

Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
100	.00000	.00043	.00087	.00130	.00173	.00217	.00260	.00303	.00346	.00389	5	10	14	19	24	29	34	38	43
101	.00432	.00475	.00518	.00561	.00604	.00647	.00689	.00732	.00775	.00817	5	10	14	19	24	29	33	38	43
102	.00860	.00903	.00945	.00988	.01030	.01072	.01115	.01157	.01199	.01242	5	9	14	19	24	28	33	38	42
103	.01284	.01326	.01368	.01410	.01452	.01494	.01536	.01578	.01620	.01662	5	9	14	19	23	28	33	37	42
104	.01703	.01745	.01787	.01828	.01870	.01912	.01953	.01995	.02036	.02078	5	9	14	18	23	28	32	37	42
105	.02119	.02160	.02202	.02243	.02284	.02325	.02366	.02407	.02449	.02490	5	9	14	18	23	27	32	37	41
106	.02531	.02572	.02612	.02653	.02694	.02735	.02776	.02816	.02857	.02898	5	9	14	18	23	27	32	36	41
107	.02938	.02979	.03019	.03060	.03100	.03141	.03181	.03222	.03262	.03302	4	9	13	18	22	27	31	36	40
108	.03342	.03383	.03423	.03463	.03503	.03543	.03583	.03623	.03663	.03703	4	9	13	18	22	27	31	36	40
109	.03743	.03782	.03822	.03862	.03902	.03941	.03981	.04021	.04060	.04100	4	9	13	18	22	26	31	35	40
110	.04139	.04179	.04218	.04258	.04297	.04336	.04376	.04415	.04454	.04493	4	9	13	17	22	26	31	35	39
111	.04532	.04571	.04610	.04650	.04689	.04727	.04766	.04805	.04844	.04883	4	9	13	17	22	26	30	35	39
112	.04922	.04961	.04999	.05038	.05077	.05115	.05154	.05192	.05231	.05269	4	9	13	17	21	26	30	34	39
113	.05308	.05346	.05385	.05423	.05461	.05500	.05538	.05576	.05614	.05652	4	9	13	17	21	26	30	34	38
114	.05690	.05729	.05767	.05805	.05843	.05881	.05918	.05956	.05994	.06032	4	8	13	17	21	25	30	34	38
115	.06070	.06108	.06145	.06183	.06221	.06258	.06296	.06333	.06371	.06408	4	8	13	17	21	25	29	33	38
116	.06446	.06483	.06521	.06558	.06595	.06633	.06670	.06707	.06744	.06781	4	8	12	17	21	25	29	33	37
117	.06819	.06856	.06893	.06930	.06967	.07004	.07041	.07078	.07115	.07151	4	8	12	16	21	25	29	33	37
118	.07188	.07225	.07262	.07298	.07335	.07372	.07408	.07445	.07482	.07518	4	8	12	16	20	24	29	33	37
119	.07555	.07591	.07628	.07664	.07700	.07737	.07773	.07809	.07846	.07882	4	8	12	16	20	24	28	32	36
120	.07918	.07954	.07990	.08027	.08063	.08099	.08135	.08171	.08207	.08243	4	8	12	16	20	24	28	32	36
121	.08279	.08314	.08350	.08386	.08422	.08458	.08493	.08529	.08565	.08600	4	8	12	16	20	24	28	32	36
122	.08636	.08672	.08707	.08743	.08778	.08814	.08849	.08884	.08920	.08955	4	8	12	16	20	24	28	32	35
123	.08991	.09026	.09061	.09096	.09132	.09167	.09202	.09237	.09272	.09307	4	8	12	16	20	23	27	31	35
124	.09342	.09377	.09412	.09447	.09482	.09517	.09552	.09587	.09621	.09656	4	8	12	16	19	23	27	31	35
125	.09691	.09726	.09760	.09795	.09830	.09864	.09899	.09934	.09968	.10003	4	8	12	15	19	23	27	31	35
126	.10037	.10072	.10106	.10140	.10175	.10209	.10243	.10278	.10312	.10346	4	8	11	15	19	23	27	31	34
127	.10380	.10415	.10449	.10483	.10517	.10551	.10585	.10619	.10653	.10687	4	8	11	15	19	23	26	30	34
128	.10721	.10755	.10789	.10823	.10857	.10890	.10924	.10958	.10992	.11025	4	8	11	15	19	23	26	30	34
129	.11059	.11093	.11126	.11160	.11193	.11227	.11261	.11294	.11327	.11361	4	7	11	15	19	22	26	30	34
130	.11394	.11428	.11461	.11494	.11528	.11561	.11594	.11628	.11661	.11694	4	7	11	15	18	22	26	30	33
131	.11727	.11760	.11793	.11826	.11860	.11893	.11926	.11959	.11992	.12024	4	7	11	15	18	22	26	29	33
132	.12057	.12090	.12123	.12156	.12189	.12222	.12254	.12287	.12320	.12352	4	7	11	15	18	22	25	29	33
133	.12385	.12418	.12450	.12483	.12516	.12548	.12581	.12613	.12646	.12678	4	7	11	14	18	22	25	29	33
134	.12710	.12743	.12775	.12808	.12840	.12872	.12905	.12937	.12969	.13001	4	7	11	14	18	22	25	29	32
135	.13033	.13066	.13098	.13130	.13162	.13194	.13226	.13258	.13290	.13322	4	7	11	14	18	21	25	28	32
136	.13354	.13386	.13418	.13450	.13481	.13513	.13545	.13577	.13609	.13640	4	7	11	14	18	21	25	28	32
137	.13672	.13704	.13735	.13767	.13799	.13830	.13862	.13893	.13925	.13956	4	7	11	14	18	21	25	28	32
138	.13988	.14019	.14051	.14082	.14114	.14145	.14176	.14208	.14239	.14270	3	7	10	14	17	21	24	28	31
139	.14301	.14333	.14364	.14395	.14426	.14457	.14489	.14520	.14551	.14582	3	7	10	14	17	21	24	28	31
140	.14613	.14644	.14675	.14706	.14737	.14768	.14799	.14829	.14860	.14891	3	7	10	14	17	21	24	27	31
141	.14922	.14953	.14983	.15014	.15045	.15076	.15106	.15137	.15168	.15198	3	7	10	14	17	20	24	27	31
142	.15229	.15259	.15290	.15320	.15351	.15381	.15412	.15442	.15473	.15503	3	7	10	14	17	20	24	27	30
143	.15534	.15564	.15594	.15625	.15655	.15685	.15715	.15746	.15776	.15806	3	7	10	13	17	20	24	27	30
144	.15836	.15866	.15897	.15927	.15957	.15987	.16017	.16047	.16077	.16107	3	7	10	13	17	20	23	27	30
145	.16137	.16167	.16197	.16227	.16256	.16286	.16316	.16346	.16376	.16406	3	7	10	13	17	20	23	27	30
146	.16435	.16465	.16495	.16524	.16554	.16584	.16613	.16643	.16673	.16702	3	7	10	13	16	20	23	26	30
147	.16732	.16761	.16791	.16820	.16850	.16879	.16909	.16938	.16967	.16997	3	7	10	13	16	20	23	26	29
148	.17026	.17056	.17085	.17114	.17143	.17173	.17202	.17231	.17260	.17289	3	7	10	13	16	19	23	26	29
149	.17319	.17348	.17377	.17406	.17435	.17464	.17493	.17522	.17551	.17580	3	6	10	13	16	19	23	26	29
150	.17609	.17638	.17667	.17696	.17725	.17754	.17782	.17811	.17840	.17869	3	6	10	13	16	19	22	26	29

Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
151	.17898	.17926	.17955	.17984	.18013	.18041	.18070	.18099	.18127	.18156	3	6	10	13	16	19	22	25	29
152	.18184	.18213	.18241	.18270	.18298	.18327	.18355	.18384	.18412	.18441	3	6	9	13	16	19	22	25	28
153	.18469	.18498	.18526	.18554	.18583	.18611	.18639	.18667	.18696	.18724	3	6	9	13	16	19	22	25	28
154	.18752	.18780	.18808	.18837	.18865	.18893	.18921	.18949	.18977	.19005	3	6	9	12	16	19	22	25	28
155	.19033	.19061	.19089	.19117	.19145	.19173	.19201	.19229	.19257	.19285	3	6	9	12	16	19	22	25	28
156	.19312	.19340	.19368	.19396	.19424	.19451	.19479	.19507	.19535	.19562	3	6	9	12	15	19	22	25	28
157	.19590	.19618	.19645	.19673	.19700	.19728	.19756	.19783	.19811	.19838	3	6	9	12	15	18	21	25	28
158	.19866	.19893	.19921	.19948	.19976	.20003	.20030	.20058	.20085	.20112	3	6	9	12	15	18	21	24	27
159	.20140	.20167	.20194	.20222	.20249	.20276	.20303	.20330	.20358	.20385	3	6	9	12	15	18	21	24	27
160	.20412	.20439	.20466	.20493	.20520	.20548	.20575	.20602	.20629	.20656	3	6	9	12	15	18	21	24	27
161	.20683	.20710	.20737	.20763	.20790	.20817	.20844	.20871	.20898	.20925	3	6	9	12	15	18	21	24	27
162	.20952	.20978	.21005	.21032	.21059	.21085	.21112	.21139	.21165	.21192	3	6	9	12	15	18	21	24	27
163	.21219	.21245	.21272	.21299	.21325	.21352	.21378	.21405	.21431	.21458	3	6	9	12	15	18	21	24	27
164	.21484	.21511	.21537	.21564	.21590	.21617	.21643	.21669	.21696	.21722	3	6	9	12	15	18	21	23	26
165	.21748	.21775	.21801	.21827	.21854	.21880	.21906	.21932	.21958	.21985	3	6	9	12	15	17	20	23	26
166	.22011	.22037	.22063	.22089	.22115	.22141	.22167	.22194	.22220	.22246	3	6	9	12	14	17	20	23	26
167	.22272	.22298	.22324	.22350	.22376	.22401	.22427	.22453	.22479	.22505	3	6	9	12	14	17	20	23	26
168	.22531	.22557	.22583	.22608	.22634	.22660	.22686	.22712	.22737	.22763	3	6	9	11	14	17	20	23	26
169	.22789	.22814	.22840	.22866	.22891	.22917	.22943	.22968	.22994	.23019	3	6	9	11	14	17	20	23	26
170	.23045	.23070	.23096	.23121	.23147	.23172	.23198	.23223	.23249	.23274	3	6	8	11	14	17	20	23	25
171	.23300	.23325	.23350	.23376	.23401	.23426	.23452	.23477	.23502	.23528	3	6	8	11	14	17	20	23	25
172	.23553	.23578	.23603	.23629	.23654	.23679	.23704	.23729	.23754	.23779	3	6	8	11	14	17	20	22	25
173	.23805	.23830	.23855	.23880	.23905	.23930	.23955	.23980	.24005	.24030	3	6	8	11	14	17	19	22	25
174	.24055	.24080	.24105	.24130	.24155	.24180	.24204	.24229	.24254	.24279	3	6	8	11	14	17	19	22	25
175	.24304	.24329	.24353	.24378	.24403	.24428	.24452	.24477	.24502	.24527	3	6	8	11	14	16	19	22	25
176	.24551	.24576	.24601	.24625	.24650	.24674	.24699	.24724	.24748	.24773	3	5	8	11	14	16	19	22	25
177	.24797	.24822	.24846	.24871	.24895	.24920	.24944	.24969	.24993	.25018	3	5	8	11	14	16	19	22	24
178	.25042	.25066	.25091	.25115	.25139	.25164	.25188	.25212	.25237	.25261	3	5	8	11	14	16	19	22	24
179	.25285	.25310	.25334	.25358	.25382	.25406	.25431	.25455	.25479	.25503	3	5	8	11	13	16	19	22	24
180	.25527	.25551	.25575	.25600	.25624	.25648	.25672	.25696	.25720	.25744	3	5	8	11	13	16	19	21	24
181	.25768	.25792	.25816	.25840	.25864	.25888	.25912	.25935	.25959	.25983	3	5	8	11	13	16	19	21	24
182	.26007	.26031	.26055	.26079	.26102	.26126	.26150	.26174	.26198	.26221	3	5	8	11	13	16	19	21	24
183	.26245	.26269	.26293	.26316	.26340	.26364	.26387	.26411	.26435	.26458	3	5	8	11	13	16	18	21	24
184	.26482	.26505	.26529	.26553	.26576	.26600	.26623	.26647	.26670	.26694	3	5	8	10	13	16	18	21	24
185	.26717	.26741	.26764	.26788	.26811	.26834	.26858	.26881	.26905	.26928	3	5	8	10	13	16	18	21	23
186	.26951	.26975	.26998	.27021	.27045	.27068	.27091	.27114	.27138	.27161	3	5	8	10	13	16	18	21	23
187	.27184	.27207	.27231	.27254	.27277	.27300	.27323	.27346	.27370	.27393	3	5	8	10	13	15	18	21	23
188	.27416	.27439	.27462	.27485	.27508	.27531	.27554	.27577	.27600	.27623	3	5	8	10	13	15	18	20	23
189	.27646	.27669	.27692	.27715	.27738	.27761	.27784	.27807	.27830	.27852	3	5	8	10	13	15	18	20	23
190	.27875	.27898	.27921	.27944	.27967	.27989	.28012	.28035	.28058	.28081	3	5	8	10	13	15	18	20	23
191	.28103	.28126	.28149	.28171	.28194	.28217	.28240	.28262	.28285	.28307	3	5	8	10	13	15	18	20	23
192	.28330	.28353	.28375	.28398	.28421	.28443	.28466	.28488	.28511	.28533	3	5	8	10	13	15	18	20	23
193	.28556	.28578	.28601	.28623	.28646	.28668	.28691	.28713	.28735	.28758	2	5	7	10	12	15	17	20	22
194	.28780	.28803	.28825	.28847	.28870	.28892	.28914	.28937	.28959	.28981	2	5	7	10	12	15	17	20	22
195	.29003	.29026	.29048	.29070	.29092	.29115	.29137	.29159	.29181	.29203	2	5	7	10	12	15	17	20	22
196	.29226	.29248	.29270	.29292	.29314	.29336	.29358	.29380	.29403	.29425	2	5	7	10	12	15	17	20	22
197	.29447	.29469	.29491	.29513	.29535	.29557	.29579	.29601	.29623	.29645	2	5	7	10	12	15	17	20	22
198	.29667	.29688	.29710	.29732	.29754	.29776	.29798	.29820	.29842	.29863	2	5	7	10	12	15	17	19	22
199	.29885	.29907	.29929	.29951	.29973	.29994	.30016	.30038	.30060	.30081	2	5	7	10	12	15	17	19	22
200	.30103	.30125	.30146	.30168	.30190	.30211	.30233	.30255	.30276	.30298	2	5	7	10	12	14	17	19	22
201	.30320	.30341	.30363	.30384	.30406	.30428	.30449	.30471	.30492	.30514	2	5	7	10	12	14	17	19	22

Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
202	.30535	.30557	.30578	.30600	.30621	.30643	.30664	.30685	.30707	.30728	2	5	7	10	12	14	17	19	21
203	.30750	.30771	.30792	.30814	.30835	.30856	.30878	.30899	.30920	.30942	2	5	7	9	12	14	17	19	21
204	.30963	.30984	.31006	.31027	.31048	.31069	.31091	.31112	.31133	.31154	2	5	7	9	12	14	17	19	21
205	.31175	.31197	.31218	.31239	.31260	.31281	.31302	.31323	.31345	.31366	2	5	7	9	12	14	16	19	21
206	.31387	.31408	.31429	.31450	.31471	.31492	.31513	.31534	.31555	.31576	2	5	7	9	12	14	16	19	21
207	.31597	.31618	.31639	.31660	.31681	.31702	.31723	.31744	.31765	.31785	2	5	7	9	12	14	16	19	21
208	.31806	.31827	.31848	.31869	.31890	.31911	.31931	.31952	.31973	.31994	2	5	7	9	12	14	16	19	21
209	.32015	.32035	.32056	.32077	.32098	.32118	.32139	.32160	.32181	.32201	2	5	7	9	12	14	16	18	21
210	.32222	.32243	.32263	.32284	.32305	.32325	.32346	.32366	.32387	.32408	2	5	7	9	11	14	16	18	21
211	.32428	.32449	.32469	.32490	.32510	.32531	.32552	.32572	.32593	.32613	2	5	7	9	11	14	16	18	21
212	.32634	.32654	.32675	.32695	.32715	.32736	.32756	.32777	.32797	.32818	2	5	7	9	11	14	16	18	20
213	.32838	.32858	.32879	.32899	.32919	.32940	.32960	.32980	.33001	.33021	2	5	7	9	11	14	16	18	20
214	.33041	.33062	.33082	.33102	.33122	.33143	.33163	.33183	.33203	.33224	2	5	7	9	11	13	16	18	20
215	.33244	.33264	.33284	.33304	.33325	.33345	.33365	.33385	.33405	.33425	2	4	7	9	11	13	16	18	20
216	.33445	.33465	.33486	.33506	.33526	.33546	.33566	.33586	.33606	.33626	2	4	7	9	11	13	16	18	20
217	.33646	.33666	.33686	.33706	.33726	.33746	.33766	.33786	.33806	.33826	2	4	7	9	11	13	16	18	20
218	.33846	.33866	.33885	.33905	.33925	.33945	.33965	.33985	.34005	.34025	2	4	7	9	11	13	15	18	20
219	.34044	.34064	.34084	.34104	.34124	.34143	.34163	.34183	.34203	.34223	2	4	7	9	11	13	15	18	20
220	.34242	.34262	.34282	.34301	.34321	.34341	.34361	.34380	.34400	.34420	2	4	7	9	11	13	15	18	20
221	.34439	.34459	.34479	.34498	.34518	.34537	.34557	.34577	.34596	.34616	2	4	7	9	11	13	15	17	20
222	.34635	.34655	.34674	.34694	.34713	.34733	.34753	.34772	.34792	.34811	2	4	7	9	11	13	15	17	20
223	.34830	.34850	.34869	.34889	.34908	.34928	.34947	.34967	.34986	.35005	2	4	6	9	11	13	15	17	19
224	.35025	.35044	.35064	.35083	.35102	.35122	.35141	.35160	.35180	.35199	2	4	6	9	11	13	15	17	19
225	.35218	.35238	.35257	.35276	.35295	.35315	.35334	.35353	.35372	.35392	2	4	6	9	11	13	15	17	19
226	.35411	.35430	.35449	.35468	.35488	.35507	.35526	.35545	.35564	.35583	2	4	6	9	11	13	15	17	19
227	.35603	.35622	.35641	.35660	.35679	.35698	.35717	.35736	.35755	.35774	2	4	6	8	11	13	15	17	19
228	.35793	.35813	.35832	.35851	.35870	.35889	.35908	.35927	.35946	.35965	2	4	6	8	11	13	15	17	19
229	.35984	.36003	.36021	.36040	.36059	.36078	.36097	.36116	.36135	.36154	2	4	6	8	11	13	15	17	19
230	.36173	.36192	.36211	.36229	.36248	.36267	.36286	.36305	.36324	.36342	2	4	6	8	10	13	15	17	19
231	.36361	.36380	.36399	.36418	.36436	.36455	.36474	.36493	.36511	.36530	2	4	6	8	10	13	15	17	19
232	.36549	.36568	.36586	.36605	.36624	.36642	.36661	.36680	.36698	.36717	2	4	6	8	10	12	15	17	19
233	.36736	.36754	.36773	.36791	.36810	.36829	.36847	.36866	.36884	.36903	2	4	6	8	10	12	14	17	19
234	.36922	.36940	.36959	.36977	.36996	.37014	.37033	.37051	.37070	.37088	2	4	6	8	10	12	14	16	19
235	.37107	.37125	.37144	.37162	.37181	.37199	.37218	.37236	.37254	.37273	2	4	6	8	10	12	14	16	18
236	.37291	.37310	.37328	.37346	.37365	.37383	.37401	.37420	.37438	.37457	2	4	6	8	10	12	14	16	18
237	.37475	.37493	.37511	.37530	.37548	.37566	.37585	.37603	.37621	.37639	2	4	6	8	10	12	14	16	18
238	.37658	.37676	.37694	.37712	.37731	.37749	.37767	.37785	.37803	.37822	2	4	6	8	10	12	14	16	18
239	.37840	.37858	.37876	.37894	.37912	.37931	.37949	.37967	.37985	.38003	2	4	6	8	10	12	14	16	18
240	.38021	.38039	.38057	.38075	.38093	.38112	.38130	.38148	.38166	.38184	2	4	6	8	10	12	14	16	18
241	.38202	.38220	.38238	.38256	.38274	.38292	.38310	.38328	.38346	.38364	2	4	6	8	10	12	14	16	18
242	.38382	.38399	.38417	.38435	.38453	.38471	.38489	.38507	.38525	.38543	2	4	6	8	10	12	14	16	18
243	.38561	.38578	.38596	.38614	.38632	.38650	.38668	.38686	.38703	.38721	2	4	6	8	10	12	14	16	18
244	.38739	.38757	.38775	.38792	.38810	.38828	.38846	.38863	.38881	.38899	2	4	6	8	10	12	14	16	18
245	.38917	.38934	.38952	.38970	.38987	.39005	.39023	.39041	.39058	.39076	2	4	6	8	10	12	14	16	18
246	.39094	.39111	.39129	.39146	.39164	.39182	.39199	.39217	.39235	.39252	2	4	6	8	10	12	14	16	18
247	.39270	.39287	.39305	.39322	.39340	.39358	.39375	.39393	.39410	.39428	2	4	6	8	10	12	14	16	18
248	.39445	.39463	.39480	.39498	.39515	.39533	.39550	.39568	.39585	.39602	2	4	6	8	10	12	14	16	17
249	.39620	.39637	.39655	.39672	.39690	.39707	.39724	.39742	.39759	.39777	2	4	6	8	10	12	14	15	17
250	.39794	.39811	.39829	.39846	.39863	.39881	.39898	.39915	.39933	.39950	2	4	6	8	10	12	13	15	17
251	.39967	.39985	.40002	.40019	.40037	.40054	.40071	.40088	.40106	.40123	2	4	6	8	10	12	13	15	17
252	.40140	.40157	.40175	.40192	.40209	.40226	.40243	.40261	.40278	.40295	2	4	6	8	10	11	13	15	17

Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
253	.40312	.40329	.40346	.40364	.40381	.40398	.40415	.40432	.40449	.40466	2	4	6	8	10	11	13	15	17
254	.40483	.40500	.40518	.40535	.40552	.40569	.40586	.40603	.40620	.40637	2	4	6	8	9	11	13	15	17
255	.40654	.40671	.40688	.40705	.40722	.40739	.40756	.40773	.40790	.40807	2	4	6	8	9	11	13	15	17
256	.40824	.40841	.40858	.40875	.40892	.40909	.40926	.40943	.40960	.40976	2	4	6	8	9	11	13	15	17
257	.40993	.41010	.41027	.41044	.41061	.41078	.41095	.41111	.41128	.41145	2	4	6	7	9	11	13	15	17
258	.41162	.41179	.41196	.41212	.41229	.41246	.41263	.41280	.41296	.41313	2	4	6	7	9	11	13	15	17
259	.41330	.41347	.41363	.41380	.41397	.41414	.41430	.41447	.41464	.41481	2	4	6	7	9	11	13	15	17
260	.41497	.41514	.41531	.41547	.41564	.41581	.41597	.41614	.41631	.41647	2	4	6	7	9	11	13	15	17
261	.41664	.41681	.41697	.41714	.41731	.41747	.41764	.41780	.41797	.41814	2	4	6	7	9	11	13	15	17
262	.41830	.41847	.41863	.41880	.41896	.41913	.41929	.41946	.41963	.41979	2	4	6	7	9	11	13	15	17
263	.41996	.42012	.42029	.42045	.42062	.42078	.42095	.42111	.42127	.42144	2	4	5	7	9	11	13	15	16
264	.42160	.42177	.42193	.42210	.42226	.42243	.42259	.42275	.42292	.42308	2	4	5	7	9	11	13	15	16
265	.42325	.42341	.42357	.42374	.42390	.42406	.42423	.42439	.42455	.42472	2	4	5	7	9	11	13	15	16
266	.42488	.42504	.42521	.42537	.42553	.42570	.42586	.42602	.42619	.42635	2	4	5	7	9	11	13	14	16
267	.42651	.42667	.42684	.42700	.42716	.42732	.42749	.42765	.42781	.42797	2	4	5	7	9	11	13	14	16
268	.42813	.42830	.42846	.42862	.42878	.42894	.42911	.42927	.42943	.42959	2	4	5	7	9	11	13	14	16
269	.42975	.42991	.43008	.43024	.43040	.43056	.43072	.43088	.43104	.43120	2	4	5	7	9	11	13	14	16
270	.43136	.43152	.43169	.43185	.43201	.43217	.43233	.43249	.43265	.43281	2	4	5	7	9	11	12	14	16
271	.43297	.43313	.43329	.43345	.43361	.43377	.43393	.43409	.43425	.43441	2	4	5	7	9	11	12	14	16
272	.43457	.43473	.43489	.43505	.43521	.43537	.43553	.43569	.43584	.43600	2	4	5	7	9	11	12	14	16
273	.43616	.43632	.43648	.43664	.43680	.43696	.43712	.43727	.43743	.43759	2	4	5	7	9	11	12	14	16
274	.43775	.43791	.43807	.43823	.43838	.43854	.43870	.43886	.43902	.43917	2	4	5	7	9	11	12	14	16
275	.43933	.43949	.43965	.43981	.43996	.44012	.44028	.44044	.44059	.44075	2	4	5	7	9	11	12	14	16
276	.44091	.44107	.44122	.44138	.44154	.44170	.44185	.44201	.44217	.44232	2	3	5	7	9	10	12	14	16
277	.44248	.44264	.44279	.44295	.44311	.44326	.44342	.44358	.44373	.44389	2	3	5	7	9	10	12	14	16
278	.44404	.44420	.44436	.44451	.44467	.44483	.44498	.44514	.44529	.44545	2	3	5	7	9	10	12	14	16
279	.44560	.44576	.44592	.44607	.44623	.44638	.44654	.44669	.44685	.44700	2	3	5	7	9	10	12	14	16
280	.44716	.44731	.44747	.44762	.44778	.44793	.44809	.44824	.44840	.44855	2	3	5	7	9	10	12	14	15
281	.44871	.44886	.44902	.44917	.44932	.44948	.44963	.44979	.44994	.45010	2	3	5	7	9	10	12	14	15
282	.45025	.45040	.45056	.45071	.45086	.45102	.45117	.45133	.45148	.45163	2	3	5	7	9	10	12	14	15
283	.45179	.45194	.45209	.45225	.45240	.45255	.45271	.45286	.45301	.45317	2	3	5	7	9	10	12	14	15
284	.45332	.45347	.45362	.45378	.45393	.45408	.45423	.45439	.45454	.45469	2	3	5	7	8	10	12	14	15
285	.45484	.45500	.45515	.45530	.45545	.45561	.45576	.45591	.45606	.45621	2	3	5	7	8	10	12	14	15
286	.45637	.45652	.45667	.45682	.45697	.45712	.45728	.45743	.45758	.45773	2	3	5	7	8	10	12	13	15
287	.45788	.45803	.45818	.45834	.45849	.45864	.45879	.45894	.45909	.45924	2	3	5	7	8	10	12	13	15
288	.45939	.45954	.45969	.45984	.46000	.46015	.46030	.46045	.46060	.46075	2	3	5	7	8	10	12	13	15
289	.46090	.46105	.46120	.46135	.46150	.46165	.46180	.46195	.46210	.46225	2	3	5	7	8	10	12	13	15
290	.46240	.46255	.46270	.46285	.46300	.46315	.46330	.46345	.46359	.46374	2	3	5	7	8	10	12	13	15
291	.46389	.46404	.46419	.46434	.46449	.46464	.46479	.46494	.46509	.46523	2	3	5	7	8	10	12	13	15
292	.46538	.46553	.46568	.46583	.46598	.46613	.46627	.46642	.46657	.46672	2	3	5	7	8	10	12	13	15
293	.46687	.46702	.46716	.46731	.46746	.46761	.46776	.46790	.46805	.46820	2	3	5	7	8	10	12	13	15
294	.46835	.46850	.46864	.46879	.46894	.46909	.46923	.46938	.46953	.46967	2	3	5	7	8	10	11	13	15
295	.46982	.46997	.47012	.47026	.47041	.47056	.47070	.47085	.47100	.47114	2	3	5	7	8	10	11	13	15
296	.47129	.47144	.47159	.47173	.47188	.47202	.47217	.47232	.47246	.47261	2	3	5	7	8	10	11	13	15
297	.47276	.47290	.47305	.47319	.47334	.47349	.47363	.47378	.47392	.47407	2	3	5	6	8	10	11	13	15
298	.47422	.47436	.47451	.47465	.47480	.47494	.47509	.47524	.47538	.47553	2	3	5	6	8	10	11	13	15
299	.47567	.47582	.47596	.47611	.47625	.47640	.47654	.47669	.47683	.47698	2	3	5	6	8	10	11	13	15
300	.47712	.47727	.47741	.47756	.47770	.47784	.47799	.47813	.47828	.47842	2	3	5	6	8	10	11	13	14
301	.47857	.47871	.47885	.47900	.47914	.47929	.47943	.47958	.47972	.47986	2	3	5	6	8	10	11	13	14
302	.48001	.48015	.48029	.48044	.48058	.48073	.48087	.48101	.48116	.48130	2	3	5	6	8	10	11	13	14
303	.48144	.48159	.48173	.48187	.48202	.48216	.48230	.48244	.48259	.48273	2	3	5	6	8	10	11	13	14

## Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
304	.48287	.48302	.48316	.48330	.48344	.48359	.48373	.48387	.48401	.48416	2	3	5	6	8	10	11	13	14
305	.48430	.48444	.48458	.48473	.48487	.48501	.48515	.48530	.48544	.48558	2	3	5	6	8	9	11	13	14
306	.48572	.48586	.48601	.48615	.48629	.48643	.48657	.48671	.48686	.48700	2	3	5	6	8	9	11	13	14
307	.48714	.48728	.48742	.48756	.48770	.48785	.48799	.48813	.48827	.48841	2	3	5	6	8	9	11	13	14
308	.48855	.48869	.48883	.48897	.48911	.48926	.48940	.48954	.48968	.48982	2	3	5	6	8	9	11	13	14
309	.48996	.49010	.49024	.49038	.49052	.49066	.49080	.49094	.49108	.49122	2	3	5	6	8	9	11	12	14
310	.49136	.49150	.49164	.49178	.49192	.49206	.49220	.49234	.49248	.49262	2	3	5	6	8	9	11	12	14
311	.49276	.49290	.49304	.49318	.49332	.49346	.49360	.49374	.49388	.49402	2	3	5	6	8	9	11	12	14
312	.49415	.49429	.49443	.49457	.49471	.49485	.49499	.49513	.49527	.49541	2	3	5	6	8	9	11	12	14
313	.49554	.49568	.49582	.49596	.49610	.49624	.49638	.49651	.49665	.49679	2	3	5	6	8	9	11	12	14
314	.49693	.49707	.49721	.49734	.49748	.49762	.49776	.49790	.49803	.49817	2	3	5	6	8	9	11	12	14
315	.49831	.49845	.49859	.49872	.49886	.49900	.49914	.49927	.49941	.49955	2	3	5	6	8	9	11	12	14
316	.49969	.49982	.49996	.50010	.50024	.50037	.50051	.50065	.50079	.50092	2	3	5	6	8	9	11	12	14
317	.50106	.50120	.50133	.50147	.50161	.50174	.50188	.50202	.50215	.50229	2	3	5	6	8	9	11	12	14
318	.50243	.50256	.50270	.50284	.50297	.50311	.50325	.50338	.50352	.50365	2	3	5	6	8	9	11	12	14
319	.50379	.50393	.50406	.50420	.50433	.50447	.50461	.50474	.50488	.50501	2	3	5	6	8	9	11	12	14
320	.50515	.50529	.50542	.50556	.50569	.50583	.50596	.50610	.50623	.50637	2	3	5	6	8	9	11	12	14
321	.50651	.50664	.50678	.50691	.50705	.50718	.50732	.50745	.50759	.50772	2	3	5	6	8	9	11	12	14
322	.50786	.50799	.50813	.50826	.50840	.50853	.50866	.50880	.50893	.50907	1	3	4	6	7	9	10	12	13
323	.50920	.50934	.50947	.50961	.50974	.50987	.51001	.51014	.51028	.51041	1	3	4	6	7	9	10	12	13
324	.51055	.51068	.51081	.51095	.51108	.51121	.51135	.51148	.51162	.51175	1	3	4	6	7	9	10	12	13
325	.51188	.51202	.51215	.51228	.51242	.51255	.51268	.51282	.51295	.51308	1	3	4	6	7	9	10	12	13
326	.51322	.51335	.51348	.51362	.51375	.51388	.51402	.51415	.51428	.51441	1	3	4	6	7	9	10	12	13
327	.51455	.51468	.51481	.51495	.51508	.51521	.51534	.51548	.51561	.51574	1	3	4	6	7	9	10	12	13
328	.51587	.51601	.51614	.51627	.51640	.51654	.51667	.51680	.51693	.51706	1	3	4	6	7	9	10	12	13
329	.51720	.51733	.51746	.51759	.51772	.51786	.51799	.51812	.51825	.51838	1	3	4	6	7	9	10	12	13
330	.51851	.51865	.51878	.51891	.51904	.51917	.51930	.51943	.51957	.51970	1	3	4	6	7	9	10	12	13
331	.51983	.51996	.52009	.52022	.52035	.52048	.52061	.52075	.52088	.52101	1	3	4	6	7	9	10	12	13
332	.52114	.52127	.52140	.52153	.52166	.52179	.52192	.52205	.52218	.52231	1	3	4	6	7	9	10	12	13
333	.52244	.52257	.52270	.52284	.52297	.52310	.52323	.52336	.52349	.52362	1	3	4	6	7	9	10	12	13
334	.52375	.52388	.52401	.52414	.52427	.52440	.52453	.52466	.52479	.52492	1	3	4	6	7	9	10	12	13
335	.52504	.52517	.52530	.52543	.52556	.52569	.52582	.52595	.52608	.52621	1	3	4	6	7	9	10	12	13
336	.52634	.52647	.52660	.52673	.52686	.52699	.52711	.52724	.52737	.52750	1	3	4	6	7	9	10	11	13
337	.52763	.52776	.52789	.52802	.52815	.52827	.52840	.52853	.52866	.52879	1	3	4	6	7	9	10	11	13
338	.52892	.52905	.52917	.52930	.52943	.52956	.52969	.52982	.52994	.53007	1	3	4	6	7	9	10	11	13
339	.53020	.53033	.53046	.53058	.53071	.53084	.53097	.53110	.53122	.53135	1	3	4	6	7	9	10	11	13
340	.53148	.53161	.53173	.53186	.53199	.53212	.53224	.53237	.53250	.53263	1	3	4	6	7	9	10	11	13
341	.53275	.53288	.53301	.53314	.53326	.53339	.53352	.53364	.53377	.53390	1	3	4	6	7	8	10	11	13
342	.53403	.53415	.53428	.53441	.53453	.53466	.53479	.53491	.53504	.53517	1	3	4	6	7	8	10	11	13
343	.53529	.53542	.53555	.53567	.53580	.53593	.53605	.53618	.53631	.53643	1	3	4	6	7	8	10	11	13
344	.53656	.53668	.53681	.53694	.53706	.53719	.53732	.53744	.53757	.53769	1	3	4	6	7	8	10	11	13
345	.53782	.53794	.53807	.53820	.53832	.53845	.53857	.53870	.53882	.53895	1	3	4	6	7	8	10	11	13
346	.53908	.53920	.53933	.53945	.53958	.53970	.53983	.53995	.54008	.54020	1	3	4	6	7	8	10	11	13
347	.54033	.54045	.54058	.54070	.54083	.54095	.54108	.54120	.54133	.54145	1	3	4	6	7	8	10	11	12
348	.54158	.54170	.54183	.54195	.54208	.54220	.54233	.54245	.54258	.54270	1	3	4	6	7	8	10	11	12
349	.54283	.54295	.54307	.54320	.54332	.54345	.54357	.54370	.54382	.54394	1	3	4	6	7	8	10	11	12
350	.54407	.54419	.54432	.54444	.54456	.54469	.54481	.54494	.54506	.54518	1	3	4	6	7	8	10	11	12
351	.54531	.54543	.54555	.54568	.54580	.54593	.54605	.54617	.54630	.54642	1	3	4	5	7	8	10	11	12
352	.54654	.54667	.54679	.54691	.54704	.54716	.54728	.54741	.54753	.54765	1	3	4	5	7	8	10	11	12
353	.54777	.54790	.54802	.54814	.54827	.54839	.54851	.54864	.54876	.54888	1	3	4	5	7	8	10	11	12
354	.54900	.54913	.54925	.54937	.54949	.54962	.54974	.54986	.54998	.55011	1	3	4	5	7	8	10	11	12

Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
355	.55023	.55035	.55047	.55060	.55072	.55084	.55096	.55108	.55121	.55133	1	3	4	5	7	8	10	11	12
356	.55145	.55157	.55169	.55182	.55194	.55206	.55218	.55230	.55242	.55255	1	3	4	5	7	8	9	11	12
357	.55267	.55279	.55291	.55303	.55315	.55328	.55340	.55352	.55364	.55376	1	3	4	5	7	8	9	11	12
358	.55388	.55400	.55413	.55425	.55437	.55449	.55461	.55473	.55485	.55497	1	3	4	5	7	8	9	11	12
359	.55509	.55522	.55534	.55546	.55558	.55570	.55582	.55594	.55606	.55618	1	3	4	5	7	8	9	11	12
360	.55630	.55642	.55654	.55666	.55678	.55691	.55703	.55715	.55727	.55739	1	3	4	5	7	8	9	11	12
361	.55751	.55763	.55775	.55787	.55799	.55811	.55823	.55835	.55847	.55859	1	3	4	5	7	8	9	11	12
362	.55871	.55883	.55895	.55907	.55919	.55931	.55943	.55955	.55967	.55979	1	3	4	5	7	8	9	11	12
363	.55991	.56003	.56015	.56027	.56038	.56050	.56062	.56074	.56086	.56098	1	3	4	5	7	8	9	11	12
364	.56110	.56122	.56134	.56146	.56158	.56170	.56182	.56194	.56205	.56217	1	3	4	5	7	8	9	11	12
365	.56229	.56241	.56253	.56265	.56277	.56289	.56301	.56312	.56324	.56336	1	3	4	5	7	8	9	11	12
366	.56348	.56360	.56372	.56384	.56396	.56407	.56419	.56431	.56443	.56455	1	3	4	5	7	8	9	11	12
367	.56467	.56478	.56490	.56502	.56514	.56526	.56538	.56549	.56561	.56573	1	3	4	5	7	8	9	11	12
368	.56585	.56597	.56608	.56620	.56632	.56644	.56656	.56667	.56679	.56691	1	3	4	5	7	8	9	10	12
369	.56703	.56714	.56726	.56738	.56750	.56761	.56773	.56785	.56797	.56808	1	3	4	5	7	8	9	10	12
370	.56820	.56832	.56844	.56855	.56867	.56879	.56891	.56902	.56914	.56926	1	3	4	5	7	8	9	10	12
371	.56937	.56949	.56961	.56972	.56984	.56996	.57008	.57019	.57031	.57043	1	3	4	5	6	8	9	10	12
372	.57054	.57066	.57078	.57089	.57101	.57113	.57124	.57136	.57148	.57159	1	3	4	5	6	8	9	10	12
373	.57171	.57183	.57194	.57206	.57217	.57229	.57241	.57252	.57264	.57276	1	3	4	5	6	8	9	10	12
374	.57287	.57299	.57310	.57322	.57334	.57345	.57357	.57368	.57380	.57392	1	3	4	5	6	8	9	10	12
375	.57403	.57415	.57426	.57438	.57449	.57461	.57473	.57484	.57496	.57507	1	3	4	5	6	8	9	10	12
376	.57519	.57530	.57542	.57553	.57565	.57576	.57588	.57600	.57611	.57623	1	3	4	5	6	8	9	10	12
377	.57634	.57646	.57657	.57669	.57680	.57692	.57703	.57715	.57726	.57738	1	3	4	5	6	8	9	10	12
378	.57749	.57761	.57772	.57784	.57795	.57807	.57818	.57830	.57841	.57852	1	3	4	5	6	8	9	10	11
379	.57864	.57875	.57887	.57898	.57910	.57921	.57933	.57944	.57955	.57967	1	3	4	5	6	8	9	10	11
380	.57978	.57990	.58001	.58013	.58024	.58035	.58047	.58058	.58070	.58081	1	3	4	5	6	8	9	10	11
381	.58092	.58104	.58115	.58127	.58138	.58149	.58161	.58172	.58184	.58195	1	3	4	5	6	8	9	10	11
382	.58206	.58218	.58229	.58240	.58252	.58263	.58274	.58286	.58297	.58309	1	3	4	5	6	8	9	10	11
383	.58320	.58331	.58343	.58354	.58365	.58377	.58388	.58399	.58410	.58422	1	3	4	5	6	8	9	10	11
384	.58433	.58444	.58456	.58467	.58478	.58490	.58501	.58512	.58524	.58535	1	3	4	5	6	8	9	10	11
385	.58546	.58557	.58569	.58580	.58591	.58602	.58614	.58625	.58636	.58647	1	3	4	5	6	8	9	10	11
386	.58659	.58670	.58681	.58692	.58704	.58715	.58726	.58737	.58749	.58760	1	2	4	5	6	7	9	10	11
387	.58771	.58782	.58794	.58805	.58816	.58827	.58838	.58850	.58861	.58872	1	2	4	5	6	7	9	10	11
388	.58883	.58894	.58906	.58917	.58928	.58939	.58950	.58961	.58973	.58984	1	2	4	5	6	7	9	10	11
389	.58995	.59006	.59017	.59028	.59040	.59051	.59062	.59073	.59084	.59095	1	2	4	5	6	7	9	10	11
390	.59106	.59118	.59129	.59140	.59151	.59162	.59173	.59184	.59195	.59207	1	2	4	5	6	7	9	10	11
391	.59218	.59229	.59240	.59251	.59262	.59273	.59284	.59295	.59306	.59318	1	2	4	5	6	7	9	10	11
392	.59329	.59340	.59351	.59362	.59373	.59384	.59395	.59406	.59417	.59428	1	2	4	5	6	7	9	10	11
393	.59439	.59450	.59461	.59472	.59483	.59494	.59506	.59517	.59528	.59539	1	2	4	5	6	7	9	10	11
394	.59550	.59561	.59572	.59583	.59594	.59605	.59616	.59627	.59638	.59649	1	2	4	5	6	7	9	10	11
395	.59660	.59671	.59682	.59693	.59704	.59715	.59726	.59737	.59748	.59759	1	2	4	5	6	7	9	10	11
396	.59770	.59780	.59791	.59802	.59813	.59824	.59835	.59846	.59857	.59868	1	2	4	5	6	7	9	10	11
397	.59879	.59890	.59901	.59912	.59923	.59934	.59945	.59956	.59966	.59977	1	2	4	5	6	7	8	10	11
398	.59988	.59999	.60010	.60021	.60032	.60043	.60054	.60065	.60076	.60086	1	2	4	5	6	7	8	10	11
399	.60097	.60108	.60119	.60130	.60141	.60152	.60163	.60173	.60184	.60195	1	2	4	5	6	7	8	10	11
400	.60206	.60217	.60228	.60239	.60249	.60260	.60271	.60282	.60293	.60304	1	2	4	5	6	7	8	10	11
401	.60314	.60325	.60336	.60347	.60358	.60369	.60379	.60390	.60401	.60412	1	2	4	5	6	7	8	10	11
402	.60423	.60433	.60444	.60455	.60466	.60477	.60487	.60498	.60509	.60520	1	2	4	5	6	7	8	10	11
403	.60531	.60541	.60552	.60563	.60574	.60584	.60595	.60606	.60617	.60627	1	2	4	5	6	7	8	10	11
404	.60638	.60649	.60660	.60670	.60681	.60692	.60703	.60713	.60724	.60735	1	2	4	5	6	7	8	10	11
405	.60746	.60756	.60767	.60778	.60788	.60799	.60810	.60821	.60831	.60842	1	2	4	5	6	7	8	10	11

Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
406	.60853	.60863	.60874	.60885	.60895	.60906	.60917	.60927	.60938	.60949	1	2	4	5	6	7	8	9	11
407	.60959	.60970	.60981	.60991	.61002	.61013	.61023	.61034	.61045	.61055	1	2	4	5	6	7	8	9	11
408	.61066	.61077	.61087	.61098	.61109	.61119	.61130	.61140	.61151	.61162	1	2	4	5	6	7	8	9	11
409	.61172	.61183	.61194	.61204	.61215	.61225	.61236	.61247	.61257	.61268	1	2	4	5	6	7	8	9	11
410	.61278	.61289	.61300	.61310	.61321	.61331	.61342	.61352	.61363	.61374	1	2	4	5	6	7	8	9	11
411	.61384	.61395	.61405	.61416	.61426	.61437	.61448	.61458	.61469	.61479	1	2	4	5	6	7	8	9	11
412	.61490	.61500	.61511	.61521	.61532	.61542	.61553	.61563	.61574	.61584	1	2	4	5	6	7	8	9	11
413	.61595	.61606	.61616	.61627	.61637	.61648	.61658	.61669	.61679	.61690	1	2	4	5	6	7	8	9	11
414	.61700	.61711	.61721	.61731	.61742	.61752	.61763	.61773	.61784	.61794	1	2	3	5	6	7	8	9	10
415	.61805	.61815	.61826	.61836	.61847	.61857	.61868	.61878	.61888	.61899	1	2	3	5	6	7	8	9	10
416	.61909	.61920	.61930	.61941	.61951	.61962	.61972	.61982	.61993	.62003	1	2	3	5	6	7	8	9	10
417	.62014	.62024	.62034	.62045	.62055	.62066	.62076	.62086	.62097	.62107	1	2	3	5	6	7	8	9	10
418	.62118	.62128	.62138	.62149	.62159	.62170	.62180	.62190	.62201	.62211	1	2	3	5	6	7	8	9	10
419	.62221	.62232	.62242	.62252	.62263	.62273	.62284	.62294	.62304	.62315	1	2	3	5	6	7	8	9	10
420	.62325	.62335	.62346	.62356	.62366	.62377	.62387	.62397	.62408	.62418	1	2	3	5	6	7	8	9	10
421	.62428	.62439	.62449	.62459	.62469	.62480	.62490	.62500	.62511	.62521	1	2	3	5	6	7	8	9	10
422	.62531	.62542	.62552	.62562	.62572	.62583	.62593	.62603	.62613	.62624	1	2	3	5	6	7	8	9	10
423	.62634	.62644	.62655	.62665	.62675	.62685	.62696	.62706	.62716	.62726	1	2	3	5	6	7	8	9	10
424	.62737	.62747	.62757	.62767	.62778	.62788	.62798	.62808	.62818	.62829	1	2	3	5	6	7	8	9	10
425	.62839	.62849	.62859	.62870	.62880	.62890	.62900	.62910	.62921	.62931	1	2	3	5	6	7	8	9	10
426	.62941	.62951	.62961	.62972	.62982	.62992	.63002	.63012	.63022	.63033	1	2	3	5	6	7	8	9	10
427	.63043	.63053	.63063	.63073	.63083	.63094	.63104	.63114	.63124	.63134	1	2	3	5	6	7	8	9	10
428	.63144	.63155	.63165	.63175	.63185	.63195	.63205	.63215	.63225	.63236	1	2	3	5	6	7	8	9	10
429	.63246	.63256	.63266	.63276	.63286	.63296	.63306	.63317	.63327	.63337	1	2	3	4	6	7	8	9	10
430	.63347	.63357	.63367	.63377	.63387	.63397	.63407	.63417	.63428	.63438	1	2	3	4	6	7	8	9	10
431	.63448	.63458	.63468	.63478	.63488	.63498	.63508	.63518	.63528	.63538	1	2	3	4	6	7	8	9	10
432	.63548	.63558	.63568	.63579	.63589	.63599	.63609	.63619	.63629	.63639	1	2	3	4	6	7	8	9	10
433	.63649	.63659	.63669	.63679	.63689	.63699	.63709	.63719	.63729	.63739	1	2	3	4	6	7	8	9	10
434	.63749	.63759	.63769	.63779	.63789	.63799	.63809	.63819	.63829	.63839	1	2	3	4	6	7	8	9	10
435	.63849	.63859	.63869	.63879	.63889	.63899	.63909	.63919	.63929	.63939	1	2	3	4	6	7	8	9	10
436	.63949	.63959	.63969	.63979	.63988	.63998	.64008	.64018	.64028	.64038	1	2	3	4	6	7	8	9	10
437	.64048	.64058	.64068	.64078	.64088	.64098	.64108	.64118	.64128	.64137	1	2	3	4	6	7	8	9	10
438	.64147	.64157	.64167	.64177	.64187	.64197	.64207	.64217	.64227	.64237	1	2	3	4	6	7	8	9	10
439	.64246	.64256	.64266	.64276	.64286	.64296	.64306	.64316	.64326	.64335	1	2	3	4	5	7	8	9	10
440	.64345	.64355	.64365	.64375	.64385	.64395	.64404	.64414	.64424	.64434	1	2	3	4	5	7	8	9	10
441	.64444	.64454	.64464	.64473	.64483	.64493	.64503	.64513	.64523	.64532	1	2	3	4	5	7	8	9	10
442	.64542	.64552	.64562	.64572	.64582	.64591	.64601	.64611	.64621	.64631	1	2	3	4	5	7	8	9	10
443	.64640	.64650	.64660	.64670	.64680	.64689	.64699	.64709	.64719	.64729	1	2	3	4	5	7	8	9	10
444	.64738	.64748	.64758	.64768	.64777	.64787	.64797	.64807	.64816	.64826	1	2	3	4	5	7	8	9	10
445	.64836	.64846	.64856	.64865	.64875	.64885	.64895	.64904	.64914	.64924	1	2	3	4	5	6	8	9	10
446	.64933	.64943	.64953	.64963	.64972	.64982	.64992	.65002	.65011	.65021	1	2	3	4	5	6	8	9	10
447	.65031	.65040	.65050	.65060	.65070	.65079	.65089	.65099	.65108	.65118	1	2	3	4	5	6	8	9	10
448	.65128	.65137	.65147	.65157	.65167	.65176	.65186	.65196	.65205	.65215	1	2	3	4	5	6	8	9	10
449	.65225	.65234	.65244	.65254	.65263	.65273	.65283	.65292	.65302	.65312	1	2	3	4	5	6	8	9	10
450	.65321	.65331	.65341	.65350	.65360	.65369	.65379	.65389	.65398	.65408	1	2	3	4	5	6	7	9	10
451	.65418	.65427	.65437	.65447	.65456	.65466	.65475	.65485	.65495	.65504	1	2	3	4	5	6	7	9	10
452	.65514	.65523	.65533	.65543	.65552	.65562	.65571	.65581	.65591	.65600	1	2	3	4	5	6	7	9	10
453	.65610	.65619	.65629	.65639	.65648	.65658	.65667	.65677	.65686	.65696	1	2	3	4	5	6	7	9	10
454	.65706	.65715	.65725	.65734	.65744	.65753	.65763	.65772	.65782	.65792	1	2	3	4	5	6	7	8	10
455	.65801	.65811	.65820	.65830	.65839	.65849	.65858	.65868	.65877	.65887	1	2	3	4	5	6	7	8	10
456	.65896	.65906	.65916	.65925	.65935	.65944	.65954	.65963	.65973	.65982	1	2	3	4	5	6	7	8	10

Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
457	.65992	.66001	.66011	.66020	.66030	.66039	.66049	.66058	.66068	.66077	1	2	3	4	5	6	7	8	9
458	.66087	.66096	.66106	.66115	.66124	.66134	.66143	.66153	.66162	.66172	1	2	3	4	5	6	7	8	9
459	.66181	.66191	.66200	.66210	.66219	.66229	.66238	.66247	.66257	.66266	1	2	3	4	5	6	7	8	9
460	.66276	.66285	.66295	.66304	.66314	.66323	.66332	.66342	.66351	.66361	1	2	3	4	5	6	7	8	9
461	.66370	.66380	.66389	.66398	.66408	.66417	.66427	.66436	.66445	.66455	1	2	3	4	5	6	7	8	9
462	.66464	.66474	.66483	.66492	.66502	.66511	.66521	.66530	.66539	.66549	1	2	3	4	5	6	7	8	9
463	.66558	.66567	.66577	.66586	.66596	.66605	.66614	.66624	.66633	.66642	1	2	3	4	5	6	7	8	9
464	.66652	.66661	.66671	.66680	.66689	.66699	.66708	.66717	.66727	.66736	1	2	3	4	5	6	7	8	9
465	.66745	.66755	.66764	.66773	.66783	.66792	.66801	.66811	.66820	.66829	1	2	3	4	5	6	7	8	9
466	.66839	.66848	.66857	.66867	.66876	.66885	.66894	.66904	.66913	.66922	1	2	3	4	5	6	7	8	9
467	.66932	.66941	.66950	.66960	.66969	.66978	.66987	.66997	.67006	.67015	1	2	3	4	5	6	7	8	9
468	.67025	.67034	.67043	.67052	.67062	.67071	.67080	.67089	.67099	.67108	1	2	3	4	5	6	7	8	9
469	.67117	.67127	.67136	.67145	.67154	.67164	.67173	.67182	.67191	.67201	1	2	3	4	5	6	7	8	9
470	.67210	.67219	.67228	.67237	.67247	.67256	.67265	.67274	.67284	.67293	1	2	3	4	5	6	7	8	9
471	.67302	.67311	.67321	.67330	.67339	.67348	.67357	.67367	.67376	.67385	1	2	3	4	5	6	7	8	9
472	.67394	.67403	.67413	.67422	.67431	.67440	.67449	.67459	.67468	.67477	1	2	3	4	5	6	7	8	9
473	.67486	.67495	.67504	.67514	.67523	.67532	.67541	.67550	.67560	.67569	1	2	3	4	5	6	7	8	9
474	.67578	.67587	.67596	.67605	.67614	.67624	.67633	.67642	.67651	.67660	1	2	3	4	5	6	7	8	9
475	.67669	.67679	.67688	.67697	.67706	.67715	.67724	.67733	.67742	.67752	1	2	3	4	5	6	7	8	9
476	.67761	.67770	.67779	.67788	.67797	.67806	.67815	.67825	.67834	.67843	1	2	3	4	5	6	7	8	9
477	.67852	.67861	.67870	.67879	.67888	.67897	.67906	.67916	.67925	.67934	1	2	3	4	5	6	7	8	9
478	.67943	.67952	.67961	.67970	.67979	.67988	.67997	.68006	.68015	.68024	1	2	3	4	5	6	7	8	9
479	.68034	.68043	.68052	.68061	.68070	.68079	.68088	.68097	.68106	.68115	1	2	3	4	5	6	7	8	9
480	.68124	.68133	.68142	.68151	.68160	.68169	.68178	.68187	.68196	.68205	1	2	3	4	5	6	7	8	9
481	.68215	.68224	.68233	.68242	.68251	.68260	.68269	.68278	.68287	.68296	1	2	3	4	5	6	7	8	9
482	.68305	.68314	.68323	.68332	.68341	.68350	.68359	.68368	.68377	.68386	1	2	3	4	5	6	7	8	9
483	.68395	.68404	.68413	.68422	.68431	.68440	.68449	.68458	.68467	.68476	1	2	3	4	5	6	7	8	9
484	.68485	.68494	.68502	.68511	.68520	.68529	.68538	.68547	.68556	.68565	1	2	3	4	5	6	7	8	9
485	.68574	.68583	.68592	.68601	.68610	.68619	.68628	.68637	.68646	.68655	1	2	3	4	5	6	7	8	9
486	.68664	.68673	.68681	.68690	.68699	.68708	.68717	.68726	.68735	.68744	1	2	3	4	5	6	7	8	9
487	.68753	.68762	.68771	.68780	.68789	.68797	.68806	.68815	.68824	.68833	1	2	3	4	5	6	7	8	9
488	.68842	.68851	.68860	.68869	.68878	.68886	.68895	.68904	.68913	.68922	1	2	3	4	5	6	7	8	9
489	.68931	.68940	.68949	.68958	.68966	.68975	.68984	.68993	.69002	.69011	1	2	3	4	5	6	7	8	9
490	.69020	.69028	.69037	.69046	.69055	.69064	.69073	.69082	.69090	.69099	1	2	3	4	5	6	7	8	9
491	.69108	.69117	.69126	.69135	.69144	.69152	.69161	.69170	.69179	.69188	1	2	3	4	5	6	7	8	9
492	.69197	.69205	.69214	.69223	.69232	.69241	.69249	.69258	.69267	.69276	1	2	3	4	5	6	7	8	9
493	.69285	.69294	.69302	.69311	.69320	.69329	.69338	.69346	.69355	.69364	1	2	3	4	5	6	7	8	9
494	.69373	.69381	.69390	.69399	.69408	.69417	.69425	.69434	.69443	.69452	1	2	3	4	5	6	7	8	9
495	.69461	.69469	.69478	.69487	.69496	.69504	.69513	.69522	.69531	.69539	1	2	3	4	5	6	7	8	9
496	.69548	.69557	.69566	.69574	.69583	.69592	.69601	.69609	.69618	.69627	1	2	3	4	5	6	7	8	9
497	.69636	.69644	.69653	.69662	.69671	.69679	.69688	.69697	.69705	.69714	1	2	3	4	5	6	7	8	9
498	.69723	.69732	.69740	.69749	.69758	.69767	.69775	.69784	.69793	.69801	1	2	3	4	5	6	7	8	9
499	.69810	.69819	.69827	.69836	.69845	.69854	.69862	.69871	.69880	.69888	1	2	3	4	5	6	7	8	9
500	.69897	.69906	.69914	.69923	.69932	.69940	.69949	.69958	.69966	.69975	1	2	3	4	5	6	7	8	9
501	.69984	.69992	.70001	.70010	.70018	.70027	.70036	.70044	.70053	.70062	1	2	3	4	5	6	7	8	9
502	.70070	.70079	.70088	.70096	.70105	.70114	.70122	.70131	.70140	.70148	1	2	3	4	5	6	7	8	9
503	.70157	.70165	.70174	.70183	.70191	.70200	.70209	.70217	.70226	.70234	1	2	3	4	5	6	7	8	9
504	.70243	.70252	.70260	.70269	.70278	.70286	.70295	.70303	.70312	.70321	1	2	3	4	5	6	7	8	9
505	.70329	.70338	.70346	.70355	.70364	.70372	.70381	.70389	.70398	.70406	1	2	3	4	5	6	7	8	9
506	.70415	.70424	.70432	.70441	.70449	.70458	.70467	.70475	.70484	.70492	1	2	3	4	5	6	7	8	9
507	.70501	.70509	.70518	.70526	.70535	.70544	.70552	.70561	.70569	.70578	1	2	3	4	5	6	7	8	9

Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
508	.70586	.70595	.70603	.70612	.70621	.70629	.70638	.70646	.70655	.70663	1	2	3	4	5	6	7	8	9
509	.70672	.70680	.70689	.70697	.70706	.70714	.70723	.70731	.70740	.70749	1	2	3	4	5	6	7	8	9
510	.70757	.70766	.70774	.70783	.70791	.70800	.70808	.70817	.70825	.70834	1	2	3	4	5	6	7	8	9
511	.70842	.70851	.70859	.70868	.70876	.70885	.70893	.70902	.70910	.70919	1	2	3	4	5	6	7	8	8
512	.70927	.70935	.70944	.70952	.70961	.70969	.70978	.70986	.70995	.71003	1	2	3	4	5	6	7	8	8
513	.71012	.71020	.71029	.71037	.71046	.71054	.71063	.71071	.71079	.71088	1	2	3	4	5	6	7	8	8
514	.71096	.71105	.71113	.71122	.71130	.71139	.71147	.71155	.71164	.71172	1	2	3	4	5	6	7	8	8
515	.71181	.71189	.71198	.71206	.71214	.71223	.71231	.71240	.71248	.71257	1	2	3	4	5	6	7	7	8
516	.71265	.71273	.71282	.71290	.71299	.71307	.71315	.71324	.71332	.71341	1	2	3	4	5	6	7	7	8
517	.71349	.71357	.71366	.71374	.71383	.71391	.71399	.71408	.71416	.71425	1	2	3	4	5	6	7	7	8
518	.71433	.71441	.71450	.71458	.71466	.71475	.71483	.71492	.71500	.71508	1	2	3	4	5	6	7	7	8
519	.71517	.71525	.71533	.71542	.71550	.71559	.71567	.71575	.71584	.71592	1	2	3	4	5	6	7	7	8
520	.71600	.71609	.71617	.71625	.71634	.71642	.71650	.71659	.71667	.71675	1	2	3	4	5	6	6	7	8
521	.71684	.71692	.71700	.71709	.71717	.71725	.71734	.71742	.71750	.71759	1	2	3	4	5	6	6	7	8
522	.71767	.71775	.71784	.71792	.71800	.71809	.71817	.71825	.71834	.71842	1	2	3	4	5	6	6	7	8
523	.71850	.71858	.71867	.71875	.71883	.71892	.71900	.71908	.71917	.71925	1	2	3	4	5	6	6	7	8
524	.71933	.71941	.71950	.71958	.71966	.71975	.71983	.71991	.71999	.72008	1	2	3	4	5	6	6	7	8
525	.72016	.72024	.72032	.72041	.72049	.72057	.72066	.72074	.72082	.72090	1	2	3	4	5	6	6	7	8
526	.72099	.72107	.72115	.72123	.72132	.72140	.72148	.72156	.72165	.72173	1	2	3	4	5	5	6	7	8
527	.72181	.72189	.72198	.72206	.72214	.72222	.72230	.72239	.72247	.72255	1	2	3	4	5	5	6	7	8
528	.72263	.72272	.72280	.72288	.72296	.72304	.72313	.72321	.72329	.72337	1	2	3	4	5	5	6	7	8
529	.72346	.72354	.72362	.72370	.72378	.72387	.72395	.72403	.72411	.72419	1	2	3	4	5	5	6	7	8
530	.72428	.72436	.72444	.72452	.72460	.72469	.72477	.72485	.72493	.72501	1	2	3	4	5	5	6	7	8
531	.72509	.72518	.72526	.72534	.72542	.72550	.72558	.72567	.72575	.72583	1	2	3	4	5	5	6	7	8
532	.72591	.72599	.72607	.72616	.72624	.72632	.72640	.72648	.72656	.72665	1	2	3	4	5	5	6	7	8
533	.72673	.72681	.72689	.72697	.72705	.72713	.72722	.72730	.72738	.72746	1	2	3	4	5	5	6	7	8
534	.72754	.72762	.72770	.72779	.72787	.72795	.72803	.72811	.72819	.72827	1	2	3	4	5	5	6	7	8
535	.72835	.72843	.72852	.72860	.72868	.72876	.72884	.72892	.72900	.72908	1	2	3	4	5	5	6	7	8
536	.72916	.72925	.72933	.72941	.72949	.72957	.72965	.72973	.72981	.72989	1	2	3	4	4	5	6	7	8
537	.72997	.73006	.73014	.73022	.73030	.73038	.73046	.73054	.73062	.73070	1	2	3	4	4	5	6	7	8
538	.73078	.73086	.73094	.73102	.73111	.73119	.73127	.73135	.73143	.73151	1	2	3	4	4	5	6	7	8
539	.73159	.73167	.73175	.73183	.73191	.73199	.73207	.73215	.73223	.73231	1	2	3	4	4	5	6	7	8
540	.73239	.73247	.73255	.73263	.73272	.73280	.73288	.73296	.73304	.73312	1	2	3	4	4	5	6	7	8
541	.73320	.73328	.73336	.73344	.73352	.73360	.73368	.73376	.73384	.73392	1	2	3	4	4	5	6	7	8
542	.73400	.73408	.73416	.73424	.73432	.73440	.73448	.73456	.73464	.73472	1	2	3	4	4	5	6	7	8
543	.73480	.73488	.73496	.73504	.73512	.73520	.73528	.73536	.73544	.73552	1	2	3	4	4	5	6	7	8
544	.73560	.73568	.73576	.73584	.73592	.73600	.73608	.73616	.73624	.73632	1	2	3	4	4	5	6	7	8
545	.73640	.73648	.73656	.73664	.73672	.73679	.73687	.73695	.73703	.73711	1	2	3	4	4	5	6	7	8
546	.73719	.73727	.73735	.73743	.73751	.73759	.73767	.73775	.73783	.73791	1	2	3	4	4	5	6	7	8
547	.73799	.73807	.73815	.73823	.73830	.73838	.73846	.73854	.73862	.73870	1	2	3	4	4	5	6	7	8
548	.73878	.73886	.73894	.73902	.73910	.73918	.73926	.73933	.73941	.73949	1	2	3	4	4	5	6	7	8
549	.73957	.73965	.73973	.73981	.73989	.73997	.74005	.74013	.74020	.74028	1	2	3	4	4	5	6	7	8
550	.74036	.74044	.74052	.74060	.74068	.74076	.74084	.74092	.74099	.74107	1	2	3	4	4	5	6	7	8
551	.74115	.74123	.74131	.74139	.74147	.74155	.74162	.74170	.74178	.74186	1	2	3	4	4	5	6	7	8
552	.74194	.74202	.74210	.74218	.74225	.74233	.74241	.74249	.74257	.74265	1	2	3	3	4	5	6	7	8
553	.74273	.74280	.74288	.74296	.74304	.74312	.74320	.74327	.74335	.74343	1	2	3	3	4	5	6	7	8
554	.74351	.74359	.74367	.74374	.74382	.74390	.74398	.74406	.74414	.74421	1	2	3	3	4	5	6	7	8
555	.74429	.74437	.74445	.74453	.74461	.74468	.74476	.74484	.74492	.74500	1	2	3	3	4	5	6	7	8
556	.74507	.74515	.74523	.74531	.74539	.74547	.74554	.74562	.74570	.74578	1	2	3	3	4	5	6	7	8
557	.74586	.74593	.74601	.74609	.74617	.74624	.74632	.74640	.74648	.74656	1	2	3	3	4	5	6	7	8
558	.74663	.74671	.74679	.74687	.74695	.74702	.74710	.74718	.74726	.74733	1	2	3	3	4	5	6	7	8

Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
559	.74741	.74749	.74757	.74764	.74772	.74780	.74788	.74796	.74803	.74811	1	2	3	3	4	5	6	7	8
560	.74819	.74827	.74834	.74842	.74850	.74858	.74865	.74873	.74881	.74889	1	2	3	3	4	5	6	7	8
561	.74896	.74904	.74912	.74920	.74927	.74935	.74943	.74950	.74958	.74966	1	2	3	3	4	5	6	7	8
562	.74974	.74981	.74989	.74997	.75005	.75012	.75020	.75028	.75035	.75043	1	2	3	3	4	5	6	7	8
563	.75051	.75059	.75066	.75074	.75082	.75089	.75097	.75105	.75113	.75120	1	2	3	3	4	5	6	7	8
564	.75128	.75136	.75143	.75151	.75159	.75166	.75174	.75182	.75189	.75197	1	2	3	3	4	5	6	7	8
565	.75205	.75213	.75220	.75228	.75236	.75243	.75251	.75259	.75266	.75274	1	2	3	3	4	5	6	7	8
566	.75282	.75289	.75297	.75305	.75312	.75320	.75328	.75335	.75343	.75351	1	2	3	3	4	5	6	7	8
567	.75358	.75366	.75374	.75381	.75389	.75397	.75404	.75412	.75420	.75427	1	2	3	3	4	5	6	7	8
568	.75435	.75442	.75450	.75458	.75465	.75473	.75481	.75488	.75496	.75504	1	2	3	3	4	5	6	7	8
569	.75511	.75519	.75526	.75534	.75542	.75549	.75557	.75565	.75572	.75580	1	2	3	3	4	5	6	7	8
570	.75587	.75595	.75603	.75610	.75618	.75626	.75633	.75641	.75648	.75656	1	2	3	3	4	5	6	7	8
571	.75664	.75671	.75679	.75686	.75694	.75702	.75709	.75717	.75724	.75732	1	2	3	3	4	5	6	7	8
572	.75740	.75747	.75755	.75762	.75770	.75778	.75785	.75793	.75800	.75808	1	2	3	3	4	5	6	7	8
573	.75815	.75823	.75831	.75838	.75846	.75853	.75861	.75868	.75876	.75884	1	2	3	3	4	5	6	7	8
574	.75891	.75899	.75906	.75914	.75921	.75929	.75937	.75944	.75952	.75959	1	2	3	3	4	5	6	7	8
575	.75967	.75974	.75982	.75989	.75997	.76005	.76012	.76020	.76027	.76035	1	2	3	3	4	5	6	7	8
576	.76042	.76050	.76057	.76065	.76072	.76080	.76087	.76095	.76103	.76110	1	2	3	3	4	5	6	7	8
577	.76118	.76125	.76133	.76140	.76148	.76155	.76163	.76170	.76178	.76185	1	2	3	3	4	5	6	7	8
578	.76193	.76200	.76208	.76215	.76223	.76230	.76238	.76245	.76253	.76260	1	2	3	3	4	5	6	7	8
579	.76268	.76275	.76283	.76290	.76298	.76305	.76313	.76320	.76328	.76335	1	2	2	3	4	5	6	7	7
580	.76343	.76350	.76358	.76365	.76373	.76380	.76388	.76395	.76403	.76410	1	2	2	3	4	5	6	7	7
581	.76418	.76425	.76433	.76440	.76448	.76455	.76462	.76470	.76477	.76485	1	2	2	3	4	5	6	7	7
582	.76492	.76500	.76507	.76515	.76522	.76530	.76537	.76545	.76552	.76559	1	2	2	3	4	5	6	7	7
583	.76567	.76574	.76582	.76589	.76597	.76604	.76612	.76619	.76626	.76634	1	2	2	3	4	5	6	7	7
584	.76641	.76649	.76656	.76664	.76671	.76678	.76686	.76693	.76701	.76708	1	2	2	3	4	5	6	7	7
585	.76716	.76723	.76730	.76738	.76745	.76753	.76760	.76768	.76775	.76782	1	2	2	3	4	5	6	7	7
586	.76790	.76797	.76805	.76812	.76819	.76827	.76834	.76842	.76849	.76856	1	2	2	3	4	5	6	7	7
587	.76864	.76871	.76879	.76886	.76893	.76901	.76908	.76916	.76923	.76930	1	2	2	3	4	5	6	7	7
588	.76938	.76945	.76953	.76960	.76967	.76975	.76982	.76989	.76997	.77004	1	2	2	3	4	5	6	7	7
589	.77012	.77019	.77026	.77034	.77041	.77048	.77056	.77063	.77070	.77078	1	2	2	3	4	5	6	7	7
590	.77085	.77093	.77100	.77107	.77115	.77122	.77129	.77137	.77144	.77151	1	2	2	3	4	5	6	7	7
591	.77159	.77166	.77173	.77181	.77188	.77195	.77203	.77210	.77217	.77225	1	2	2	3	4	5	6	7	7
592	.77232	.77240	.77247	.77254	.77262	.77269	.77276	.77283	.77291	.77298	1	2	2	3	4	5	6	7	7
593	.77305	.77313	.77320	.77327	.77335	.77342	.77349	.77357	.77364	.77371	1	2	2	3	4	5	6	7	7
594	.77379	.77386	.77393	.77401	.77408	.77415	.77422	.77430	.77437	.77444	1	2	2	3	4	5	6	6	7
595	.77452	.77459	.77466	.77474	.77481	.77488	.77495	.77503	.77510	.77517	1	2	2	3	4	5	6	6	7
596	.77525	.77532	.77539	.77546	.77554	.77561	.77568	.77576	.77583	.77590	1	2	2	3	4	5	6	6	7
597	.77597	.77605	.77612	.77619	.77627	.77634	.77641	.77648	.77656	.77663	1	2	2	3	4	5	6	6	7
598	.77670	.77677	.77685	.77692	.77699	.77706	.77714	.77721	.77728	.77735	1	2	2	3	4	5	6	6	7
599	.77743	.77750	.77757	.77764	.77772	.77779	.77786	.77793	.77801	.77808	1	2	2	3	4	5	6	6	7
600	.77815	.77822	.77830	.77837	.77844	.77851	.77859	.77866	.77873	.77880	1	2	2	3	4	5	6	6	7
601	.77887	.77895	.77902	.77909	.77916	.77924	.77931	.77938	.77945	.77952	1	2	2	3	4	5	6	6	7
602	.77960	.77967	.77974	.77981	.77988	.77996	.78003	.78010	.78017	.78025	1	2	2	3	4	5	6	6	7
603	.78032	.78039	.78046	.78053	.78061	.78068	.78075	.78082	.78089	.78097	1	2	2	3	4	5	6	6	7
604	.78104	.78111	.78118	.78125	.78132	.78140	.78147	.78154	.78161	.78168	1	2	2	3	4	5	6	6	7
605	.78176	.78183	.78190	.78197	.78204	.78211	.78219	.78226	.78233	.78240	1	2	2	3	4	5	6	6	7
606	.78247	.78254	.78262	.78269	.78276	.78283	.78290	.78297	.78305	.78312	1	2	2	3	4	5	6	6	7
607	.78319	.78326	.78333	.78340	.78347	.78355	.78362	.78369	.78376	.78383	1	2	2	3	4	5	6	6	7
608	.78390	.78398	.78405	.78412	.78419	.78426	.78433	.78440	.78447	.78455	1	2	2	3	4	5	6	6	7
609	.78462	.78469	.78476	.78483	.78490	.78497	.78504	.78512	.78519	.78526	1	2	2	3	4	5	6	6	7

Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
610	.78533	.78540	.78547	.78554	.78561	.78569	.78576	.78583	.78590	.78597	1	2	2	3	4	5	6	6	7
611	.78604	.78611	.78618	.78625	.78633	.78640	.78647	.78654	.78661	.78668	1	2	2	3	4	5	6	6	7
612	.78675	.78682	.78689	.78696	.78704	.78711	.78718	.78725	.78732	.78739	1	2	2	3	4	5	6	6	7
613	.78746	.78753	.78760	.78767	.78774	.78781	.78789	.78796	.78803	.78810	1	2	2	3	4	5	6	6	7
614	.78817	.78824	.78831	.78838	.78845	.78852	.78859	.78866	.78873	.78880	1	2	2	3	4	5	5	6	7
615	.78888	.78895	.78902	.78909	.78916	.78923	.78930	.78937	.78944	.78951	1	2	2	3	4	5	5	6	7
616	.78958	.78965	.78972	.78979	.78986	.78993	.79000	.79007	.79014	.79021	1	2	2	3	4	5	5	6	7
617	.79029	.79036	.79043	.79050	.79057	.79064	.79071	.79078	.79085	.79092	1	2	2	3	4	5	5	6	7
618	.79099	.79106	.79113	.79120	.79127	.79134	.79141	.79148	.79155	.79162	1	2	2	3	4	5	5	6	7
619	.79169	.79176	.79183	.79190	.79197	.79204	.79211	.79218	.79225	.79232	1	2	2	3	4	5	5	6	7
620	.79239	.79246	.79253	.79260	.79267	.79274	.79281	.79288	.79295	.79302	1	2	2	3	4	5	5	6	7
621	.79309	.79316	.79323	.79330	.79337	.79344	.79351	.79358	.79365	.79372	1	2	2	3	4	5	5	6	7
622	.79379	.79386	.79393	.79400	.79407	.79414	.79421	.79428	.79435	.79442	1	2	2	3	4	5	5	6	7
623	.79449	.79456	.79463	.79470	.79477	.79484	.79491	.79498	.79505	.79511	1	2	2	3	4	5	5	6	7
624	.79518	.79525	.79532	.79539	.79546	.79553	.79560	.79567	.79574	.79581	1	2	2	3	4	5	5	6	7
625	.79588	.79595	.79602	.79609	.79616	.79623	.79630	.79637	.79644	.79650	1	2	2	3	4	5	5	6	7
626	.79657	.79664	.79671	.79678	.79685	.79692	.79699	.79706	.79713	.79720	1	2	2	3	4	5	5	6	7
627	.79727	.79734	.79741	.79748	.79754	.79761	.79768	.79775	.79782	.79789	1	2	2	3	4	5	5	6	7
628	.79796	.79803	.79810	.79817	.79824	.79831	.79837	.79844	.79851	.79858	1	2	2	3	4	5	5	6	7
629	.79865	.79872	.79879	.79886	.79893	.79900	.79906	.79913	.79920	.79927	1	2	2	3	4	5	5	6	7
630	.79934	.79941	.79948	.79955	.79962	.79969	.79975	.79982	.79989	.79996	1	2	2	3	4	5	5	6	7
631	.80003	.80010	.80017	.80024	.80030	.80037	.80044	.80051	.80058	.80065	1	2	2	3	4	5	5	6	7
632	.80072	.80079	.80085	.80092	.80099	.80106	.80113	.80120	.80127	.80134	1	2	2	3	4	5	5	6	7
633	.80140	.80147	.80154	.80161	.80168	.80175	.80182	.80188	.80195	.80202	1	2	2	3	4	5	5	6	7
634	.80209	.80216	.80223	.80229	.80236	.80243	.80250	.80257	.80264	.80271	1	2	2	3	4	5	5	6	7
635	.80277	.80284	.80291	.80298	.80305	.80312	.80318	.80325	.80332	.80339	1	2	2	3	4	5	5	6	7
636	.80346	.80353	.80359	.80366	.80373	.80380	.80387	.80393	.80400	.80407	1	2	2	3	4	5	5	6	7
637	.80414	.80421	.80428	.80434	.80441	.80448	.80455	.80462	.80468	.80475	1	2	2	3	4	5	5	6	7
638	.80482	.80489	.80496	.80502	.80509	.80516	.80523	.80530	.80536	.80543	1	2	2	3	4	5	5	6	7
639	.80550	.80557	.80564	.80570	.80577	.80584	.80591	.80598	.80604	.80611	1	2	2	3	4	5	5	6	7
640	.80618	.80625	.80632	.80638	.80645	.80652	.80659	.80665	.80672	.80679	1	2	2	3	4	5	5	6	7
641	.80686	.80693	.80699	.80706	.80713	.80720	.80726	.80733	.80740	.80747	1	2	2	3	4	5	5	6	7
642	.80754	.80760	.80767	.80774	.80781	.80787	.80794	.80801	.80808	.80814	1	2	2	3	4	5	5	6	7
643	.80821	.80828	.80835	.80841	.80848	.80855	.80862	.80868	.80875	.80882	1	1	2	3	4	4	5	6	7
644	.80889	.80895	.80902	.80909	.80916	.80922	.80929	.80936	.80943	.80949	1	1	2	3	4	4	5	6	7
645	.80956	.80963	.80969	.80976	.80983	.80990	.80996	.81003	.81010	.81017	1	1	2	3	4	4	5	6	7
646	.81023	.81030	.81037	.81043	.81050	.81057	.81064	.81070	.81077	.81084	1	1	2	3	4	4	5	6	7
647	.81090	.81097	.81104	.81111	.81117	.81124	.81131	.81137	.81144	.81151	1	1	2	3	4	4	5	6	7
648	.81158	.81164	.81171	.81178	.81184	.81191	.81198	.81204	.81211	.81218	1	1	2	3	4	4	5	6	7
649	.81224	.81231	.81238	.81245	.81251	.81258	.81265	.81271	.81278	.81285	1	1	2	3	4	4	5	6	7
650	.81291	.81298	.81305	.81311	.81318	.81325	.81331	.81338	.81345	.81351	1	1	2	3	4	4	5	6	7
651	.81358	.81365	.81371	.81378	.81385	.81391	.81398	.81405	.81411	.81418	1	1	2	3	4	4	5	6	7
652	.81425	.81431	.81438	.81445	.81451	.81458	.81465	.81471	.81478	.81485	1	1	2	3	4	4	5	6	7
653	.81491	.81498	.81505	.81511	.81518	.81525	.81531	.81538	.81544	.81551	1	1	2	3	4	4	5	6	7
654	.81558	.81564	.81571	.81578	.81584	.81591	.81598	.81604	.81611	.81617	1	1	2	3	4	4	5	6	7
655	.81624	.81631	.81637	.81644	.81651	.81657	.81664	.81671	.81677	.81684	1	1	2	3	4	4	5	6	7
656	.81690	.81697	.81704	.81710	.81717	.81723	.81730	.81737	.81743	.81750	1	1	2	3	4	4	5	6	7
657	.81757	.81763	.81770	.81776	.81783	.81790	.81796	.81803	.81809	.81816	1	1	2	3	4	4	5	6	7
658	.81823	.81829	.81836	.81842	.81849	.81856	.81862	.81869	.81875	.81882	1	1	2	3	4	4	5	6	7
659	.81889	.81895	.81902	.81908	.81915	.81921	.81928	.81935	.81941	.81948	1	1	2	3	4	4	5	6	7
660	.81954	.81961	.81968	.81974	.81981	.81987	.81994	.82000	.82007	.82014	1	1	2	3	4	4	5	6	7

Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
661	.82020	.82027	.82033	.82040	.82046	.82053	.82060	.82066	.82073	.82079	1	1	2	3	4	4	5	6	7
662	.82086	.82092	.82099	.82105	.82112	.82119	.82125	.82132	.82138	.82145	1	1	2	3	4	4	5	6	7
663	.82151	.82158	.82164	.82171	.82178	.82184	.82191	.82197	.82204	.82210	1	1	2	3	4	4	5	6	7
664	.82217	.82223	.82230	.82236	.82243	.82249	.82256	.82263	.82269	.82276	1	1	2	3	4	4	5	6	7
665	.82282	.82289	.82295	.82302	.82308	.82315	.82321	.82328	.82334	.82341	1	1	2	3	4	4	5	6	7
666	.82347	.82354	.82360	.82367	.82373	.82380	.82387	.82393	.82400	.82406	1	1	2	3	4	4	5	6	7
667	.82413	.82419	.82426	.82432	.82439	.82445	.82452	.82458	.82465	.82471	1	1	2	3	4	4	5	6	7
668	.82478	.82484	.82491	.82497	.82504	.82510	.82517	.82523	.82530	.82536	1	1	2	3	4	4	5	6	6
669	.82543	.82549	.82556	.82562	.82569	.82575	.82582	.82588	.82595	.82601	1	1	2	3	4	4	5	6	6
670	.82607	.82614	.82620	.82627	.82633	.82640	.82646	.82653	.82659	.82666	1	1	2	3	4	4	5	6	6
671	.82672	.82679	.82685	.82692	.82698	.82705	.82711	.82718	.82724	.82730	1	1	2	3	4	4	5	6	6
672	.82737	.82743	.82750	.82756	.82763	.82769	.82776	.82782	.82789	.82795	1	1	2	3	4	4	5	6	6
673	.82802	.82808	.82814	.82821	.82827	.82834	.82840	.82847	.82853	.82860	1	1	2	3	4	4	5	6	6
674	.82866	.82872	.82879	.82885	.82892	.82898	.82905	.82911	.82918	.82924	1	1	2	3	4	4	5	6	6
675	.82930	.82937	.82943	.82950	.82956	.82963	.82969	.82975	.82982	.82988	1	1	2	3	4	4	5	6	6
676	.82995	.83001	.83008	.83014	.83020	.83027	.83033	.83040	.83046	.83052	1	1	2	3	4	4	5	6	6
677	.83059	.83065	.83072	.83078	.83085	.83091	.83097	.83104	.83110	.83117	1	1	2	3	4	4	5	6	6
678	.83123	.83129	.83136	.83142	.83149	.83155	.83161	.83168	.83174	.83181	1	1	2	3	4	4	5	6	6
679	.83187	.83193	.83200	.83206	.83213	.83219	.83225	.83232	.83238	.83245	1	1	2	3	4	4	5	6	6
680	.83251	.83257	.83264	.83270	.83276	.83283	.83289	.83296	.83302	.83308	1	1	2	3	4	4	5	6	6
681	.83315	.83321	.83327	.83334	.83340	.83347	.83353	.83359	.83366	.83372	1	1	2	3	4	4	5	6	6
682	.83378	.83385	.83391	.83398	.83404	.83410	.83417	.83423	.83429	.83436	1	1	2	3	4	4	5	6	6
683	.83442	.83448	.83455	.83461	.83467	.83474	.83480	.83487	.83493	.83499	1	1	2	3	4	4	5	6	6
684	.83506	.83512	.83518	.83525	.83531	.83537	.83544	.83550	.83556	.83563	1	1	2	3	4	4	5	6	6
685	.83569	.83575	.83582	.83588	.83594	.83601	.83607	.83613	.83620	.83626	1	1	2	3	4	4	5	6	6
686	.83632	.83639	.83645	.83651	.83658	.83664	.83670	.83677	.83683	.83689	1	1	2	3	4	4	5	6	6
687	.83696	.83702	.83708	.83715	.83721	.83727	.83734	.83740	.83746	.83753	1	1	2	3	4	4	5	6	6
688	.83759	.83765	.83771	.83778	.83784	.83790	.83797	.83803	.83809	.83816	1	1	2	3	4	4	5	6	6
689	.83822	.83828	.83835	.83841	.83847	.83853	.83860	.83866	.83872	.83879	1	1	2	3	3	4	5	6	6
690	.83885	.83891	.83897	.83904	.83910	.83916	.83923	.83929	.83935	.83942	1	1	2	3	3	4	5	6	6
691	.83948	.83954	.83960	.83967	.83973	.83979	.83985	.83992	.83998	.84004	1	1	2	3	3	4	5	6	6
692	.84011	.84017	.84023	.84029	.84036	.84042	.84048	.84055	.84061	.84067	1	1	2	3	3	4	5	6	6
693	.84073	.84080	.84086	.84092	.84098	.84105	.84111	.84117	.84123	.84130	1	1	2	3	3	4	5	6	6
694	.84136	.84142	.84148	.84155	.84161	.84167	.84173	.84180	.84186	.84192	1	1	2	3	3	4	5	6	6
695	.84198	.84205	.84211	.84217	.84223	.84230	.84236	.84242	.84248	.84255	1	1	2	3	3	4	5	6	6
696	.84261	.84267	.84273	.84280	.84286	.84292	.84298	.84305	.84311	.84317	1	1	2	3	3	4	5	6	6
697	.84323	.84330	.84336	.84342	.84348	.84354	.84361	.84367	.84373	.84379	1	1	2	3	3	4	5	6	6
698	.84386	.84392	.84398	.84404	.84410	.84417	.84423	.84429	.84435	.84442	1	1	2	3	3	4	5	6	6
699	.84448	.84454	.84460	.84466	.84473	.84479	.84485	.84491	.84497	.84504	1	1	2	3	3	4	5	6	6
700	.84510	.84516	.84522	.84528	.84535	.84541	.84547	.84553	.84559	.84566	1	1	2	3	3	4	5	6	6
701	.84572	.84578	.84584	.84590	.84597	.84603	.84609	.84615	.84621	.84628	1	1	2	3	3	4	5	6	6
702	.84634	.84640	.84646	.84652	.84658	.84665	.84671	.84677	.84683	.84689	1	1	2	3	3	4	5	5	6
703	.84696	.84702	.84708	.84714	.84720	.84726	.84733	.84739	.84745	.84751	1	1	2	3	3	4	5	5	6
704	.84757	.84763	.84770	.84776	.84782	.84788	.84794	.84800	.84807	.84813	1	1	2	3	3	4	5	5	6
705	.84819	.84825	.84831	.84837	.84844	.84850	.84856	.84862	.84868	.84874	1	1	2	3	3	4	5	5	6
706	.84880	.84887	.84893	.84899	.84905	.84911	.84917	.84924	.84930	.84936	1	1	2	3	3	4	5	5	6
707	.84942	.84948	.84954	.84960	.84967	.84973	.84979	.84985	.84991	.84997	1	1	2	3	3	4	5	5	6
708	.85003	.85009	.85016	.85022	.85028	.85034	.85040	.85046	.85052	.85058	1	1	2	3	3	4	5	5	6
709	.85065	.85071	.85077	.85083	.85089	.85095	.85101	.85107	.85114	.85120	1	1	2	3	3	4	5	5	6
710	.85126	.85132	.85138	.85144	.85150	.85156	.85163	.85169	.85175	.85181	1	1	2	3	3	4	5	5	6
711	.85187	.85193	.85199	.85205	.85211	.85217	.85224	.85230	.85236	.85242	1	1	2	3	3	4	5	5	6

Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
712	.85248	.85254	.85260	.85266	.85272	.85278	.85285	.85291	.85297	.85303	1	1	2	3	3	4	5	5	6
713	.85309	.85315	.85321	.85327	.85333	.85339	.85345	.85352	.85358	.85364	1	1	2	3	3	4	5	5	6
714	.85370	.85376	.85382	.85388	.85394	.85400	.85406	.85412	.85418	.85425	1	1	2	3	3	4	5	5	6
715	.85431	.85437	.85443	.85449	.85455	.85461	.85467	.85473	.85479	.85485	1	1	2	3	3	4	5	5	6
716	.85491	.85497	.85503	.85509	.85516	.85522	.85528	.85534	.85540	.85546	1	1	2	3	3	4	5	5	6
717	.85552	.85558	.85564	.85570	.85576	.85582	.85588	.85594	.85600	.85606	1	1	2	3	3	4	5	5	6
718	.85612	.85618	.85625	.85631	.85637	.85643	.85649	.85655	.85661	.85667	1	1	2	3	3	4	5	5	6
719	.85673	.85679	.85685	.85691	.85697	.85703	.85709	.85715	.85721	.85727	1	1	2	3	3	4	5	5	6
720	.85733	.85739	.85745	.85751	.85757	.85763	.85769	.85775	.85781	.85788	1	1	2	3	3	4	5	5	6
721	.85794	.85800	.85806	.85812	.85818	.85824	.85830	.85836	.85842	.85848	1	1	2	3	3	4	5	5	6
722	.85854	.85860	.85866	.85872	.85878	.85884	.85890	.85896	.85902	.85908	1	1	2	3	3	4	5	5	6
723	.85914	.85920	.85926	.85932	.85938	.85944	.85950	.85956	.85962	.85968	1	1	2	3	3	4	5	5	6
724	.85974	.85980	.85986	.85992	.85998	.86004	.86010	.86016	.86022	.86028	1	1	2	3	3	4	5	5	6
725	.86034	.86040	.86046	.86052	.86058	.86064	.86070	.86076	.86082	.86088	1	1	2	3	3	4	5	5	6
726	.86094	.86100	.86106	.86112	.86118	.86124	.86130	.86136	.86141	.86147	1	1	2	3	3	4	5	5	6
727	.86153	.86159	.86165	.86171	.86177	.86183	.86189	.86195	.86201	.86207	1	1	2	3	3	4	5	5	6
728	.86213	.86219	.86225	.86231	.86237	.86243	.86249	.86255	.86261	.86267	1	1	2	3	3	4	5	5	6
729	.86273	.86279	.86285	.86291	.86297	.86303	.86308	.86314	.86320	.86326	1	1	2	3	3	4	5	5	6
730	.86332	.86338	.86344	.86350	.86356	.86362	.86368	.86374	.86380	.86386	1	1	2	3	3	4	5	5	6
731	.86392	.86398	.86404	.86410	.86415	.86421	.86427	.86433	.86439	.86445	1	1	2	3	3	4	5	5	6
732	.86451	.86457	.86463	.86469	.86475	.86481	.86487	.86493	.86499	.86504	1	1	2	3	3	4	5	5	6
733	.86510	.86516	.86522	.86528	.86534	.86540	.86546	.86552	.86558	.86564	1	1	2	3	3	4	5	5	6
734	.86570	.86576	.86581	.86587	.86593	.86599	.86605	.86611	.86617	.86623	1	1	2	3	3	4	5	5	6
735	.86629	.86635	.86641	.86646	.86652	.86658	.86664	.86670	.86676	.86682	1	1	2	3	3	4	5	5	6
736	.86688	.86694	.86700	.86705	.86711	.86717	.86723	.86729	.86735	.86741	1	1	2	3	3	4	5	5	6
737	.86747	.86753	.86759	.86764	.86770	.86776	.86782	.86788	.86794	.86800	1	1	2	3	3	4	5	5	6
738	.86806	.86812	.86817	.86823	.86829	.86835	.86841	.86847	.86853	.86859	1	1	2	3	3	4	5	5	6
739	.86864	.86870	.86876	.86882	.86888	.86894	.86900	.86906	.86911	.86917	1	1	2	3	3	4	5	5	6
740	.86923	.86929	.86935	.86941	.86947	.86953	.86958	.86964	.86970	.86976	1	1	2	3	3	4	5	5	6
741	.86982	.86988	.86994	.86999	.87005	.87011	.87017	.87023	.87029	.87035	1	1	2	3	3	4	5	5	6
742	.87040	.87046	.87052	.87058	.87064	.87070	.87075	.87081	.87087	.87093	1	1	2	3	3	4	5	5	6
743	.87099	.87105	.87111	.87116	.87122	.87128	.87134	.87140	.87146	.87151	1	1	2	3	3	4	5	5	6
744	.87157	.87163	.87169	.87175	.87181	.87186	.87192	.87198	.87204	.87210	1	1	2	3	3	4	5	5	6
745	.87216	.87221	.87227	.87233	.87239	.87245	.87251	.87256	.87262	.87268	1	1	2	3	3	4	5	5	6
746	.87274	.87280	.87286	.87291	.87297	.87303	.87309	.87315	.87320	.87326	1	1	2	3	3	4	5	5	6
747	.87332	.87338	.87344	.87349	.87355	.87361	.87367	.87373	.87379	.87384	1	1	2	3	3	4	5	5	6
748	.87390	.87396	.87402	.87408	.87413	.87419	.87425	.87431	.87437	.87442	1	1	2	3	3	4	5	5	6
749	.87448	.87454	.87460	.87466	.87471	.87477	.87483	.87489	.87495	.87500	1	1	2	3	3	4	5	5	6
750	.87506	.87512	.87518	.87523	.87529	.87535	.87541	.87547	.87552	.87558	1	1	2	3	3	4	5	5	6
751	.87564	.87570	.87576	.87581	.87587	.87593	.87599	.87604	.87610	.87616	1	1	2	3	3	4	4	4	6
752	.87622	.87628	.87633	.87639	.87645	.87651	.87656	.87662	.87668	.87674	1	1	2	3	3	4	4	4	6
753	.87679	.87685	.87691	.87697	.87703	.87708	.87714	.87720	.87726	.87731	1	1	2	3	3	4	4	4	6
754	.87737	.87743	.87749	.87754	.87760	.87766	.87772	.87777	.87783	.87789	1	1	2	3	3	4	4	4	6
755	.87795	.87800	.87806	.87812	.87818	.87823	.87829	.87835	.87841	.87846	1	1	2	3	3	4	4	4	6
756	.87852	.87858	.87864	.87869	.87875	.87881	.87887	.87892	.87898	.87904	1	1	2	3	3	4	4	4	6
757	.87910	.87915	.87921	.87927	.87933	.87938	.87944	.87950	.87955	.87961	1	1	2	3	3	4	4	4	6
758	.87967	.87973	.87978	.87984	.87990	.87996	.88001	.88007	.88013	.88018	1	1	2	3	3	4	4	4	6
759	.88024	.88030	.88036	.88041	.88047	.88053	.88058	.88064	.88070	.88076	1	1	2	3	3	4	4	4	6
760	.88081	.88087	.88093	.88098	.88104	.88110	.88116	.88121	.88127	.88133	1	1	2	3	3	4	4	4	6
761	.88138	.88144	.88150	.88156	.88161	.88167	.88173	.88178	.88184	.88190	1	1	2	3	3	4	4	4	6
762	.88195	.88201	.88207	.88213	.88218	.88224	.88230	.88235	.88241	.88247	1	1	2	3	3	4	4	4	6

Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
763	.88252	.88258	.88264	.88270	.88275	.88281	.88287	.88292	.88298	.88304	1	1	2	3	3	4	4	5	6
764	.88309	.88315	.88321	.88326	.88332	.88338	.88343	.88349	.88355	.88360	1	1	2	3	3	4	4	5	6
765	.88366	.88372	.88377	.88383	.88389	.88395	.88400	.88406	.88412	.88417	1	1	2	3	3	4	4	5	6
766	.88423	.88429	.88434	.88440	.88446	.88451	.88457	.88463	.88468	.88474	1	1	2	3	3	4	4	5	6
767	.88480	.88485	.88491	.88497	.88502	.88508	.88513	.88519	.88525	.88530	1	1	2	3	3	4	4	5	6
768	.88536	.88542	.88547	.88553	.88559	.88564	.88570	.88576	.88581	.88587	1	1	2	3	3	4	4	5	6
769	.88593	.88598	.88604	.88610	.88615	.88621	.88627	.88632	.88638	.88643	1	1	2	3	3	4	4	5	6
770	.88649	.88655	.88660	.88666	.88672	.88677	.88683	.88689	.88694	.88700	1	1	2	3	3	4	4	5	6
771	.88705	.88711	.88717	.88722	.88728	.88734	.88739	.88745	.88750	.88756	1	1	2	3	3	4	4	5	6
772	.88762	.88767	.88773	.88779	.88784	.88790	.88795	.88801	.88807	.88812	1	1	2	2	3	4	4	5	6
773	.88818	.88824	.88829	.88835	.88840	.88846	.88852	.88857	.88863	.88868	1	1	2	2	3	4	4	5	6
774	.88874	.88880	.88885	.88891	.88897	.88902	.88908	.88913	.88919	.88925	1	1	2	2	3	4	4	5	6
775	.88930	.88936	.88941	.88947	.88953	.88958	.88964	.88969	.88975	.88981	1	1	2	2	3	4	4	5	6
776	.88986	.88992	.88997	.89003	.89009	.89014	.89020	.89025	.89031	.89037	1	1	2	2	3	4	4	5	6
777	.89042	.89048	.89053	.89059	.89064	.89070	.89076	.89081	.89087	.89092	1	1	2	2	3	4	4	5	6
778	.89098	.89104	.89109	.89115	.89120	.89126	.89131	.89137	.89143	.89148	1	1	2	2	3	4	4	5	6
779	.89154	.89159	.89165	.89170	.89176	.89182	.89187	.89193	.89198	.89204	1	1	2	2	3	4	4	5	6
780	.89209	.89215	.89221	.89226	.89232	.89237	.89243	.89248	.89254	.89260	1	1	2	2	3	4	4	5	6
781	.89265	.89271	.89276	.89282	.89287	.89293	.89298	.89304	.89310	.89315	1	1	2	2	3	4	4	5	6
782	.89321	.89326	.89332	.89337	.89343	.89348	.89354	.89360	.89365	.89371	1	1	2	2	3	4	4	5	6
783	.89376	.89382	.89387	.89393	.89398	.89404	.89409	.89415	.89421	.89426	1	1	2	2	3	4	4	5	6
784	.89432	.89437	.89443	.89448	.89454	.89459	.89465	.89470	.89476	.89481	1	1	2	2	3	4	4	5	6
785	.89487	.89492	.89498	.89504	.89509	.89515	.89520	.89526	.89531	.89537	1	1	2	2	3	4	4	5	6
786	.89542	.89548	.89553	.89559	.89564	.89570	.89575	.89581	.89586	.89592	1	1	2	2	3	4	4	5	6
787	.89597	.89603	.89609	.89614	.89620	.89625	.89631	.89636	.89642	.89647	1	1	2	2	3	4	4	5	6
788	.89653	.89658	.89664	.89669	.89675	.89680	.89686	.89691	.89697	.89702	1	1	2	2	3	4	4	5	6
789	.89708	.89713	.89719	.89724	.89730	.89735	.89741	.89746	.89752	.89757	1	1	2	2	3	4	4	5	6
790	.89763	.89768	.89774	.89779	.89785	.89790	.89796	.89801	.89807	.89812	1	1	2	2	3	4	4	5	5
791	.89818	.89823	.89829	.89834	.89840	.89845	.89851	.89856	.89862	.89867	1	1	2	2	3	4	4	5	5
792	.89873	.89878	.89883	.89889	.89894	.89900	.89905	.89911	.89916	.89922	1	1	2	2	3	4	4	5	5
793	.89927	.89933	.89938	.89944	.89949	.89955	.89960	.89966	.89971	.89977	1	1	2	2	3	4	4	5	5
794	.89982	.89988	.89993	.89998	.90004	.90009	.90015	.90020	.90026	.90031	1	1	2	2	3	4	4	5	5
795	.90037	.90042	.90048	.90053	.90059	.90064	.90069	.90075	.90080	.90086	1	1	2	2	3	4	4	5	5
796	.90091	.90097	.90102	.90108	.90113	.90119	.90124	.90129	.90135	.90140	1	1	2	2	3	4	4	5	5
797	.90146	.90151	.90157	.90162	.90168	.90173	.90179	.90184	.90189	.90195	1	1	2	2	3	4	4	5	5
798	.90200	.90206	.90211	.90217	.90222	.90227	.90233	.90238	.90244	.90249	1	1	2	2	3	4	4	5	5
799	.90255	.90260	.90266	.90271	.90276	.90282	.90287	.90293	.90298	.90304	1	1	2	2	3	4	4	5	5
800	.90309	.90314	.90320	.90325	.90331	.90336	.90342	.90347	.90352	.90358	1	1	2	2	3	4	4	5	5
801	.90363	.90369	.90374	.90380	.90385	.90390	.90396	.90401	.90407	.90412	1	1	2	2	3	4	4	5	5
802	.90417	.90423	.90428	.90434	.90439	.90445	.90450	.90455	.90461	.90466	1	1	2	2	3	4	4	5	5
803	.90472	.90477	.90482	.90488	.90493	.90499	.90504	.90509	.90515	.90520	1	1	2	2	3	4	4	5	5
804	.90526	.90531	.90536	.90542	.90547	.90553	.90558	.90563	.90569	.90574	1	1	2	2	3	4	4	5	5
805	.90580	.90585	.90590	.90596	.90601	.90607	.90612	.90617	.90623	.90628	1	1	2	2	3	4	4	5	5
806	.90634	.90639	.90644	.90650	.90655	.90660	.90666	.90671	.90677	.90682	1	1	2	2	3	4	4	5	5
807	.90687	.90693	.90698	.90703	.90709	.90714	.90720	.90725	.90730	.90736	1	1	2	2	3	4	4	5	5
808	.90741	.90747	.90752	.90757	.90763	.90768	.90773	.90779	.90784	.90789	1	1	2	2	3	4	4	5	5
809	.90795	.90800	.90806	.90811	.90816	.90822	.90827	.90832	.90838	.90843	1	1	2	2	3	4	4	5	5
810	.90849	.90854	.90859	.90865	.90870	.90875	.90881	.90886	.90891	.90897	1	1	2	2	3	4	4	5	5
811	.90902	.90907	.90913	.90918	.90924	.90929	.90934	.90940	.90945	.90950	1	1	2	2	3	4	4	5	5
812	.90956	.90961	.90966	.90972	.90977	.90982	.90988	.90993	.90998	.91004	1	1	2	2	3	4	4	5	5
813	.91009	.91014	.91020	.91025	.91030	.91036	.91041	.91046	.91052	.91057	1	1	2	2	3	4	4	5	5

Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
814	.91062	.91068	.91073	.91078	.91084	.91089	.91094	.91100	.91105	.91110	1	1	2	2	3	4	4	5	5
815	.91116	.91121	.91126	.91132	.91137	.91142	.91148	.91153	.91158	.91164	1	1	2	2	3	4	4	5	5
816	.91169	.91174	.91180	.91185	.91190	.91196	.91201	.91206	.91212	.91217	1	1	2	2	3	4	4	5	5
817	.91222	.91228	.91233	.91238	.91243	.91249	.91254	.91259	.91265	.91270	1	1	2	2	3	4	4	5	5
818	.91275	.91281	.91286	.91291	.91297	.91302	.91307	.91312	.91318	.91323	1	1	2	2	3	4	4	5	5
819	.91328	.91334	.91339	.91344	.91350	.91355	.91360	.91365	.91371	.91376	1	1	2	2	3	4	4	5	5
820	.91381	.91387	.91392	.91397	.91403	.91408	.91413	.91418	.91424	.91429	1	1	2	2	3	4	4	5	5
821	.91434	.91440	.91445	.91450	.91455	.91461	.91466	.91471	.91477	.91482	1	1	2	2	3	4	4	5	5
822	.91487	.91492	.91498	.91503	.91508	.91514	.91519	.91524	.91529	.91535	1	1	2	2	3	4	4	5	5
823	.91540	.91545	.91551	.91556	.91561	.91566	.91572	.91577	.91582	.91587	1	1	2	2	3	4	4	5	5
824	.91593	.91598	.91603	.91609	.91614	.91619	.91624	.91630	.91635	.91640	1	1	2	2	3	4	4	5	5
825	.91645	.91651	.91656	.91661	.91666	.91672	.91677	.91682	.91687	.91693	1	1	2	2	3	4	4	5	5
826	.91698	.91703	.91709	.91714	.91719	.91724	.91730	.91735	.91740	.91745	1	1	2	2	3	4	4	5	5
827	.91751	.91756	.91761	.91766	.91772	.91777	.91782	.91787	.91793	.91798	1	1	2	2	3	3	4	5	5
828	.91803	.91808	.91814	.91819	.91824	.91829	.91834	.91840	.91845	.91850	1	1	2	2	3	3	4	5	5
829	.91855	.91861	.91866	.91871	.91876	.91882	.91887	.91892	.91897	.91903	1	1	2	2	3	3	4	5	5
830	.91908	.91913	.91918	.91924	.91929	.91934	.91939	.91944	.91950	.91955	1	1	2	2	3	3	4	5	5
831	.91960	.91965	.91971	.91976	.91981	.91986	.91991	.91997	.92002	.92007	1	1	2	2	3	3	4	5	5
832	.92012	.92018	.92023	.92028	.92033	.92038	.92044	.92049	.92054	.92059	1	1	2	2	3	3	4	5	5
833	.92065	.92070	.92075	.92080	.92085	.92091	.92096	.92101	.92106	.92111	1	1	2	2	3	3	4	5	5
834	.92117	.92122	.92127	.92132	.92137	.92143	.92148	.92153	.92158	.92163	1	1	2	2	3	3	4	5	5
835	.92169	.92174	.92179	.92184	.92189	.92195	.92200	.92205	.92210	.92215	1	1	2	2	3	3	4	5	5
836	.92221	.92226	.92231	.92236	.92241	.92247	.92252	.92257	.92262	.92267	1	1	2	2	3	3	4	5	5
837	.92273	.92278	.92283	.92288	.92293	.92298	.92304	.92309	.92314	.92319	1	1	2	2	3	3	4	5	5
838	.92324	.92330	.92335	.92340	.92345	.92350	.92355	.92361	.92366	.92371	1	1	2	2	3	3	4	5	5
839	.92376	.92381	.92387	.92392	.92397	.92402	.92407	.92412	.92418	.92423	1	1	2	2	3	3	4	5	5
840	.92428	.92433	.92438	.92443	.92449	.92454	.92459	.92464	.92469	.92474	1	1	2	2	3	3	4	5	5
841	.92480	.92485	.92490	.92495	.92500	.92505	.92511	.92516	.92521	.92526	1	1	2	2	3	3	4	5	5
842	.92531	.92536	.92542	.92547	.92552	.92557	.92562	.92567	.92572	.92578	1	1	2	2	3	3	4	5	5
843	.92583	.92588	.92593	.92598	.92603	.92609	.92614	.92619	.92624	.92629	1	1	2	2	3	3	4	5	5
844	.92634	.92639	.92645	.92650	.92655	.92660	.92665	.92670	.92675	.92681	1	1	2	2	3	3	4	5	5
845	.92686	.92691	.92696	.92701	.92706	.92711	.92716	.92722	.92727	.92732	1	1	2	2	3	3	4	5	5
846	.92737	.92742	.92747	.92752	.92758	.92763	.92768	.92773	.92778	.92783	1	1	2	2	3	3	4	5	5
847	.92788	.92793	.92799	.92804	.92809	.92814	.92819	.92824	.92829	.92834	1	1	2	2	3	3	4	5	5
848	.92840	.92845	.92850	.92855	.92860	.92865	.92870	.92875	.92881	.92886	1	1	2	2	3	3	4	5	5
849	.92891	.92896	.92901	.92906	.92911	.92916	.92921	.92927	.92932	.92937	1	1	2	2	3	3	4	5	5
850	.92942	.92947	.92952	.92957	.92962	.92967	.92973	.92978	.92983	.92988	1	1	2	2	3	3	4	5	5
851	.92993	.92998	.93003	.93008	.93013	.93018	.93024	.93029	.93034	.93039	1	1	2	2	3	3	4	5	5
852	.93044	.93049	.93054	.93059	.93064	.93069	.93075	.93080	.93085	.93090	1	1	2	2	3	3	4	5	5
853	.93095	.93100	.93105	.93110	.93115	.93120	.93125	.93131	.93136	.93141	1	1	2	2	3	3	4	5	5
854	.93146	.93151	.93156	.93161	.93166	.93171	.93176	.93181	.93186	.93192	1	1	2	2	3	3	4	5	5
855	.93197	.93202	.93207	.93212	.93217	.93222	.93227	.93232	.93237	.93242	1	1	2	2	3	3	4	5	5
856	.93247	.93252	.93258	.93263	.93268	.93273	.93278	.93283	.93288	.93293	1	1	2	2	3	3	4	5	5
857	.93298	.93303	.93308	.93313	.93318	.93323	.93328	.93334	.93339	.93344	1	1	2	2	3	3	4	5	5
858	.93349	.93354	.93359	.93364	.93369	.93374	.93379	.93384	.93389	.93394	1	1	2	2	3	3	4	4	5
859	.93399	.93404	.93409	.93414	.93420	.93425	.93430	.93435	.93440	.93445	1	1	2	2	3	3	4	4	5
860	.93450	.93455	.93460	.93465	.93470	.93475	.93480	.93485	.93490	.93495	1	1	2	2	3	3	4	4	5
861	.93500	.93505	.93510	.93515	.93520	.93526	.93531	.93536	.93541	.93546	1	1	2	2	3	3	4	4	5
862	.93551	.93556	.93561	.93566	.93571	.93576	.93581	.93586	.93591	.93596	1	1	2	2	3	3	4	4	5
863	.93601	.93606	.93611	.93616	.93621	.93626	.93631	.93636	.93641	.93646	1	1	2	2	3	3	4	4	5
864	.93651	.93656	.93661	.93666	.93671	.93676	.93682	.93687	.93692	.93697	1	1	2	2	3	3	4	4	5

Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
865	.93702	.93707	.93712	.93717	.93722	.93727	.93732	.93737	.93742	.93747	1	1	2	2	3	3	4	4	5
866	.93752	.93757	.93762	.93767	.93772	.93777	.93782	.93787	.93792	.93797	1	1	2	2	3	3	4	4	5
867	.93802	.93807	.93812	.93817	.93822	.93827	.93832	.93837	.93842	.93847	1	1	2	2	3	3	4	4	5
868	.93852	.93857	.93862	.93867	.93872	.93877	.93882	.93887	.93892	.93897	1	1	2	2	3	3	4	4	5
869	.93902	.93907	.93912	.93917	.93922	.93927	.93932	.93937	.93942	.93947	1	1	2	2	3	3	4	4	5
870	.93952	.93957	.93962	.93967	.93972	.93977	.93982	.93987	.93992	.93997	1	1	2	2	3	3	4	4	5
871	.94002	.94007	.94012	.94017	.94022	.94027	.94032	.94037	.94042	.94047	1	1	2	2	3	3	4	4	5
872	.94052	.94057	.94062	.94067	.94072	.94077	.94082	.94086	.94091	.94096	1	1	2	2	3	3	4	4	5
873	.94101	.94106	.94111	.94116	.94121	.94126	.94131	.94136	.94141	.94146	1	1	2	2	3	3	4	4	5
874	.94151	.94156	.94161	.94166	.94171	.94176	.94181	.94186	.94191	.94196	1	1	2	2	3	3	4	4	5
875	.94201	.94206	.94211	.94216	.94221	.94226	.94231	.94236	.94240	.94245	1	1	2	2	3	3	4	4	5
876	.94250	.94255	.94260	.94265	.94270	.94275	.94280	.94285	.94290	.94295	1	1	2	2	3	3	4	4	5
877	.94300	.94305	.94310	.94315	.94320	.94325	.94330	.94335	.94340	.94345	1	1	2	2	3	3	4	4	5
878	.94349	.94354	.94359	.94364	.94369	.94374	.94379	.94384	.94389	.94394	1	1	2	2	3	3	4	4	5
879	.94399	.94404	.94409	.94414	.94419	.94424	.94429	.94433	.94438	.94443	1	1	2	2	3	3	4	4	5
880	.94448	.94453	.94458	.94463	.94468	.94473	.94478	.94483	.94488	.94493	1	1	2	2	3	3	4	4	5
881	.94498	.94503	.94507	.94512	.94517	.94522	.94527	.94532	.94537	.94542	1	1	2	2	3	3	4	4	5
882	.94547	.94552	.94557	.94562	.94567	.94571	.94576	.94581	.94586	.94591	1	1	2	2	3	3	4	4	5
883	.94596	.94601	.94606	.94611	.94616	.94621	.94626	.94630	.94635	.94640	1	1	2	2	3	3	4	4	5
884	.94645	.94650	.94655	.94660	.94665	.94670	.94675	.94680	.94685	.94689	1	1	2	2	3	3	4	4	5
885	.94694	.94699	.94704	.94709	.94714	.94719	.94724	.94729	.94734	.94738	1	1	2	2	3	3	4	4	5
886	.94743	.94748	.94753	.94758	.94763	.94768	.94773	.94778	.94783	.94787	1	1	2	2	3	3	4	4	5
887	.94792	.94797	.94802	.94807	.94812	.94817	.94822	.94827	.94832	.94836	1	1	2	2	3	3	4	4	5
888	.94841	.94846	.94851	.94856	.94861	.94866	.94871	.94876	.94880	.94885	1	1	2	2	3	3	4	4	5
889	.94890	.94895	.94900	.94905	.94910	.94915	.94919	.94924	.94929	.94934	1	1	2	2	3	3	4	4	5
890	.94939	.94944	.94949	.94954	.94959	.94963	.94968	.94973	.94978	.94983	1	1	2	2	3	3	4	4	5
891	.94988	.94993	.94998	.95002	.95007	.95012	.95017	.95022	.95027	.95032	1	1	2	2	3	3	4	4	5
892	.95036	.95041	.95046	.95051	.95056	.95061	.95066	.95071	.95075	.95080	1	1	2	2	3	3	4	4	5
893	.95085	.95090	.95095	.95100	.95105	.95109	.95114	.95119	.95124	.95129	1	1	2	2	3	3	4	4	5
894	.95134	.95139	.95143	.95148	.95153	.95158	.95163	.95168	.95173	.95177	1	1	2	2	3	3	4	4	5
895	.95182	.95187	.95192	.95197	.95202	.95207	.95211	.95216	.95221	.95226	1	1	2	2	3	3	4	4	5
896	.95231	.95236	.95240	.95245	.95250	.95255	.95260	.95265	.95270	.95274	1	1	2	2	3	3	4	4	5
897	.95279	.95284	.95289	.95294	.95299	.95303	.95308	.95313	.95318	.95323	1	1	2	2	3	3	4	4	5
898	.95328	.95332	.95337	.95342	.95347	.95352	.95357	.95361	.95366	.95371	1	1	2	2	3	3	4	4	5
899	.95376	.95381	.95386	.95390	.95395	.95400	.95405	.95410	.95415	.95419	1	1	2	2	3	3	4	4	5
900	.95424	.95429	.95434	.95439	.95444	.95448	.95453	.95458	.95463	.95468	1	1	2	2	3	3	4	4	5
901	.95472	.95477	.95482	.95487	.95492	.95497	.95501	.95506	.95511	.95516	1	1	2	2	3	3	4	4	5
902	.95521	.95525	.95530	.95535	.95540	.95545	.95550	.95554	.95559	.95564	1	1	2	2	3	3	4	4	5
903	.95569	.95574	.95578	.95583	.95588	.95593	.95598	.95602	.95607	.95612	1	1	2	2	3	3	4	4	5
904	.95617	.95622	.95626	.95631	.95636	.95641	.95646	.95650	.95655	.95660	1	1	2	2	3	3	4	4	5
905	.95665	.95670	.95674	.95679	.95684	.95689	.95694	.95698	.95703	.95708	1	1	2	2	3	3	4	4	5
906	.95713	.95718	.95722	.95727	.95732	.95737	.95742	.95746	.95751	.95756	1	1	2	2	3	3	4	4	5
907	.95761	.95766	.95770	.95775	.95780	.95785	.95789	.95794	.95799	.95804	1	1	2	2	3	3	4	4	5
908	.95809	.95813	.95818	.95823	.95828	.95832	.95837	.95842	.95847	.95852	1	1	2	2	3	3	4	4	5
909	.95856	.95861	.95866	.95871	.95875	.95880	.95885	.95890	.95895	.95899	1	1	2	2	3	3	4	4	5
910	.95904	.95909	.95914	.95918	.95923	.95928	.95933	.95938	.95942	.95947	1	1	2	2	3	3	4	4	5
911	.95952	.95957	.95961	.95966	.95971	.95976	.95980	.95985	.95990	.95995	1	1	2	2	3	3	4	4	5
912	.95999	.96004	.96009	.96014	.96019	.96023	.96028	.96033	.96038	.96042	1	1	2	2	3	3	4	4	5
913	.96047	.96052	.96057	.96061	.96066	.96071	.96076	.96080	.96085	.96090	1	1	2	2	3	3	4	4	5
914	.96095	.96099	.96104	.96109	.96114	.96118	.96123	.96128	.96133	.96137	1	1	2	2	3	3	4	4	5
915	.96142	.96147	.96152	.96156	.96161	.96166	.96171	.96175	.96180	.96185	1	1	2	2	3	3	4	4	5

Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
916	.96190	.96194	.96199	.96204	.96209	.96213	.96218	.96223	.96227	.96232	1	1	2	2	3	3	4	4	5
917	.96237	.96242	.96246	.96251	.96256	.96261	.96265	.96270	.96275	.96280	1	1	2	2	3	3	4	4	5
918	.96284	.96289	.96294	.96298	.96303	.96308	.96313	.96317	.96322	.96327	1	1	2	2	3	3	4	4	5
919	.96332	.96336	.96341	.96346	.96350	.96355	.96360	.96365	.96369	.96374	1	1	2	2	3	3	4	4	5
920	.96379	.96384	.96388	.96393	.96398	.96402	.96407	.96412	.96417	.96421	1	1	2	2	3	3	4	4	5
921	.96426	.96431	.96435	.96440	.96445	.96450	.96454	.96459	.96464	.96468	1	1	2	2	3	3	4	4	5
922	.96473	.96478	.96483	.96487	.96492	.96497	.96501	.96506	.96511	.96515	1	1	2	2	3	3	4	4	5
923	.96520	.96525	.96530	.96534	.96539	.96544	.96548	.96553	.96558	.96562	1	1	2	2	3	3	4	4	5
924	.96567	.96572	.96577	.96581	.96586	.96591	.96595	.96600	.96605	.96609	1	1	2	2	3	3	4	4	5
925	.96614	.96619	.96624	.96628	.96633	.96638	.96642	.96647	.96652	.96656	1	1	2	2	3	3	4	4	5
926	.96661	.96666	.96670	.96675	.96680	.96685	.96689	.96694	.96699	.96703	1	1	2	2	3	3	4	4	5
927	.96708	.96713	.96717	.96722	.96727	.96731	.96736	.96741	.96745	.96750	1	1	2	2	3	3	4	4	5
928	.96755	.96759	.96764	.96769	.96774	.96778	.96783	.96788	.96792	.96797	1	1	2	2	3	3	4	4	5
929	.96802	.96806	.96811	.96816	.96820	.96825	.96830	.96834	.96839	.96844	1	1	2	2	3	3	4	4	5
930	.96848	.96853	.96858	.96862	.96867	.96872	.96876	.96881	.96886	.96890	1	1	2	2	3	3	4	4	5
931	.96895	.96900	.96904	.96909	.96914	.96918	.96923	.96928	.96932	.96937	1	1	2	2	3	3	4	4	5
932	.96942	.96946	.96951	.96956	.96960	.96965	.96970	.96974	.96979	.96984	1	1	2	2	3	3	4	4	5
933	.96988	.96993	.96997	.97002	.97007	.97011	.97016	.97021	.97025	.97030	1	1	2	2	3	3	4	4	5
934	.97035	.97039	.97044	.97049	.97053	.97058	.97063	.97067	.97072	.97077	1	1	2	2	3	3	4	4	5
935	.97081	.97086	.97090	.97095	.97100	.97104	.97109	.97114	.97118	.97123	1	1	2	2	3	3	4	4	5
936	.97128	.97132	.97137	.97142	.97146	.97151	.97155	.97160	.97165	.97169	1	1	2	2	3	3	4	4	5
937	.97174	.97179	.97183	.97188	.97192	.97197	.97202	.97206	.97211	.97216	1	1	2	2	3	3	4	4	5
938	.97220	.97225	.97230	.97234	.97239	.97243	.97248	.97253	.97257	.97262	1	1	2	2	3	3	4	4	5
939	.97267	.97271	.97276	.97280	.97285	.97290	.97294	.97299	.97304	.97308	1	1	2	2	3	3	4	4	5
940	.97313	.97317	.97322	.97327	.97331	.97336	.97340	.97345	.97350	.97354	1	1	2	2	3	3	4	4	5
941	.97359	.97364	.97368	.97373	.97377	.97382	.97387	.97391	.97396	.97400	1	1	2	2	3	3	4	4	5
942	.97405	.97410	.97414	.97419	.97424	.97428	.97433	.97437	.97442	.97447	1	1	2	2	3	3	4	4	5
943	.97451	.97456	.97460	.97465	.97470	.97474	.97479	.97483	.97488	.97493	1	1	2	2	3	3	4	4	5
944	.97497	.97502	.97506	.97511	.97516	.97520	.97525	.97529	.97534	.97539	1	1	2	2	3	3	4	4	5
945	.97543	.97548	.97552	.97557	.97562	.97566	.97571	.97575	.97580	.97585	1	1	2	2	3	3	4	4	5
946	.97589	.97594	.97598	.97603	.97607	.97612	.97617	.97621	.97626	.97630	1	1	2	2	3	3	4	4	5
947	.97635	.97640	.97644	.97649	.97653	.97658	.97663	.97667	.97672	.97676	1	1	2	2	3	3	4	4	5
948	.97681	.97685	.97690	.97695	.97699	.97704	.97708	.97713	.97717	.97722	1	1	2	2	3	3	4	4	5
949	.97727	.97731	.97736	.97740	.97745	.97749	.97754	.97759	.97763	.97768	1	1	2	2	3	3	4	4	5
950	.97772	.97777	.97782	.97786	.97791	.97795	.97800	.97804	.97809	.97813	1	1	2	2	3	3	4	4	5
951	.97818	.97823	.97827	.97832	.97836	.97841	.97845	.97850	.97855	.97859	1	1	2	2	3	3	4	4	5
952	.97864	.97868	.97873	.97877	.97882	.97886	.97891	.97896	.97900	.97905	1	1	2	2	3	3	4	4	5
953	.97909	.97914	.97918	.97923	.97928	.97932	.97937	.97941	.97946	.97950	1	1	2	2	3	3	4	4	5
954	.97955	.97959	.97964	.97968	.97973	.97978	.97982	.97987	.97991	.97996	1	1	2	2	3	3	4	4	5
955	.98000	.98005	.98009	.98014	.98019	.98023	.98028	.98032	.98037	.98041	1	1	2	2	3	3	4	4	5
956	.98046	.98050	.98055	.98059	.98064	.98068	.98073	.98078	.98082	.98087	1	1	2	2	3	3	4	4	5
957	.98091	.98096	.98100	.98105	.98109	.98114	.98118	.98123	.98127	.98132	1	1	2	2	3	3	4	4	5
958	.98137	.98141	.98146	.98150	.98155	.98159	.98164	.98168	.98173	.98177	1	1	2	2	3	3	4	4	5
959	.98182	.98186	.98191	.98195	.98200	.98204	.98209	.98214	.98218	.98223	1	1	2	2	3	3	4	4	5
960	.98227	.98232	.98236	.98241	.98245	.98250	.98254	.98259	.98263	.98268	1	1	2	2	3	3	4	4	5
961	.98272	.98277	.98281	.98286	.98290	.98295	.98299	.98304	.98308	.98313	1	1	2	2	3	3	4	4	5
962	.98318	.98322	.98327	.98331	.98336	.98340	.98345	.98349	.98354	.98358	1	1	2	2	3	3	4	4	5
963	.98363	.98367	.98372	.98376	.98381	.98385	.98390	.98394	.98399	.98403	1	1	2	2	3	3	4	4	5
964	.98408	.98412	.98417	.98421	.98426	.98430	.98435	.98439	.98444	.98448	1	1	2	2	3	3	4	4	5
965	.98453	.98457	.98462	.98466	.98471	.98475	.98480	.98484	.98489	.98493	0	1	1	2	2	3	3	4	4
966	.98498	.98502	.98507	.98511	.98516	.98520	.98525	.98529	.98534	.98538	0	1	1	2	2	3	3	4	4

Logarithms Base 10

N	0	1	2	3	4	5	6	7	8	9	Mean Difference								
											1	2	3	4	5	6	7	8	9
967	.98543	.98547	.98552	.98556	.98561	.98565	.98570	.98574	.98579	.98583	0	1	1	2	2	3	3	4	4
968	.98588	.98592	.98597	.98601	.98605	.98610	.98614	.98619	.98623	.98628	0	1	1	2	2	3	3	4	4
969	.98632	.98637	.98641	.98646	.98650	.98655	.98659	.98664	.98668	.98673	0	1	1	2	2	3	3	4	4
970	.98677	.98682	.98686	.98691	.98695	.98700	.98704	.98709	.98713	.98717	0	1	1	2	2	3	3	4	4
971	.98722	.98726	.98731	.98735	.98740	.98744	.98749	.98753	.98758	.98762	0	1	1	2	2	3	3	4	4
972	.98767	.98771	.98776	.98780	.98784	.98789	.98793	.98798	.98802	.98807	0	1	1	2	2	3	3	4	4
973	.98811	.98816	.98820	.98825	.98829	.98834	.98838	.98843	.98847	.98851	0	1	1	2	2	3	3	4	4
974	.98856	.98860	.98865	.98869	.98874	.98878	.98883	.98887	.98892	.98896	0	1	1	2	2	3	3	4	4
975	.98900	.98905	.98909	.98914	.98918	.98923	.98927	.98932	.98936	.98941	0	1	1	2	2	3	3	4	4
976	.98945	.98949	.98954	.98958	.98963	.98967	.98972	.98976	.98981	.98985	0	1	1	2	2	3	3	4	4
977	.98989	.98994	.98998	.99003	.99007	.99012	.99016	.99021	.99025	.99029	0	1	1	2	2	3	3	4	4
978	.99034	.99038	.99043	.99047	.99052	.99056	.99061	.99065	.99069	.99074	0	1	1	2	2	3	3	4	4
979	.99078	.99083	.99087	.99092	.99096	.99100	.99105	.99109	.99114	.99118	0	1	1	2	2	3	3	4	4
980	.99123	.99127	.99131	.99136	.99140	.99145	.99149	.99154	.99158	.99162	0	1	1	2	2	3	3	4	4
981	.99167	.99171	.99176	.99180	.99185	.99189	.99193	.99198	.99202	.99207	0	1	1	2	2	3	3	4	4
982	.99211	.99216	.99220	.99224	.99229	.99233	.99238	.99242	.99247	.99251	0	1	1	2	2	3	3	4	4
983	.99255	.99260	.99264	.99269	.99273	.99277	.99282	.99286	.99291	.99295	0	1	1	2	2	3	3	4	4
984	.99300	.99304	.99308	.99313	.99317	.99322	.99326	.99330	.99335	.99339	0	1	1	2	2	3	3	4	4
985	.99344	.99348	.99352	.99357	.99361	.99366	.99370	.99374	.99379	.99383	0	1	1	2	2	3	3	4	4
986	.99388	.99392	.99396	.99401	.99405	.99410	.99414	.99419	.99423	.99427	0	1	1	2	2	3	3	4	4
987	.99432	.99436	.99441	.99445	.99449	.99454	.99458	.99463	.99467	.99471	0	1	1	2	2	3	3	4	4
988	.99476	.99480	.99484	.99489	.99493	.99498	.99502	.99506	.99511	.99515	0	1	1	2	2	3	3	4	4
989	.99520	.99524	.99528	.99533	.99537	.99542	.99546	.99550	.99555	.99559	0	1	1	2	2	3	3	4	4
990	.99564	.99568	.99572	.99577	.99581	.99585	.99590	.99594	.99599	.99603	0	1	1	2	2	3	3	4	4
991	.99607	.99612	.99616	.99621	.99625	.99629	.99634	.99638	.99642	.99647	0	1	1	2	2	3	3	4	4
992	.99651	.99656	.99660	.99664	.99669	.99673	.99677	.99682	.99686	.99691	0	1	1	2	2	3	3	4	4
993	.99695	.99699	.99704	.99708	.99712	.99717	.99721	.99726	.99730	.99734	0	1	1	2	2	3	3	4	4
994	.99739	.99743	.99747	.99752	.99756	.99760	.99765	.99769	.99774	.99778	0	1	1	2	2	3	3	4	4
995	.99782	.99787	.99791	.99795	.99800	.99804	.99808	.99813	.99817	.99822	0	1	1	2	2	3	3	4	4
996	.99826	.99830	.99835	.99839	.99843	.99848	.99852	.99856	.99861	.99865	0	1	1	2	2	3	3	4	4
997	.99870	.99874	.99878	.99883	.99887	.99891	.99896	.99900	.99904	.99909	0	1	1	2	2	3	3	4	4
998	.99913	.99917	.99922	.99926	.99930	.99935	.99939	.99944	.99948	.99952	0	1	1	2	2	3	3	4	4
999	.99957	.99961	.99965	.99970	.99974	.99978	.99983	.99987	.99991	.99996	0	1	1	2	2	3	3	4	4