.375000001			
128	2048	17	25	2.593679111	1.375000001			
256	2048	17	25	2.593679113	1.375000002			
64	2048	15	23	2.593679116	1.375000003			
512	2048	17	25	2.593679117	1.375000004			
128	2048	15	23	2.593679122	1.375000007			
1024	2048	17	25	2.593679124	1.375000008			
256	2048	15	23	2.593679134	1.375000014			
2048	2048	17	25	2.593679139	1.375000017			
64	2048	13	21	2.593679151	1.375000023			
512	2048	15	23	2.593679159	1.375000028			

4096	2048	17	25	2.593679169	1.375000033			
128	2048	13	21	2.593679194	1.375000047			
1024	2048	15	23	2.59367921	1.375000056			
256	2048	13	21	2.593679278	1.375000094			
2048	2048	15	23	2.59367931	1.375000112			
64	2048	11	19	2.593679393	1.375000158			
512	2048	13	21	2.593679446	1.375000188			
4096	2048	15	23	2.59367951	1.375000223			
128	2048	11	19	2.593679676	1.375000315			
1024	2048	13	21	2.593679784	1.375000375			
256	2048	11	19	2.593680243	1.375000631			
2048	2048	13	21	2.593680458	1.37500075			
64	2048	9	17	2.593681017	1.375001061			
512	2048	11	19	2.593681378	1.375001262			
4096	2048	13	21	2.593681807	1.3750015			
128	2048	9	17	2.593682924	1.375002122			
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2048	2048	11	19	2.593688182	1.375005046			
64	2048	7	15	2.59369194	1.375007137			
512	2048	9	17	2.593694367	1.375008487			
4096	2048	11	19	2.593697253	1.375010092			
128	2048	7	15	2.593704769	1.375014273			
1024	2048	9	17	2.593709622	1.375016972			
256	2048	7	15	2.593730423	1.375028542			
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64	2048	5	13	2.593765402	1.375047998			
512	2048	7	15	2.593781715	1.375057072			
4096	2048	9	17	2.593801108	1.375067858			
128	2048	5	13	2.593851645	1.375095967			
1024	2048	7	15	2.593884236	1.375114094			
256	2048	5	13	2.594023986	1.37519182			
2048	2048	7	15	2.594089022	1.37522799			
64	2048	3	11	2.594258934	1.375322483			
4	2	2	3	2.594313016	1.375352558			
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4096	2048	7	15	2.594497581	1.375455191			
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128	256	1	7	2.594940926	1.375701696			
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256	2048	3	11	2.595988378	1.376283924			
64	8	2	5	2.596059885	1.376323663			
2048	2048	5	13	2.596416581	1.376521875			
64	2048	1	9	2.597559148	1.377156601			
4	16	1	4	2.598200293	1.377512651			
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4096	2048	5	13	2.599106038	1.378015494			
4096	512	1	9	2.59987397	1.37844169			
128	2048	1	9	2.601387792	1.379281479			
1024	2048	3	11	2.602760796	1.380042729			
2048	512	2	9	2.604892953	1.381224087			
256	2048	1	9	2.608896776	1.383439864			
256	32	3	7	2.609929655	1.384010923			
2048	2048	3	11	2.611451552	1.384851939			
1024	64	3	8	2.611601309	1.384934669			
4096	4096	1	10	2.612243756	1.385289525			
2048	64	1	8	2.619312416	1.389188146			
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4096	256	2	9	2.621931482	1.390629985			
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4096	2048	3	11	2.627799857	1.393855399			
16	16	2	5	2.635398856	1.398021324			
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32	128	18	23	2.639015825	1.400000002			
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128	128	19	24	2.639015827	1.400000003			
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128	128	18	23	2.639015835	1.400000007			
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256	128	18	23	2.639015849	1.400000015			
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128	128	16	21	2.639015917	1.400000052			
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4096	128	18	23	2.63901626	1.40000024			
16	128	12	17	2.6390164	1.400000316			
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64	128	13	18	2.639016698	1.400000479			
32	128	12	17	2.639016978	1.400000632			
4096	128	17	22	2.639016978	1.400000632			
256	128	14	19	2.63901715	1.400000726			
16	128	11	16	2.639017347	1.400000834			
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128	128	13	18	2.639017574	1.400000958			
64	128	12	17	2.639018134	1.400001264			
4	128	9	14	2.639018478	1.400001452			
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32	128	11	16	2.639018873	1.400001668			
4096	128	16	21	2.639018873	1.400001668			
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64	128	11	16	2.639021925	1.400003337			
4	128	8	13	2.639022832	1.400003833			
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256	128	12	17	2.639025072	1.400005057			
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4096	128	13	18	2.639071892	1.400030652			
32	128	8	13	2.639071898	1.400030656			
2048	128	12	17	2.639089802	1.400040443			
16	128	7	12	2.639089812	1.400040449			
128	128	9	14	2.639100806	1.400046459			
1024	128	11	16	2.639113431	1.40005336			
8	128	6	11	2.639113449	1.40005337			
64	128	8	13	2.639127951	1.400061298			
4096	128	12	17	2.639163725	1.400080853			
32	128	7	12	2.639163766	1.400080876			
256	128	9	14	2.639185731	1.400092883			
2048	128	11	16	2.639210946	1.400106667			
16	128	6	11	2.639211019	1.400106706			
128	128	8	13	2.639239986	1.400122541			
64	128	7	12	2.639311562	1.400161666			
512	128	9	14	2.639355399	1.400185628			
4	128	4	9	2.639355618	1.400185748			
4096	128	11	16	2.639405697	1.400213121			
32	128	6	11	2.639405985	1.400213278			
256	128	8	13	2.639463771	1.400244864			
128	128	7	12	2.639606707	1.400322988			
1024	128	9	14	2.639694019	1.400370709			
8	128	4	9	2.63969489	1.400371185			

64	128	6	11	2.639795228	1.400426022			
512	128	8	13	2.639910206	1.400488859			
4	128	3	8	2.63991172	1.400489686			
256	128	7	12	2.640195223	1.40064461			
2048	128	9	14	2.640368411	1.400739243			
16	128	4	9	2.64037187	1.400741133			
128	128	6	11	2.640570974	1.400849919			
1024	128	8	13	2.640798582	1.400974269			
8	128	3	8	2.640804591	1.400977552			
512	128	7	12	2.641365235	1.401283804			
4	128	2	7	2.641375675	1.401289506			
4096	128	9	14	2.64170597	1.401469899			
32	128	4	9	2.641719625	1.401477357			
256	128	6	11	2.642111644	1.40169143			
1024	512	1	8	2.642419678	1.401859619			
2048	128	8	13	2.642557674	1.401934959			
16	128	3	8	2.642581346	1.401947882			
256	32	1	6	2.642609663	1.401963342			
1024	128	7	12	2.643677775	1.402546344			
8	128	2	7	2.643718806	1.402568736			
2048	128	1	8	2.643734633	1.402577372			
64	128	4	9	2.644390722	1.402935358			
512	128	6	11	2.64515076	1.403349951			
4	128	1	6	2.6452219	1.403388751			
4096	128	8	13	2.646007669	1.403817243			
32	128	3	8	2.646099551	1.403867339			
2048	128	7	12	2.648197404	1.405010668			
16	128	2	7	2.648355999	1.405097066			
32	2	4	5	2.649435914	1.405685231		metaslendro	
8	4	1	3	2.649435914	1.405685231	***	metaslendro	
128	16	4	7	2.649435914	1.405685231			
128	128	4	9	2.649638385	1.405795478			
1024	2048	1	9	2.650319849	1.406166479			
1024	128	6	11	2.651068119	1.406573741			
8	128	1	6	2.651342024	1.40672279			
16	1	1	3	2.652010358	1.40708641			

64	128	3	8	2.652999706	1.407624516			
4096	128	7	12	2.656847283	1.409715303			
32	128	2	7	2.657441361	1.410037857			
256	256	1	7	2.657608651	1.410128674			
256	128	4	9	2.659778641	1.411306183			
2048	128	6	11	2.662316318	1.412681992			
16	128	1	6	2.663335172	1.413233998			
128	128	3	8	2.666291282	1.414834398			
4096	1024	1	9	2.667016617	1.415226814			
8	16	1	4	2.668314894	1.415928932	3+16 =19	p.26 prised	$((1+4G)/2)^{1/4}$
512	64	2	7	2.670414625	1.417063761			
32	1	3	4	2.673879892	1.418934663		p.23 prised	meantone-related
64	128	2	7	2.674908903	1.41948976			
512	128	4	9	2.678797192	1.421585361			
128	4	1	5	2.681837242	1.423221684			
4096	128	6	11	2.682832524	1.423756997			
32	128	1	6	2.686401353	1.425674862			
2048	256	1	8	2.689360112	1.427262948			
256	128	3	8	2.691085261	1.4281881			
32	1024	18	25	2.691800385	1.428571429			
32	1024	17	24	2.691800386	1.428571429			
64	1024	17	24	2.691800386	1.428571429			
64	1024	18	25	2.691800386	1.428571429			
128	1024	18	25	2.691800386	1.428571429			
32	1024	16	23	2.691800387	1.428571429			
256	1024	18	25	2.691800387	1.42857143			
64	1024	16	23	2.691800388	1.42857143			
128	1024	17	24	2.691800388	1.42857143			
512	1024	18	25	2.691800389	1.42857143			
32	1024	15	22	2.69180039	1.428571431			
256	1024	17	24	2.69180039	1.428571431			
128	1024	16	23	2.691800392	1.428571432			
1024	1024	18	25	2.691800392	1.428571432			
64	1024	15	22	2.691800394	1.428571433			
512	1024	17	24	2.691800395	1.428571434			
256	1024	16	23	2.691800398	1.428571435			

2048	1024	18	25	2.691800399	1.428571436			
128	1024	15	22	2.691800402	1.428571438			
1024	1024	17	24	2.691800404	1.428571439			
512	1024	16	23	2.691800411	1.428571442			
4096	1024	18	25	2.691800413	1.428571444			
32	1024	13	20	2.691800416	1.428571445			
256	1024	15	22	2.691800419	1.428571447			
2048	1024	17	24	2.691800423	1.428571449			
1024	1024	16	23	2.691800436	1.428571456			
64	1024	13	20	2.691800447	1.428571462			
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4096	1024	17	24	2.69180046	1.428571469			
32	1024	12	19	2.691800468	1.428571473			
2048	1024	16	23	2.691800486	1.428571483			
128	1024	13	20	2.691800509	1.428571495			
1024	1024	15	22	2.691800522	1.428571502			
64	1024	12	19	2.691800551	1.428571518			
4096	1024	16	23	2.691800588	1.428571537			
32	1024	11	18	2.691800609	1.428571548			
256	1024	13	20	2.691800632	1.428571561			
2048	1024	15	22	2.691800658	1.428571575			
128	1024	12	19	2.691800717	1.428571607			
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4096	1024	15	22	2.69180093	1.428571721			
32	1024	10	17	2.691800987	1.428571751			
256	1024	12	19	2.69180105	1.428571785			
128	1024	11	18	2.691801279	1.428571908			
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512	1024	12	19	2.691801714	1.428572141			
32	1024	9	16	2.691802005	1.428572297			
256	1024	11	18	2.691802173	1.428572387			
2048	1024	13	20	2.69180236	1.428572487			
128	1024	10	17	2.691802792	1.428572718			
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128	1024	9	16	2.691806863	1.428574901			
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4096	1024	11	18	2.691828992	1.428586761			
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64	1024	6	13	2.69186355	1.428605282			
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4096	1024	10	17	2.691877372	1.42861269			
32	1024	5	12	2.691885395	1.42861699			
2048	1024	9	16	2.691903992	1.428626957			
128	1024	6	13	2.691926688	1.42863912			
1024	1024	8	15	2.691939815	1.428646155			
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4096	1024	9	16	2.692007503	1.428682431			
32	1024	4	11	2.692029137	1.428694025			
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2048	1024	8	15	2.692079086	1.428720793			
128	1024	5	12	2.692140169	1.428753527			
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4096	1024	8	15	2.692357153	1.428869802			
32	1024	3	10	2.692415662	1.428901154			
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128	1024	4	11	2.692713766	1.42906088			
1024	1024	6	13	2.692807839	1.429111281			
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32	1024	1	8	2.696235347	1.430946431			
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2048	1024	5	12	2.697156511	1.431439241			
2048	2048	1	9	2.697939421	1.431857955			
128	1024	2	9	2.69835404	1.432079651			
1024	1024	4	11	2.69898923	1.43241922			
64	1024	1	8	2.700612798	1.433286807			
512	1024	3	10	2.70144871	1.433733291			
4096	1024	5	12	2.702348839	1.43421392			
256	1024	2	9	2.704752937	1.435496819			
2048	1024	4	11	2.705921633	1.436120058			
32	8	1	4	2.706419928	1.436385705			
128	128	2	7	2.707386638	1.436900932			
4096	512	2	9	2.708827009	1.437668263			
128	1024	1	8	2.709201696	1.437867804			
1024	1024	3	10	2.710703724	1.438667437			
1024	128	4	9	2.712748359	1.439755226			
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4096	1024	4	11	2.719094842	1.443126474			

128	8	1	5	2.72329348	1.445352465			
1024	32	1	7	2.723392924	1.445405146			
256	1024	1	8	2.725757294	1.446657108			
32	16	2	5	2.727929204	1.447806204			
2048	1024	3	10	2.728168423	1.447932712			
64	32	1	5	2.728860224	1.4482985			
64	128	1	6	2.729313058	1.448537884			
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512	128	3	8	2.734976649	1.451528515			
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512	256	1	7	2.759488626	1.464400939			
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16	2	3	4	2.760555138	1.464958417			
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256	128	2	7	2.764596007	1.467068673			
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4096	2048	1	9	2.775710827	1.472857276			
1024	32	2	7	2.776069422	1.473043646			
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1024	128	3	8	2.807092686	1.4890767			
1024	128	1	7	2.810087766	1.49061519			
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1	8	21	23	2.828427125	1.5			
1	8	23	25	2.828427125	1.5			

2	8	21	23	2.828427125	1.5			
2	8	23	25	2.828427125	1.5			
4	8	21	23	2.828427125	1.5			
4	8	23	25	2.828427125	1.5			
8	8	21	23	2.828427125	1.5			
8	8	23	25	2.828427125	1.5			
16	8	23	25	2.828427125	1.5			
32	8	23	25	2.828427125	1.5			
64	8	23	25	2.828427125	1.5			
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2	64	19	23	2.828427125	1.5			
2	64	21	25	2.828427125	1.5			
4	64	19	23	2.828427125	1.5			
4	64	21	25	2.828427125	1.5			
8	64	19	23	2.828427125	1.5			
8	64	21	25	2.828427125	1.5			
16	64	19	23	2.828427125	1.5			
16	64	21	25	2.828427125	1.5			
32	64	21	25	2.828427125	1.5			
64	64	21	25	2.828427125	1.5			
128	64	21	25	2.828427125	1.5			
16	512	17	23	2.828427125	1.5			
16	512	19	25	2.828427125	1.5			
32	512	17	23	2.828427125	1.5			
32	512	19	25	2.828427125	1.5			
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128	512	19	25	2.828427125	1.5			
256	512	19	25	2.828427125	1.5			
128	4096	17	25	2.828427125	1.5			
256	4096	17	25	2.828427125	1.5			
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128	8	23	25	2.828427126	1.5			
4	64	17	21	2.828427126	1.5			
32	64	19	23	2.828427126	1.5			
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64	512	17	23	2.828427126	1.500000001			
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512	4096	17	25	2.828427126	1.5			
4	8	19	21	2.828427127	1.500000001			
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1024	64	21	25	2.828427128	1.500000002			
256	4096	15	23	2.828427128	1.500000002			
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16	8	19	21	2.828427132	1.500000004			
128	8	21	23	2.828427132	1.500000004			
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256	64	19	23	2.828427132	1.500000004			
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4096	4096	17	25	2.828427132	1.500000004			
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4096	512	19	25	2.828427135	1.500000005			
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16	64	15	19	2.828427155	1.500000015			
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256	4096	13	21	2.828427155	1.500000015			
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32	512	13	19	2.828427164	1.500000002			
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256	8	19	21	2.828427244	1.5000000061			
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2	64	11	15	2.828427363	1.500000122			
16	64	13	17	2.828427363	1.500000122			
128	64	15	19	2.828427363	1.500000122			
1024	64	17	21	2.828427363	1.500000122			
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2048	4096	13	21	2.828427363	1.500000122			
32	512	11	17	2.828427443	1.500000162			
256	512	13	19	2.828427443	1.500000162			
2	8	13	15	2.828427602	1.500000243			
16	8	15	17	2.828427602	1.500000243			
128	8	17	19	2.828427602	1.500000243			
4	64	11	15	2.828427602	1.500000243			
32	64	13	17	2.828427602	1.500000243			
256	64	15	19	2.828427602	1.500000243			
2048	64	17	21	2.828427602	1.500000243			
512	4096	11	19	2.828427602	1.500000243			
4096	4096	13	21	2.828427602	1.500000243			
64	512	11	17	2.828427761	1.500000324			
512	512	13	19	2.828427761	1.500000324			
4	8	13	15	2.828428078	1.500000486			
32	8	15	17	2.828428078	1.500000486			
256	8	17	19	2.828428078	1.500000486			
8	64	11	15	2.828428078	1.500000486			
64	64	13	17	2.828428078	1.500000486			
512	64	15	19	2.828428078	1.500000486			
128	4096	9	17	2.828428078	1.500000486			
1024	4096	11	19	2.828428078	1.500000486			
128	512	11	17	2.828428396	1.500000649			

1024	512	13	19	2.828428396	1.500000649			
1	8	11	13	2.828429032	1.500000973			
8	8	13	15	2.828429032	1.500000973			
64	8	15	17	2.828429032	1.500000973			
2	64	9	13	2.828429032	1.500000973			
16	64	11	15	2.828429032	1.500000973			
128	64	13	17	2.828429032	1.500000973			
1024	64	15	19	2.828429032	1.500000973			
256	4096	9	17	2.828429032	1.500000973			
2048	4096	11	19	2.828429032	1.500000973			
256	512	11	17	2.828429668	1.500001297			
2048	512	13	19	2.828429668	1.500001297			
2	8	11	13	2.828430939	1.500001946			
16	8	13	15	2.828430939	1.500001946			
128	8	15	17	2.828430939	1.500001946			
4	64	9	13	2.828430939	1.500001946			
32	64	11	15	2.828430939	1.500001946			
256	64	13	17	2.828430939	1.500001946			
2048	64	15	19	2.828430939	1.500001946			
512	4096	9	17	2.828430939	1.500001946			
4096	4096	11	19	2.828430939	1.500001946			
512	512	11	17	2.828432211	1.500002594			
4096	512	13	19	2.828432211	1.500002594			
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32	8	13	15	2.828434754	1.500003891			
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64	64	11	15	2.828434754	1.500003891			
512	64	13	17	2.828434754	1.500003891			
128	4096	7	15	2.828434754	1.500003891			
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16	512	7	13	2.828437297	1.500005189			
1024	512	11	17	2.828437297	1.500005188			
64	8	13	15	2.828442382	1.500007782			
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1	8	9	11	2.828442383	1.500007783			

8	8	11	13	2.828442383	1.500007783			
2	64	7	11	2.828442383	1.500007783			
16	64	9	13	2.828442383	1.500007783			
128	64	11	15	2.828442383	1.500007783			
256	4096	7	15	2.828442383	1.500007783			
2048	4096	9	17	2.828442383	1.500007783			
32	512	7	13	2.828447468	1.500010377			
2048	512	11	17	2.828447468	1.500010376			
128	8	13	15	2.828457638	1.500015564			
256	64	11	15	2.828457638	1.500015564			
2048	64	13	17	2.828457638	1.500015564			
4096	4096	9	17	2.828457638	1.500015564			
2	8	9	11	2.828457639	1.500015564			
16	8	11	13	2.828457639	1.500015564			
32	64	9	13	2.828457639	1.500015564			
512	4096	7	15	2.828457639	1.500015564			
4	64	7	11	2.82845764	1.500015565			
4096	512	11	17	2.828467807	1.500020751			
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256	8	13	15	2.828488142	1.500031123			
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32	8	11	13	2.828488145	1.500031124			
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8	64	7	11	2.828488149	1.500031126			
128	4096	5	13	2.828488149	1.500031126			
128	512	7	13	2.828508483	1.500041498			
16	512	5	11	2.828508487	1.5000415			
1024	64	11	15	2.828549129	1.500062229			
64	8	11	13	2.828549135	1.500062232			
128	64	9	13	2.82854914	1.500062235			
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8	8	9	11	2.828549145	1.500062238	***		
16	64	7	11	2.82854915	1.50006224			
256	4096	5	13	2.82854915	1.50006224			

1	8	7	9	2.828549156	1.500062243	*		
2	64	5	9	2.828549161	1.500062246			
256	512	7	13	2.828589796	1.500082971			
32	512	5	11	2.828589815	1.500082981			
2048	64	11	15	2.828671002	1.500124389			
128	8	11	13	2.828671023	1.5001244			
256	64	9	13	2.828671044	1.500124411			
4096	4096	7	15	2.828671044	1.500124411			
16	8	9	11	2.828671065	1.500124421			
32	64	7	11	2.828671086	1.500124432			
512	4096	5	13	2.828671086	1.500124432			
2	8	7	9	2.828671107	1.500124443			
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512	512	7	13	2.82875229	1.500165848			
64	512	5	11	2.828752365	1.500165886			
256	8	11	13	2.82891444	1.500248543			
512	64	9	13	2.828914523	1.500248586			
32	8	9	11	2.828914607	1.500248629			
64	64	7	11	2.828914691	1.500248671			
1024	4096	5	13	2.828914691	1.500248671			
4	8	7	9	2.828914775	1.500248714			
8	64	5	9	2.828914859	1.500248757	**		
128	4096	3	11	2.828914859	1.500248757			
1024	512	7	13	2.829076748	1.500331315			
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64	8	9	11	2.8294005	1.500496404			
128	64	7	11	2.829400834	1.500496574			
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8	8	7	9	2.829401169	1.500496745			
16	64	5	9	2.829401503	1.500496915	**		
256	4096	3	11	2.829401503	1.500496915			
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2048	64	9	13	2.830366245	1.500988747			
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4096	4096	5	13	2.830368887	1.500990094			
256	64	7	11	2.830368889	1.500990095			
16	8	7	9	2.830370216	1.500990772			
512	4096	3	11	2.830371542	1.500991448	**		
32	64	5	9	2.830371544	1.500991449			
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4	64	3	7	2.83037421	1.500992808			
4096	512	7	13	2.831008815	1.501316241			
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32	8	7	9	2.832293557	1.501970803			
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128	4096	1	9	2.832309319	1.501978832			
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1024	512	5	11	2.83356502	1.502618308			
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64	8	7	9	2.836082831	1.503899669			
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128	64	5	9	2.836103167	1.503910013			
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256	4096	1	9	2.836144269	1.503930921			
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2	64	1	5	2.836186265	1.503952284			
2048	512	5	11	2.838567725	1.505163163			
32	512	1	7	2.838712098	1.505236539			
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128	8	7	9	2.84344371	1.507639244			
4096	4096	3	11	2.843519743	1.507677821			
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16	8	5	7	2.843599025	1.507718045			
512	4096	1	9	2.843677413	1.507757815			
32	64	3	7	2.843678274	1.507758252			
2	8	3	5	2.843759204	1.507799309			
4	64	1	5	2.843840978	1.507840795			
4096	512	5	11	2.848198574	1.510049733			
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4096	1024	2	9	2.850247096	1.511086996			
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4096	128	4	9	2.854919731	1.513450183			
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32	8	5	7	2.857942445	1.514976863			
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1024	4096	1	9	2.858228808	1.515121412			
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4096	128	1	8	2.858843409	1.5154316			
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128	8	2	5	2.867183459	1.519634219			
512	16	4	7	2.867347179	1.519716597			
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128	64	3	7	2.885536143	1.528839402			
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4096	256	1	8	2.887702083	1.529921911			
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256	512	1	7	2.904308118	1.538194517			
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1024	256	1	7	2.910475767	1.541255006			
2048	128	3	8	2.915473717	1.543730317			
1024	32	3	7	2.923028714	1.547464002			
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256	128	1	6	2.928566562	1.550194685			
8	2	2	3	2.931142464	1.55146309	***		
128	8	5	7	2.931142464	1.55146309			
4096	4096	1	9	2.934043639	1.552890329			
256	64	3	7	2.934287641	1.553010302			
16	8	3	5	2.937856127	1.554763746			
4096	512	1	8	2.94132129	1.556464383			
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128	32	1	5	2.947069104	1.55928089			
64	4	1	4	2.950673527	1.561044305			
512	512	1	7	2.968649755	1.569806892			
64	2048	17	24	2.971988578	1.571428571			
64	2048	18	25	2.971988578	1.571428571			
128	2048	18	25	2.971988578	1.571428571			
256	2048	18	25	2.971988578	1.571428572			
64	2048	15	22	2.971988579	1.571428572			
64	2048	16	23	2.971988579	1.571428572			
128	2048	16	23	2.971988579	1.571428572			
128	2048	17	24	2.971988579	1.571428572			
256	2048	17	24	2.971988579	1.571428572			
512	2048	17	24	2.971988579	1.571428572			
512	2048	18	25	2.971988579	1.571428572			
1024	2048	18	25	2.971988579	1.571428572			
128	2048	15	22	2.97198858	1.571428572			
256	2048	16	23	2.97198858	1.571428572			
1024	2048	17	24	2.97198858	1.571428572			
2048	2048	18	25	2.97198858	1.571428572			
512	2048	16	23	2.971988581	1.571428573			
4096	2048	18	25	2.971988581	1.571428573			

2048	2048	17	24	2.971988582	1.571428573			
256	2048	15	22	2.971988583	1.571428573			
1024	2048	16	23	2.971988584	1.571428574			
4096	2048	17	24	2.971988586	1.571428575			
512	2048	15	22	2.971988587	1.571428576			
64	2048	13	20	2.971988588	1.571428576			
2048	2048	16	23	2.97198859	1.571428577			
1024	2048	15	22	2.971988595	1.57142858			
128	2048	13	20	2.971988597	1.571428581			
4096	2048	16	23	2.971988601	1.571428583			
64	2048	12	19	2.971988606	1.571428585			
2048	2048	15	22	2.971988612	1.571428588			
256	2048	13	20	2.971988616	1.57142859			
128	2048	12	19	2.971988634	1.571428599			
4096	2048	15	22	2.971988646	1.571428604			
512	2048	13	20	2.971988653	1.571428608			
64	2048	11	18	2.971988661	1.571428612			
256	2048	12	19	2.97198869	1.571428626			
1024	2048	13	20	2.971988729	1.571428644			
128	2048	11	18	2.971988744	1.571428652			
512	2048	12	19	2.971988802	1.57142868			
64	2048	10	17	2.971988825	1.571428691			
2048	2048	13	20	2.971988879	1.571428717			
256	2048	11	18	2.97198891	1.571428733			
1024	2048	12	19	2.971989025	1.571428788			
128	2048	10	17	2.971989072	1.571428811			
4096	2048	13	20	2.97198918	1.571428864			
512	2048	11	18	2.971989243	1.571428894			
64	2048	9	16	2.971989312	1.571428927			
2048	2048	12	19	2.971989472	1.571429005			
256	2048	10	17	2.971989565	1.571429051			
1024	2048	11	18	2.971989907	1.571429216			
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4096	2048	12	19	2.971990366	1.571429439			
512	2048	10	17	2.971990553	1.57142953			
64	2048	8	15	2.971990758	1.57142963			

2048	2048	11	18	2.971991235	1.571429861			
256	2048	9	16	2.971991512	1.571429996			
1024	2048	10	17	2.971992527	1.571430488			
128	2048	8	15	2.971992938	1.571430688			
4096	2048	11	18	2.971993893	1.571431151			
512	2048	9	16	2.971994446	1.57143142			
2048	2048	10	17	2.971996475	1.571432405			
256	2048	8	15	2.971997297	1.571432804			
1024	2048	9	16	2.972000313	1.571434268			
4096	2048	10	17	2.972004372	1.571436238			
512	2048	8	15	2.972006016	1.571437036			
64	2048	6	13	2.972007831	1.571437917			
2048	2048	9	16	2.972012047	1.571439964			
1024	2048	8	15	2.972023451	1.5714455			
128	2048	6	13	2.972027081	1.571447262			
4096	2048	9	16	2.972035511	1.571451354			
64	2048	5	12	2.972045792	1.571456344			
2048	2048	8	15	2.972058315	1.571462423			
256	2048	6	13	2.972065575	1.571465948			
128	2048	5	12	2.972102987	1.571484108			
4096	2048	8	15	2.972128015	1.571496257			
512	2048	6	13	2.972142537	1.571503306			
64	2048	4	11	2.972158573	1.571511109			
256	2048	5	12	2.972217326	1.571539608			
1024	2048	6	13	2.972296352	1.571577967			
128	2048	4	11	2.972328433	1.571593538			
512	2048	5	12	2.972445792	1.5716505			
64	2048	3	10	2.97249349	1.57167365			
2048	2048	6	13	2.972603553	1.571727068			
256	2048	4	11	2.972667744	1.571758222			
1024	2048	5	12	2.972901883	1.57187185			
128	2048	3	10	2.972997374	1.571918189			
4096	2048	6	13	2.973216249	1.572024398			
512	2048	4	11	2.973344746	1.572086747			
64	2048	2	9	2.973486917	1.572155728			
2048	2048	5	12	2.973810726	1.572312827			

256	2048	3	10	2.974002082	1.572405658			
1024	2048	4	11	2.974692321	1.572740455			
128	2048	2	9	2.974977751	1.572878879			
4096	2048	5	12	2.975615223	1.573187984			
128	4	3	5	2.975980413	1.573365031			
512	2048	3	10	2.975999387	1.573374229			
64	2048	1	8	2.97642628	1.573581162			
2048	2048	4	11	2.977362186	1.574034731			
256	2048	2	9	2.977937241	1.57431335			
1024	2048	3	10	2.979946569	1.575286463			
128	2048	1	8	2.980811749	1.575705266			
512	64	1	6	2.981778956	1.576173312			
4096	2048	4	11	2.982604072	1.576572479			
512	2048	2	9	2.9837698	1.577136235			
2048	2048	3	10	2.987658987	1.579015488			
32	16	1	4	2.989060361	1.579692031			
256	2048	1	8	2.989431387	1.579871099			
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8	128	17	21	3.363585661	1.75			
8	128	19	23	3.363585661	1.75			
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8	256	9	13	4.000000119	2.000000043			
128	256	11	15	4.000000119	2.000000043			
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256	256	11	15	4.000000238	2.000000086			
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512	16	13	15	4.000000954	2.000000344			
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128	4	12	13	4.000007629	2.000002752			
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1024	256	9	13	4.000015258	2.000005503			
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1024	64	10	13	4.000020344	2.000007337	*****		
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128	1024	6	11	4.000024413	2.000008805	***		
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128	64	8	11	4.000040686	2.000014674	***		
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4096	1024	8	13	4.000048822	2.000017609			
256	1024	6	11	4.000048823	2.000017609	***		
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4096	256	9	13	4.000061025	2.00002201			
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16	16	3	5	4.030431712	2.010934379			
2	4	3	4	4.0305449	2.010974894			
32	256	1	5	4.030658033	2.011015388			
1	16	1	3	4.030891228	2.011098853			
2048	64	5	8	4.039291935	2.014102419			
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1024	4096	1	7	4.040226775	2.014436273			
32	64	2	5	4.040427071	2.014507793			
8	64	1	4	4.040827537	2.014650778			
4096	1024	3	8	4.047148166	2.016905667			
1024	1024	2	7	4.047678749	2.017094792			

256	1024	1	6	4.048227298	2.017290296			
512	16	5	7	4.057759589	2.020683392			
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1024	256	3	7	4.058536928	2.020959741			
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32	16	3	5	4.059357767	2.021251496			
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64	256	1	5	4.060200584	2.021551002			
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2048	4096	1	7	4.077854273	2.02781022			
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16	64	1	4	4.080083625	2.028598722			
4096	128	1	6	4.080822769	2.028860055			
2048	1024	2	7	4.091319806	2.032566313			
512	1024	1	6	4.093269219	2.033253557			
1024	32	1	5	4.09756235	2.034765902			
128	4	5	6	4.109244606	2.03887321			
2048	256	3	7	4.110520463	2.039321076			
32	4	4	5	4.111934793	2.039817387			
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128	256	1	5	4.11629745	2.041347237			
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4	16	1	3	4.11958394	2.042498639			
256	8	1	4	4.123049983	2.043711951			
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4096	4096	1	7	4.146654505	2.051947848			
128	64	2	5	4.14925351	2.052851805			
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4096	256	1	6	4.156976398	2.055534557			
64	2	1	3	4.166574226	2.058861681			
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4096	2048	16	21	4.59479342	2.2			
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2048	2048	13	18	4.594793422	2.200000001			
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1024	2048	12	17	4.594793425	2.200000002			
4096	2048	13	18	4.594793425	2.200000001			
256	2048	11	16	4.594793426	2.200000002			
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4096	128	17	20	5.0396842	2.333333333			
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512	128	10	13	5.039684835	2.333333515			
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32	128	5	8	5.039813363	2.333370308			
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16	128	4	7	5.040009615	2.333426486			
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32	128	4	7	5.040334821	2.333519573			
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4096	4096	13	18	5.278031644	2.4			
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(A +	B * G	^A C)	^A (1/D)	generator	Log2		Kraig Grady and Juno Kim 29- 5-	