

## 自然对数表 [Ln(N)]

N	0	1	2	3	4	5
1.0	0.0000	0.0100	0.0198	0.0296	0.0392	0.0488
1.1	0.0953	0.1044	0.1133	0.1222	0.1310	0.1398
1.2	0.1823	0.1906	0.1989	0.2070	0.2151	0.2231
1.3	0.2624	0.2700	0.2776	0.2852	0.2927	0.3001
1.4	0.3365	0.3436	0.3507	0.3577	0.3646	0.3716
1.5	0.4055	0.4121	0.4187	0.4253	0.4318	0.4383
1.6	0.4700	0.4762	0.4824	0.4886	0.4947	0.5008
1.7	0.5306	0.5365	0.5423	0.5481	0.5539	0.5596
1.8	0.5878	0.5933	0.5988	0.6043	0.6098	0.6152
1.9	0.6419	0.6471	0.6523	0.6575	0.6627	0.6678
2.0	0.6931	0.6981	0.7031	0.7080	0.7129	0.7178
2.1	0.7419	0.7467	0.7514	0.7561	0.7608	0.7655
2.2	0.7885	0.7930	0.7975	0.8020	0.8065	0.8109
2.3	0.8329	0.8372	0.8416	0.8459	0.8502	0.8544
2.4	0.8755	0.8796	0.8838	0.8879	0.8920	0.8961
2.5	0.9163	0.9203	0.9243	0.9282	0.9322	0.9361
2.6	0.9555	0.9594	0.9632	0.9670	0.9708	0.9746
2.7	0.9933	0.9969	1.0006	1.0043	1.0080	1.0116
2.8	1.0296	1.0332	1.0367	1.0403	1.0438	1.0473
2.9	1.0647	1.0682	1.0716	1.0750	1.0784	1.0818
3.0	1.0986	1.1019	1.1053	1.1086	1.1119	1.1151
3.1	1.1314	1.1346	1.1378	1.1410	1.1442	1.1474
3.2	1.1632	1.1663	1.1694	1.1725	1.1756	1.1787
3.3	1.1939	1.1969	1.2000	1.2030	1.2060	1.2090
3.4	1.2238	1.2267	1.2296	1.2326	1.2355	1.2384
3.5	1.2528	1.2556	1.2585	1.2613	1.2641	1.2669
3.6	1.2809	1.2837	1.2865	1.2892	1.2920	1.2947
3.7	1.3083	1.3110	1.3137	1.3164	1.3191	1.3218
3.8	1.3350	1.3376	1.3403	1.3429	1.3455	1.3481
3.9	1.3610	1.3635	1.3661	1.3686	1.3712	1.3737
4.0	1.3863	1.3888	1.3913	1.3938	1.3962	1.3987
4.1	1.4110	1.4134	1.4159	1.4183	1.4207	1.4231
4.2	1.4351	1.4375	1.4398	1.4422	1.4446	1.4469
4.3	1.4586	1.4609	1.4633	1.4656	1.4679	1.4702
4.4	1.4816	1.4839	1.4861	1.4884	1.4907	1.4929
4.5	1.5041	1.5063	1.5085	1.5107	1.5129	1.5151
4.6	1.5261	1.5282	1.5304	1.5326	1.5347	1.5369
4.7	1.5476	1.5497	1.5518	1.5539	1.5560	1.5581
4.8	1.5686	1.5707	1.5728	1.5748	1.5769	1.5790
4.9	1.5892	1.5913	1.5933	1.5953	1.5974	1.5994

5.0	1.6094	1.6114	1.6134	1.6154	1.6174	1.6194
5.1	1.6292	1.6312	1.6332	1.6351	1.6371	1.6390
5.2	1.6487	1.6506	1.6525	1.6544	1.6563	1.6582
5.3	1.6677	1.6696	1.6715	1.6734	1.6752	1.6771
5.4	1.6864	1.6882	1.6901	1.6919	1.6938	1.6956
5.5	1.7047	1.7066	1.7084	1.7102	1.7120	1.7138
5.6	1.7228	1.7246	1.7263	1.7281	1.7299	1.7317
5.7	1.7405	1.7422	1.7440	1.7457	1.7475	1.7492
5.8	1.7579	1.7596	1.7613	1.7630	1.7647	1.7664
5.9	1.7750	1.7766	1.7783	1.7800	1.7817	1.7834
6.0	1.7918	1.7934	1.7951	1.7967	1.7984	1.8001
6.1	1.8083	1.8099	1.8116	1.8132	1.8148	1.8165
6.2	1.8245	1.8262	1.8278	1.8294	1.8310	1.8326
6.3	1.8405	1.8421	1.8437	1.8453	1.8469	1.8485
6.4	1.8563	1.8579	1.8594	1.8610	1.8625	1.8641
6.5	1.8718	1.8733	1.8749	1.8764	1.8779	1.8795
6.6	1.8871	1.8886	1.8901	1.8916	1.8931	1.8946
6.7	1.9021	1.9036	1.9051	1.9066	1.9081	1.9095
6.8	1.9169	1.9184	1.9199	1.9213	1.9228	1.9242
6.9	1.9315	1.9330	1.9344	1.9359	1.9373	1.9387
7.0	1.9459	1.9473	1.9488	1.9502	1.9516	1.9530
7.1	1.9601	1.9615	1.9629	1.9643	1.9657	1.9671
7.2	1.9741	1.9755	1.9769	1.9782	1.9796	1.9810
7.3	1.9879	1.9892	1.9906	1.9920	1.9933	1.9947
7.4	2.0015	2.0028	2.0042	2.0055	2.0069	2.0082
7.5	2.0149	2.0162	2.0176	2.0189	2.0202	2.0215
7.6	2.0281	2.0295	2.0308	2.0321	2.0334	2.0347
7.7	2.0412	2.0425	2.0438	2.0451	2.0464	2.0477
7.8	2.0541	2.0554	2.0567	2.0580	2.0592	2.0605
7.9	2.0669	2.0681	2.0694	2.0707	2.0719	2.0732
8.0	2.0794	2.0807	2.0819	2.0832	2.0844	2.0857
8.1	2.0919	2.0931	2.0943	2.0956	2.0968	2.0980
8.2	2.1041	2.1054	2.1066	2.1078	2.1090	2.1102
8.3	2.1163	2.1175	2.1187	2.1199	2.1211	2.1223
8.4	2.1282	2.1294	2.1306	2.1318	2.1330	2.1342
8.5	2.1401	2.1412	2.1424	2.1436	2.1448	2.1459
8.6	2.1518	2.1529	2.1541	2.1552	2.1564	2.1576
8.7	2.1633	2.1645	2.1656	2.1668	2.1679	2.1691
8.8	2.1748	2.1759	2.1770	2.1782	2.1793	2.1804
8.9	2.1861	2.1872	2.1883	2.1894	2.1905	2.1917

9.0	2.1972	2.1983	2.1994	2.2006	2.2017	2.2028
9.1	2.2083	2.2094	2.2105	2.2116	2.2127	2.2138
9.2	2.2192	2.2203	2.2214	2.2225	2.2235	2.2246
9.3	2.2300	2.2311	2.2322	2.2332	2.2343	2.2354
9.4	2.2407	2.2418	2.2428	2.2439	2.2450	2.2460
9.5	2.2513	2.2523	2.2534	2.2544	2.2555	2.2565
9.6	2.2618	2.2628	2.2638	2.2649	2.2659	2.2670
9.7	2.2721	2.2732	2.2742	2.2752	2.2762	2.2773
9.8	2.2824	2.2834	2.2844	2.2854	2.2865	2.2875
9.9	2.2925	2.2935	2.2946	2.2956	2.2966	2.2976
10.0	2.3026	2.3036	2.3046	2.3056	2.3066	2.3076

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6	7	8	9
0.0583	0.0677	0.0770	0.0862
0.1484	0.1570	0.1655	0.1740
0.2311	0.2390	0.2469	0.2546
0.3075	0.3148	0.3221	0.3293
0.3784	0.3853	0.3920	0.3988
0.4447	0.4511	0.4574	0.4637
0.5068	0.5128	0.5188	0.5247
0.5653	0.5710	0.5766	0.5822
0.6206	0.6259	0.6313	0.6366
0.6729	0.6780	0.6831	0.6881
0.7227	0.7275	0.7324	0.7372
0.7701	0.7747	0.7793	0.7839
0.8154	0.8198	0.8242	0.8286
0.8587	0.8629	0.8671	0.8713
0.9002	0.9042	0.9083	0.9123
0.9400	0.9439	0.9478	0.9517
0.9783	0.9821	0.9858	0.9895
1.0152	1.0188	1.0225	1.0260
1.0508	1.0543	1.0578	1.0613
1.0852	1.0886	1.0919	1.0953
1.1184	1.1217	1.1249	1.1282
1.1506	1.1537	1.1569	1.1600
1.1817	1.1848	1.1878	1.1909
1.2119	1.2149	1.2179	1.2208
1.2413	1.2442	1.2470	1.2499
1.2698	1.2726	1.2754	1.2782
1.2975	1.3002	1.3029	1.3056
1.3244	1.3271	1.3297	1.3324
1.3507	1.3533	1.3558	1.3584
1.3762	1.3788	1.3813	1.3838
1.4012	1.4036	1.4061	1.4085
1.4255	1.4279	1.4303	1.4327
1.4493	1.4516	1.4540	1.4563
1.4725	1.4748	1.4770	1.4793
1.4951	1.4974	1.4996	1.5019
1.5173	1.5195	1.5217	1.5239
1.5390	1.5412	1.5433	1.5454
1.5602	1.5623	1.5644	1.5665
1.5810	1.5831	1.5851	1.5872
1.6014	1.6034	1.6054	1.6074

1.6214	1.6233	1.6253	1.6273
1.6409	1.6429	1.6448	1.6467
1.6601	1.6620	1.6639	1.6658
1.6790	1.6808	1.6827	1.6845
1.6974	1.6993	1.7011	1.7029
1.7156	1.7174	1.7192	1.7210
1.7334	1.7352	1.7370	1.7387
1.7509	1.7527	1.7544	1.7561
1.7681	1.7699	1.7716	1.7733
1.7851	1.7867	1.7884	1.7901

1.8017	1.8034	1.8050	1.8066
1.8181	1.8197	1.8213	1.8229
1.8342	1.8358	1.8374	1.8390
1.8500	1.8516	1.8532	1.8547
1.8656	1.8672	1.8687	1.8703
1.8810	1.8825	1.8840	1.8856
1.8961	1.8976	1.8991	1.9006
1.9110	1.9125	1.9140	1.9155
1.9257	1.9272	1.9286	1.9301
1.9402	1.9416	1.9430	1.9445

1.9544	1.9559	1.9573	1.9587
1.9685	1.9699	1.9713	1.9727
1.9824	1.9838	1.9851	1.9865
1.9961	1.9974	1.9988	2.0001
2.0096	2.0109	2.0122	2.0136
2.0229	2.0242	2.0255	2.0268
2.0360	2.0373	2.0386	2.0399
2.0490	2.0503	2.0516	2.0528
2.0618	2.0631	2.0643	2.0656
2.0744	2.0757	2.0769	2.0782

2.0869	2.0882	2.0894	2.0906
2.0992	2.1005	2.1017	2.1029
2.1114	2.1126	2.1138	2.1150
2.1235	2.1247	2.1258	2.1270
2.1353	2.1365	2.1377	2.1389
2.1471	2.1483	2.1494	2.1506
2.1587	2.1599	2.1610	2.1622
2.1702	2.1713	2.1725	2.1736
2.1815	2.1827	2.1838	2.1849
2.1928	2.1939	2.1950	2.1961

2.2039	2.2050	2.2061	2.2072
2.2148	2.2159	2.2170	2.2181
2.2257	2.2268	2.2279	2.2289
2.2364	2.2375	2.2386	2.2396
2.2471	2.2481	2.2492	2.2502
2.2576	2.2586	2.2597	2.2607
2.2680	2.2690	2.2701	2.2711
2.2783	2.2793	2.2803	2.2814
2.2885	2.2895	2.2905	2.2915
2.2986	2.2996	2.3006	2.3016
2.3086	2.3096	2.3106	2.3115