

**FOUR-PLACE
TABLES OF
LOGARITHMS**

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Four-place Tables of Logarithms by William Anthony Granville

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WILLIAM ANTHONY GRANVILLE

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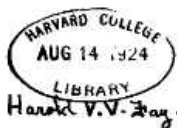
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CONTENTS

	PAGES
TABLE I. LOGARITHMS OF NUMBERS	1-5
RULES FOR FINDING THE LOGARITHMS OF THE TRIGONOMETRIC FUNCTIONS OF ANGLES NEAR 0° AND 90° . .	6
TABLE II. LOGARITHMS OF THE TRIGONOMETRIC FUNCTIONS, THE ANGLE BEING EXPRESSED IN DEGREES AND MINUTES	7-16
CONVERSION TABLES FOR ANGLES	17
TABLE III. LOGARITHMS OF THE TRIGONOMETRIC FUNCTIONS, THE ANGLE BEING EXPRESSED IN DEGREES AND THE DECIMAL PART OF A DEGREE	19-37
TABLE OF NATURAL VALUES OF THE TRIGONOMETRIC FUNCTIONS FOR EVERY DEGREE	38



TABLE I

FOUR-PLACE LOGARITHMS OF NUMBERS

This table gives the mantissas of the common logarithms (base 10) of the natural numbers (integers) from 1 to 2000, calculated to four places of decimals.

A logarithm found from this table by interpolation may be in error by one unit in the last decimal place.

TABLE I. LOGARITHMS OF NUMBERS

No.	0	1	2	3	4	5	6	7	8	9	Prop. Parts		
100	0000	0004	0009	0013	0017	0022	0026	0030	0035	0039	Extra digit	Difference	
101	0043	0048	0052	0056	0060	0065	0069	0073	0077	0082			5
102	0086	0090	0095	0099	0103	0107	0111	0116	0120	0124			0.5
103	0128	0133	0137	0141	0145	0149	0154	0158	0162	0166			1.0
104	0170	0175	0179	0183	0187	0191	0195	0199	0204	0208			1.5
105	0212	0216	0220	0224	0228	0233	0237	0241	0245	0249			2.0
106	0253	0257	0261	0265	0269	0273	0278	0282	0286	0290			2.5
107	0294	0298	0302	0306	0310	0314	0318	0322	0326	0330			3.0
108	0334	0338	0342	0346	0350	0354	0358	0362	0366	0370			3.5
109	0374	0378	0382	0386	0390	0394	0398	0402	0406	0410			4.0
110	0414	0418	0422	0426	0430	0434	0438	0441	0445	0449	4.5		
111	0453	0457	0461	0465	0469	0473	0477	0481	0484	0488	4		
112	0492	0496	0500	0504	0508	0512	0515	0519	0523	0527		0.4	
113	0531	0535	0538	0542	0546	0550	0554	0558	0561	0565		0.8	
114	0569	0573	0577	0580	0584	0588	0592	0596	0599	0603		1.2	
115	0607	0611	0615	0618	0622	0626	0630	0633	0637	0641		1.6	
116	0645	0648	0652	0656	0660	0663	0667	0671	0674	0678		2.0	
117	0682	0686	0689	0693	0697	0700	0704	0708	0711	0715		2.4	
118	0719	0722	0726	0730	0734	0737	0741	0745	0748	0752		2.8	
119	0755	0759	0763	0766	0770	0774	0777	0781	0785	0788		3.2	
120	0792	0795	0799	0803	0806	0810	0813	0817	0821	0824		3.6	
121	0828	0831	0835	0839	0842	0846	0849	0853	0856	0860	3		
122	0864	0867	0871	0874	0878	0881	0885	0888	0892	0896		0.3	
123	0899	0903	0906	0910	0913	0917	0920	0924	0927	0931		0.6	
124	0934	0938	0941	0945	0948	0952	0955	0959	0962	0966		0.9	
125	0969	0973	0976	0980	0983	0986	0990	0993	0997	1000		1.2	
126	1004	1007	1011	1014	1017	1021	1024	1028	1031	1035		1.5	
127	1038	1041	1045	1048	1052	1055	1059	1062	1065	1069		1.8	
128	1072	1075	1079	1082	1086	1089	1093	1096	1099	1103		2.1	
129	1106	1109	1113	1116	1119	1123	1126	1129	1133	1136		2.4	
130	1139	1143	1146	1149	1153	1156	1159	1163	1166	1169		2.7	
131	1173	1176	1179	1183	1186	1189	1193	1196	1199	1202	2		
132	1206	1209	1212	1216	1219	1222	1225	1229	1232	1235		0.2	
133	1239	1242	1245	1248	1252	1255	1258	1261	1265	1268		0.4	
134	1271	1274	1278	1281	1284	1287	1290	1294	1297	1300		0.6	
135	1303	1307	1310	1313	1316	1319	1323	1326	1329	1332		0.8	
136	1335	1339	1342	1345	1348	1351	1355	1358	1361	1364		1.0	
137	1367	1370	1374	1377	1380	1383	1386	1389	1392	1396		1.2	
138	1399	1402	1405	1408	1411	1414	1418	1421	1424	1427		1.4	
139	1430	1433	1436	1440	1443	1446	1449	1452	1455	1458		1.6	
140	1461	1464	1467	1471	1474	1477	1480	1483	1486	1489		1.8	
141	1492	1495	1498	1501	1504	1508	1511	1514	1517	1520	1		
142	1523	1526	1529	1532	1535	1538	1541	1544	1547	1550		0.2	
143	1553	1556	1559	1562	1565	1569	1572	1575	1578	1581		0.4	
144	1584	1587	1590	1593	1596	1599	1602	1605	1608	1611		0.6	
145	1614	1617	1620	1623	1626	1629	1632	1635	1638	1641		0.8	
146	1644	1647	1649	1652	1655	1658	1661	1664	1667	1670		1.0	
147	1673	1676	1679	1682	1685	1688	1691	1694	1697	1700		1.2	
148	1703	1706	1708	1711	1714	1717	1720	1723	1726	1729		1.4	
149	1732	1735	1738	1741	1744	1746	1749	1752	1755	1758		1.6	
150	1761	1764	1767	1770	1772	1775	1778	1781	1784	1787		1.8	
No.	0	1	2	3	4	5	6	7	8	9			

TABLE I. LOGARITHMS OF NUMBERS

No.	0	1	2	3	4	5	6	7	8	9	Prop. Parts																					
150	1761	1764	1767	1770	1772	1775	1778	1781	1784	1787	<table border="1"> <tr> <td rowspan="2">Extra digit</td> <td>3</td> </tr> <tr> <td>Difference</td> </tr> <tr> <td>1</td> <td>0.3</td> </tr> <tr> <td>2</td> <td>0.6</td> </tr> <tr> <td>3</td> <td>0.9</td> </tr> <tr> <td>4</td> <td>1.2</td> </tr> <tr> <td>5</td> <td>1.5</td> </tr> <tr> <td>6</td> <td>1.8</td> </tr> <tr> <td>7</td> <td>2.1</td> </tr> <tr> <td>8</td> <td>2.4</td> </tr> <tr> <td>9</td> <td>2.7</td> </tr> </table>	Extra digit	3	Difference	1	0.3	2	0.6	3	0.9	4	1.2	5	1.5	6	1.8	7	2.1	8	2.4	9	2.7
Extra digit	3																															
	Difference																															
1	0.3																															
2	0.6																															
3	0.9																															
4	1.2																															
5	1.5																															
6	1.8																															
7	2.1																															
8	2.4																															
9	2.7																															
151	1790	1793	1796	1798	1801	1804	1807	1810	1813	1816																						
152	1818	1821	1824	1827	1830	1833	1836	1838	1841	1844																						
153	1847	1850	1853	1855	1858	1861	1864	1867	1870	1872																						
154	1875	1878	1881	1884	1886	1889	1892	1895	1898	1901																						
155	1903	1906	1909	1912	1915	1917	1920	1923	1926	1928																						
156	1931	1934	1937	1940	1942	1945	1948	1951	1953	1956																						
157	1959	1962	1965	1967	1970	1973	1976	1978	1981	1984																						
158	1987	1989	1992	1995	1998	2000	2003	2006	2009	2011																						
159	2014	2017	2019	2022	2025	2028	2030	2033	2036	2038																						
160	2041	2044	2047	2049	2052	2055	2057	2060	2063	2066																						
161	2068	2071	2074	2076	2079	2082	2084	2087	2090	2092																						
162	2095	2098	2101	2103	2106	2109	2111	2114	2117	2119																						
163	2122	2125	2127	2130	2133	2135	2138	2140	2143	2146																						
164	2148	2151	2154	2156	2159	2162	2164	2167	2170	2172																						
165	2175	2177	2180	2183	2185	2188	2191	2193	2196	2198																						
166	2201	2204	2206	2209	2212	2214	2217	2219	2222	2225																						
167	2227	2230	2232	2235	2238	2240	2243	2245	2248	2251																						
168	2253	2256	2258	2261	2263	2266	2269	2271	2274	2276																						
169	2279	2281	2284	2287	2289	2292	2294	2297	2299	2302																						
170	2304	2307	2310	2312	2315	2317	2320	2322	2325	2327																						
171	2330	2333	2335	2338	2340	2343	2345	2348	2350	2353																						
172	2355	2358	2360	2363	2365	2368	2370	2373	2375	2378																						
173	2380	2383	2385	2388	2390	2393	2395	2398	2400	2403																						
174	2405	2408	2410	2413	2415	2418	2420	2423	2425	2428																						
175	2430	2433	2435	2438	2440	2443	2445	2448	2450	2453																						
176	2455	2458	2460	2463	2465	2467	2470	2472	2475	2477																						
177	2480	2482	2485	2487	2490	2492	2494	2497	2499	2502																						
178	2504	2507	2509	2512	2514	2516	2519	2521	2524	2526																						
179	2529	2531	2533	2536	2538	2541	2543	2545	2548	2550																						
180	2553	2555	2558	2560	2562	2565	2567	2570	2572	2574																						
181	2577	2579	2582	2584	2586	2589	2591	2594	2596	2598																						
182	2601	2603	2605	2608	2610	2613	2615	2617	2620	2622																						
183	2625	2627	2629	2632	2634	2636	2639	2641	2643	2646																						
184	2648	2651	2653	2655	2658	2660	2662	2665	2667	2669																						
185	2672	2674	2676	2679	2681	2683	2686	2688	2690	2693																						
186	2695	2697	2700	2702	2704	2707	2709	2711	2714	2716																						
187	2718	2721	2723	2725	2728	2730	2732	2735	2737	2739																						
188	2742	2744	2746	2749	2751	2753	2755	2758	2760	2762																						
189	2765	2767	2769	2772	2774	2776	2778	2781	2783	2785																						
190	2788	2790	2792	2794	2797	2799	2801	2804	2806	2808																						
191	2810	2813	2815	2817	2819	2822	2824	2826	2828	2831																						
192	2833	2835	2838	2840	2842	2844	2847	2849	2851	2853																						
193	2856	2858	2860	2862	2865	2867	2869	2871	2874	2876																						
194	2878	2880	2883	2885	2887	2889	2891	2894	2896	2898																						
195	2900	2903	2905	2907	2909	2911	2914	2916	2918	2920																						
196	2923	2925	2927	2929	2931	2934	2936	2938	2940	2942																						
197	2945	2947	2949	2951	2953	2956	2958	2960	2962	2964																						
198	2967	2969	2971	2973	2975	2978	2980	2982	2984	2986																						
199	2989	2991	2993	2995	2997	2999	3002	3004	3006	3008																						
200	3010	3012	3015	3017	3019	3021	3023	3025	3028	3030																						
No.	0	1	2	3	4	5	6	7	8	9																						