

# Logarithm Table

No	Log(base 10)	No	Log(base 10)	No	Log(base 10)	No	Log(base 10)	No	Log (base 10)
1	0			2	0.30103	3	0.477121	4	0.60206
1.001	0.000434			2.01	0.303196	3.01	0.478567	4.01	0.603144
1.002	0.000868			2.02	0.305351	3.02	0.480007	4.02	0.604226
1.003	0.001301			2.03	0.307496	3.03	0.481443	4.03	0.605305
1.004	0.001734			2.04	0.30963	3.04	0.482874	4.04	0.606381
1.005	0.002166			2.05	0.311754	3.05	0.4843	4.05	0.607455
1.006	0.002598			2.06	0.313867	3.06	0.485721	4.06	0.608526
1.007	0.003029			2.07	0.31597	3.07	0.487138	4.07	0.609594
1.008	0.003461			2.08	0.318063	3.08	0.488551	4.08	0.61066
1.009	0.003891			2.09	0.320146	3.09	0.489959	4.09	0.611723
1.01	0.004321	1.1	0.041393	2.1	0.322219	3.1	0.491362	4.1	0.612784
1.011	0.004751	1.11	0.045323	2.11	0.324283	3.11	0.49276	4.11	0.613842
1.012	0.005181	1.12	0.049218	2.12	0.326336	3.12	0.494155	4.12	0.614897
1.013	0.005609	1.13	0.053078	2.13	0.32838	3.13	0.495544	4.13	0.61595
1.014	0.006038	1.14	0.056905	2.14	0.330414	3.14	0.49693	4.14	0.617
1.015	0.006466	1.15	0.060698	2.15	0.332439	3.15	0.498311	4.15	0.618048
1.016	0.006894	1.16	0.064458	2.16	0.334454	3.16	0.499687	4.16	0.619093
1.017	0.007321	1.17	0.068186	2.17	0.33646	3.17	0.501059	4.17	0.620136
1.018	0.007748	1.18	0.071882	2.18	0.338457	3.18	0.502427	4.18	0.621176
1.019	0.008174	1.19	0.075547	2.19	0.340444	3.19	0.503791	4.19	0.622214
1.02	0.0086	1.2	0.079181	2.2	0.342423	3.2	0.50515	4.2	0.623249
1.021	0.009026	1.21	0.082785	2.21	0.344392	3.21	0.506505	4.21	0.624282
1.022	0.009451	1.22	0.08636	2.22	0.346353	3.22	0.507856	4.22	0.625313
1.023	0.009876	1.23	0.089905	2.23	0.348305	3.23	0.509203	4.23	0.62634
1.024	0.0103	1.24	0.093422	2.24	0.350248	3.24	0.510545	4.24	0.627366
1.025	0.010724	1.25	0.09691	2.25	0.352183	3.25	0.511883	4.25	0.628389
1.026	0.011147	1.26	0.100371	2.26	0.354108	3.26	0.513218	4.26	0.62941
1.027	0.01157	1.27	0.103804	2.27	0.356026	3.27	0.514548	4.27	0.630428
1.028	0.011993	1.28	0.10721	2.28	0.357935	3.28	0.515874	4.28	0.631444
1.029	0.012415	1.29	0.11059	2.29	0.359836	3.29	0.517196	4.29	0.632457
1.03	0.012837	1.3	0.113943	2.3	0.361728	3.3	0.518514	4.3	0.633469
1.031	0.013259	1.31	0.117271	2.31	0.363612	3.31	0.519828	4.31	0.634477
1.032	0.01368	1.32	0.120574	2.32	0.365488	3.32	0.521138	4.32	0.635484
1.033	0.0141	1.33	0.123852	2.33	0.367356	3.33	0.522444	4.33	0.636488
1.034	0.014521	1.34	0.127105	2.34	0.369216	3.34	0.523747	4.34	0.63749
1.035	0.01494	1.35	0.130334	2.35	0.371068	3.35	0.525045	4.35	0.638489
1.036	0.01536	1.36	0.133539	2.36	0.372912	3.36	0.526339	4.36	0.639487
1.037	0.015779	1.37	0.136721	2.37	0.374748	3.37	0.52763	4.37	0.640481
1.038	0.016197	1.38	0.139879	2.38	0.376577	3.38	0.528917	4.38	0.641474
1.039	0.016616	1.39	0.143015	2.39	0.378398	3.39	0.5302	4.39	0.642465

1.04	0.017033	1.4	0.146128	2.4	0.380211	3.4	0.531479	4.4	0.643453
1.041	0.017451	1.41	0.149219	2.41	0.382017	3.41	0.532754	4.41	0.644439
1.042	0.017868	1.42	0.152288	2.42	0.383815	3.42	0.534026	4.42	0.645422
1.043	0.018284	1.43	0.155336	2.43	0.385606	3.43	0.535294	4.43	0.646404
1.044	0.018701	1.44	0.158363	2.44	0.38739	3.44	0.536558	4.44	0.647383
1.045	0.019116	1.45	0.161368	2.45	0.389166	3.45	0.537819	4.45	0.64836
1.046	0.019532	1.46	0.164353	2.46	0.390935	3.46	0.539076	4.46	0.649335
1.047	0.019947	1.47	0.167317	2.47	0.392697	3.47	0.54033	4.47	0.650308
1.048	0.020361	1.48	0.170262	2.48	0.394452	3.48	0.541579	4.48	0.651278
1.049	0.020775	1.49	0.173186	2.49	0.396199	3.49	0.542825	4.49	0.652246
1.05	0.021189	1.5	0.176091	2.5	0.39794	3.5	0.544068	4.5	0.653213
1.051	0.021603	1.51	0.178977	2.51	0.399674	3.51	0.545307	4.51	0.654177
1.052	0.022016	1.52	0.181844	2.52	0.401401	3.52	0.546543	4.52	0.655138
1.053	0.022428	1.53	0.184691	2.53	0.403121	3.53	0.547775	4.53	0.656098
1.054	0.022841	1.54	0.187521	2.54	0.404834	3.54	0.549003	4.54	0.657056
1.055	0.023252	1.55	0.190332	2.55	0.40654	3.55	0.550228	4.55	0.658011
1.056	0.023664	1.56	0.193125	2.56	0.40824	3.56	0.55145	4.56	0.658965
1.057	0.024075	1.57	0.1959	2.57	0.409933	3.57	0.552668	4.57	0.659916
1.058	0.024486	1.58	0.198657	2.58	0.41162	3.58	0.553883	4.58	0.660866
1.059	0.024896	1.59	0.201397	2.59	0.4133	3.59	0.555094	4.59	0.661813
1.06	0.025306	1.6	0.20412	2.6	0.414973	3.6	0.556303	4.6	0.662758
1.061	0.025715	1.61	0.206826	2.61	0.416641	3.61	0.557507	4.61	0.663701
1.062	0.026125	1.62	0.209515	2.62	0.418301	3.62	0.558709	4.62	0.664642
1.063	0.026533	1.63	0.212188	2.63	0.419956	3.63	0.559907	4.63	0.665581
1.064	0.026942	1.64	0.214844	2.64	0.421604	3.64	0.561101	4.64	0.666518
1.065	0.02735	1.65	0.217484	2.65	0.423246	3.65	0.562293	4.65	0.667453
1.066	0.027757	1.66	0.220108	2.66	0.424882	3.66	0.563481	4.66	0.668386
1.067	0.028164	1.67	0.222717	2.67	0.426511	3.67	0.564666	4.67	0.669317
1.068	0.028571	1.68	0.225309	2.68	0.428135	3.68	0.565848	4.68	0.670246
1.069	0.028978	1.69	0.227887	2.69	0.429752	3.69	0.567026	4.69	0.671173
1.07	0.029384	1.7	0.230449	2.7	0.431364	3.7	0.568202	4.7	0.672098
1.071	0.029789	1.71	0.232996	2.71	0.432969	3.71	0.569374	4.71	0.673021
1.072	0.030195	1.72	0.235528	2.72	0.434569	3.72	0.570543	4.72	0.673942
1.073	0.0306	1.73	0.238046	2.73	0.436163	3.73	0.571709	4.73	0.674861
1.074	0.031004	1.74	0.240549	2.74	0.437751	3.74	0.572872	4.74	0.675778
1.075	0.031408	1.75	0.243038	2.75	0.439333	3.75	0.574031	4.75	0.676694
1.076	0.031812	1.76	0.245513	2.76	0.440909	3.76	0.575188	4.76	0.677607
1.077	0.032216	1.77	0.247973	2.77	0.44248	3.77	0.576341	4.77	0.678518
1.078	0.032619	1.78	0.25042	2.78	0.444045	3.78	0.577492	4.78	0.679428
1.079	0.033021	1.79	0.252853	2.79	0.445604	3.79	0.578639	4.79	0.680336
1.08	0.033424	1.8	0.255273	2.8	0.447158	3.8	0.579784	4.8	0.681241
1.081	0.033826	1.81	0.257679	2.81	0.448706	3.81	0.580925	4.81	0.682145
1.082	0.034227	1.82	0.260071	2.82	0.450249	3.82	0.582063	4.82	0.683047
1.083	0.034628	1.83	0.262451	2.83	0.451786	3.83	0.583199	4.83	0.683947
1.084	0.035029	1.84	0.264818	2.84	0.453318	3.84	0.584331	4.84	0.684845

1.085	0.03543	1.85	0.267172	2.85	0.454845	3.85	0.585461	4.85	0.685742
1.086	0.03583	1.86	0.269513	2.86	0.456366	3.86	0.586587	4.86	0.686636
1.087	0.03623	1.87	0.271842	2.87	0.457882	3.87	0.587711	4.87	0.687529
1.088	0.036629	1.88	0.274158	2.88	0.459393	3.88	0.588832	4.88	0.68842
1.089	0.037028	1.89	0.276462	2.89	0.460898	3.89	0.58995	4.89	0.689309
1.09	0.037427	1.9	0.278754	2.9	0.462398	3.9	0.591065	4.9	0.690196
1.091	0.037825	1.91	0.281033	2.91	0.463893	3.91	0.592177	4.91	0.691082
1.092	0.038223	1.92	0.283301	2.92	0.465383	3.92	0.593286	4.92	0.691965
1.093	0.03862	1.93	0.285557	2.93	0.466868	3.93	0.594393	4.93	0.692847
1.094	0.039017	1.94	0.287802	2.94	0.468347	3.94	0.595496	4.94	0.693727
1.095	0.039414	1.95	0.290035	2.95	0.469822	3.95	0.596597	4.95	0.694605
1.096	0.039811	1.96	0.292256	2.96	0.471292	3.96	0.597695	4.96	0.695482
1.097	0.040207	1.97	0.294466	2.97	0.472756	3.97	0.598791	4.97	0.696356
1.098	0.040602	1.98	0.296665	2.98	0.474216	3.98	0.599883	4.98	0.697229
1.099	0.040998	1.99	0.298853	2.99	0.475671	3.99	0.600973	4.99	0.698101
5	0.69897	6	0.778151	7	0.845098	8	0.90309	9	0.954243
5.01	0.699838	6.01	0.778875	7.01	0.845718	8.01	0.903633	9.01	0.954725
5.02	0.700704	6.02	0.779597	7.02	0.846337	8.02	0.904174	9.02	0.955207
5.03	0.701568	6.03	0.780317	7.03	0.846955	8.03	0.904716	9.03	0.955688
5.04	0.702431	6.04	0.781037	7.04	0.847573	8.04	0.905256	9.04	0.956168
5.05	0.703291	6.05	0.781755	7.05	0.848189	8.05	0.905796	9.05	0.956649
5.06	0.704151	6.06	0.782473	7.06	0.848805	8.06	0.906335	9.06	0.957128
5.07	0.705008	6.07	0.783189	7.07	0.849419	8.07	0.906874	9.07	0.957607
5.08	0.705864	6.08	0.783904	7.08	0.850033	8.08	0.907411	9.08	0.958086
5.09	0.706718	6.09	0.784617	7.09	0.850646	8.09	0.907949	9.09	0.958564
5.1	0.70757	6.1	0.78533	7.1	0.851258	8.1	0.908485	9.1	0.959041
5.11	0.708421	6.11	0.786041	7.11	0.85187	8.11	0.909021	9.11	0.959518
5.12	0.70927	6.12	0.786751	7.12	0.85248	8.12	0.909556	9.12	0.959995
5.13	0.710117	6.13	0.787461	7.13	0.85309	8.13	0.910091	9.13	0.960471
5.14	0.710963	6.14	0.788168	7.14	0.853698	8.14	0.910624	9.14	0.960946
5.15	0.711807	6.15	0.788875	7.15	0.854306	8.15	0.911158	9.15	0.961421
5.16	0.71265	6.16	0.789581	7.16	0.854913	8.16	0.91169	9.16	0.961896
5.17	0.713491	6.17	0.790285	7.17	0.855519	8.17	0.912222	9.17	0.962369
5.18	0.71433	6.18	0.790989	7.18	0.856124	8.18	0.912753	9.18	0.962843
5.19	0.715167	6.19	0.791691	7.19	0.856729	8.19	0.913284	9.19	0.963316
5.2	0.716003	6.2	0.792392	7.2	0.857333	8.2	0.913814	9.2	0.963788
5.21	0.716838	6.21	0.793092	7.21	0.857935	8.21	0.914343	9.21	0.96426
5.22	0.717671	6.22	0.79379	7.22	0.858537	8.22	0.914872	9.22	0.964731
5.23	0.718502	6.23	0.794488	7.23	0.859138	8.23	0.9154	9.23	0.965202
5.24	0.719331	6.24	0.795185	7.24	0.859739	8.24	0.915927	9.24	0.965672
5.25	0.720159	6.25	0.79588	7.25	0.860338	8.25	0.916454	9.25	0.966142
5.26	0.720986	6.26	0.796574	7.26	0.860937	8.26	0.91698	9.26	0.966611
5.27	0.721811	6.27	0.797268	7.27	0.861534	8.27	0.917506	9.27	0.96708
5.28	0.722634	6.28	0.79796	7.28	0.862131	8.28	0.91803	9.28	0.967548

5.29	0.723456	6.29	0.798651	7.29	0.862728	8.29	0.918555	9.29	0.968016
5.3	0.724276	6.3	0.799341	7.3	0.863323	8.3	0.919078	9.3	0.968483
5.31	0.725095	6.31	0.800029	7.31	0.863917	8.31	0.919601	9.31	0.96895
5.32	0.725912	6.32	0.800717	7.32	0.864511	8.32	0.920123	9.32	0.969416
5.33	0.726727	6.33	0.801404	7.33	0.865104	8.33	0.920645	9.33	0.969882
5.34	0.727541	6.34	0.802089	7.34	0.865696	8.34	0.921166	9.34	0.970347
5.35	0.728354	6.35	0.802774	7.35	0.866287	8.35	0.921687	9.35	0.970812
5.36	0.729165	6.36	0.803457	7.36	0.866878	8.36	0.922206	9.36	0.971276
5.37	0.729974	6.37	0.804139	7.37	0.867468	8.37	0.922726	9.37	0.97174
5.38	0.730782	6.38	0.804821	7.38	0.868056	8.38	0.923244	9.38	0.972203
5.39	0.731589	6.39	0.805501	7.39	0.868644	8.39	0.923762	9.39	0.972666
5.4	0.732394	6.4	0.80618	7.4	0.869232	8.4	0.924279	9.4	0.973128
5.41	0.733197	6.41	0.806858	7.41	0.869818	8.41	0.924796	9.41	0.97359
5.42	0.733999	6.42	0.807535	7.42	0.870404	8.42	0.925312	9.42	0.974051
5.43	0.7348	6.43	0.808211	7.43	0.870989	8.43	0.925828	9.43	0.974512
5.44	0.735599	6.44	0.808886	7.44	0.871573	8.44	0.926342	9.44	0.974972
5.45	0.736397	6.45	0.80956	7.45	0.872156	8.45	0.926857	9.45	0.975432
5.46	0.737193	6.46	0.810233	7.46	0.872739	8.46	0.92737	9.46	0.975891
5.47	0.737987	6.47	0.810904	7.47	0.873321	8.47	0.927883	9.47	0.97635
5.48	0.738781	6.48	0.811575	7.48	0.873902	8.48	0.928396	9.48	0.976808
5.49	0.739572	6.49	0.812245	7.49	0.874482	8.49	0.928908	9.49	0.977266
5.5	0.740363	6.5	0.812913	7.5	0.875061	8.5	0.929419	9.5	0.977724
5.51	0.741152	6.51	0.813581	7.51	0.87564	8.51	0.92993	9.51	0.978181
5.52	0.741939	6.52	0.814248	7.52	0.876218	8.52	0.93044	9.52	0.978637
5.53	0.742725	6.53	0.814913	7.53	0.876795	8.53	0.930949	9.53	0.979093
5.54	0.74351	6.54	0.815578	7.54	0.877371	8.54	0.931458	9.54	0.979548
5.55	0.744293	6.55	0.816241	7.55	0.877947	8.55	0.931966	9.55	0.980003
5.56	0.745075	6.56	0.816904	7.56	0.878522	8.56	0.932474	9.56	0.980458
5.57	0.745855	6.57	0.817565	7.57	0.879096	8.57	0.932981	9.57	0.980912
5.58	0.746634	6.58	0.818226	7.58	0.879669	8.58	0.933487	9.58	0.981366
5.59	0.747412	6.59	0.818885	7.59	0.880242	8.59	0.933993	9.59	0.981819
5.6	0.748188	6.6	0.819544	7.6	0.880814	8.6	0.934499	9.6	0.982271
5.61	0.748963	6.61	0.820202	7.61	0.881385	8.61	0.935003	9.61	0.982723
5.62	0.749736	6.62	0.820858	7.62	0.881955	8.62	0.935507	9.62	0.983175
5.63	0.750508	6.63	0.821514	7.63	0.882525	8.63	0.936011	9.63	0.983626
5.64	0.751279	6.64	0.822168	7.64	0.883093	8.64	0.936514	9.64	0.984077
5.65	0.752048	6.65	0.822822	7.65	0.883661	8.65	0.937016	9.65	0.984527
5.66	0.752816	6.66	0.823474	7.66	0.884229	8.66	0.937518	9.66	0.984977
5.67	0.753583	6.67	0.824126	7.67	0.884795	8.67	0.938019	9.67	0.985427
5.68	0.754348	6.68	0.824777	7.68	0.885361	8.68	0.93852	9.68	0.985875
5.69	0.755112	6.69	0.825426	7.69	0.885926	8.69	0.93902	9.69	0.986324
5.7	0.755875	6.7	0.826075	7.7	0.886491	8.7	0.939519	9.7	0.986772
5.71	0.756636	6.71	0.826723	7.71	0.887054	8.71	0.940018	9.71	0.987219
5.72	0.757396	6.72	0.827369	7.72	0.887617	8.72	0.940517	9.72	0.987666
5.73	0.758155	6.73	0.828015	7.73	0.88818	8.73	0.941014	9.73	0.988113

5.74	0.758912	6.74	0.82866	7.74	0.888741	8.74	0.941511	9.74	0.988559
5.75	0.759668	6.75	0.829304	7.75	0.889302	8.75	0.942008	9.75	0.989005
5.76	0.760423	6.76	0.829947	7.76	0.889862	8.76	0.942504	9.76	0.98945
5.77	0.761176	6.77	0.830589	7.77	0.890421	8.77	0.943	9.77	0.989895
5.78	0.761928	6.78	0.83123	7.78	0.89098	8.78	0.943495	9.78	0.990339
5.79	0.762679	6.79	0.83187	7.79	0.891538	8.79	0.943989	9.79	0.990783
5.8	0.763428	6.8	0.832509	7.8	0.892095	8.8	0.944483	9.8	0.991226
5.81	0.764176	6.81	0.833147	7.81	0.892651	8.81	0.944976	9.81	0.991669
5.82	0.764923	6.82	0.833784	7.82	0.893207	8.82	0.945469	9.82	0.992112
5.83	0.765669	6.83	0.834421	7.83	0.893762	8.83	0.945961	9.83	0.992554
5.84	0.766413	6.84	0.835056	7.84	0.894316	8.84	0.946452	9.84	0.992995
5.85	0.767156	6.85	0.835691	7.85	0.89487	8.85	0.946943	9.85	0.993436
5.86	0.767898	6.86	0.836324	7.86	0.895423	8.86	0.947434	9.86	0.993877
5.87	0.768638	6.87	0.836957	7.87	0.895975	8.87	0.947924	9.87	0.994317
5.88	0.769377	6.88	0.837588	7.88	0.896526	8.88	0.948413	9.88	0.994757
5.89	0.770115	6.89	0.838219	7.89	0.897077	8.89	0.948902	9.89	0.995196
5.9	0.770852	6.9	0.838849	7.9	0.897627	8.9	0.94939	9.9	0.995635
5.91	0.771588	6.91	0.839478	7.91	0.898177	8.91	0.949878	9.91	0.996074
5.92	0.772322	6.92	0.840106	7.92	0.898725	8.92	0.950365	9.92	0.996512
5.93	0.773055	6.93	0.840733	7.93	0.899273	8.93	0.950852	9.93	0.996949
5.94	0.773786	6.94	0.84136	7.94	0.899821	8.94	0.951338	9.94	0.997386
5.95	0.774517	6.95	0.841985	7.95	0.900367	8.95	0.951823	9.95	0.997823
5.96	0.775246	6.96	0.842609	7.96	0.900913	8.96	0.952308	9.96	0.998259
5.97	0.775974	6.97	0.843233	7.97	0.901458	8.97	0.952792	9.97	0.998695
5.98	0.776701	6.98	0.843855	7.98	0.902003	8.98	0.953276	9.98	0.999131
5.99	0.777427	6.99	0.844477	7.99	0.902547	8.99	0.95376	9.99	0.999566