

COMMON LOGARITHM TABLE

	1	2	3	4	5	6	7	8	9
0.00	0.00000000	0.30103000	0.47712125	0.60205999	0.69897000	0.77815125	0.84509804	0.90308999	0.95424251
0.01	0.00432137	0.30319606	0.47856650	0.60314437	0.69983773	0.77887447	0.84571802	0.90363252	0.95472479
0.02	0.00860017	0.30535137	0.48000694	0.60422605	0.70070372	0.77959649	0.84633711	0.90417437	0.95520654
0.03	0.01283722	0.30749604	0.48144263	0.60530505	0.70156799	0.78031731	0.84695533	0.90471555	0.95568775
0.04	0.01703334	0.30963017	0.48287358	0.60638137	0.70243054	0.78103694	0.84757266	0.90525605	0.95616843
0.05	0.02118930	0.31175386	0.48429984	0.60745502	0.70329138	0.78175537	0.84818912	0.90579588	0.95664858
0.06	0.02530587	0.31386722	0.48572143	0.60852603	0.70415052	0.78247262	0.84880470	0.90633504	0.95712820
0.07	0.02938378	0.31597035	0.48713838	0.60959441	0.70500796	0.78318869	0.84941941	0.90687353	0.95760729
0.08	0.03342376	0.31806333	0.48855072	0.61066016	0.70586371	0.78390358	0.85003326	0.90741136	0.95808585
0.09	0.03742650	0.32014629	0.48995848	0.61172331	0.70671778	0.78461729	0.85064624	0.90794852	0.95856388
0.10	0.04139269	0.32221929	0.49136169	0.61278386	0.70757018	0.78532984	0.85125835	0.90848502	0.95904139
0.11	0.04532298	0.32428246	0.49276039	0.61384182	0.70842090	0.78604121	0.85186960	0.90902085	0.95951838
0.12	0.04921802	0.32633586	0.49415459	0.61489722	0.70926996	0.78675142	0.85247999	0.90955603	0.95999484
0.13	0.05307844	0.32837960	0.49554434	0.61595005	0.71011737	0.78746047	0.85308953	0.91009055	0.96047078
0.14	0.05690485	0.33041377	0.49692965	0.61700034	0.71096312	0.78816837	0.85369821	0.91062440	0.96094620
0.15	0.06069784	0.33243846	0.49831055	0.61804810	0.71180723	0.78887512	0.85430604	0.91115761	0.96142109
0.16	0.06445799	0.33445375	0.49968708	0.61909333	0.71264970	0.78958071	0.85491302	0.91169016	0.96189547
0.17	0.06818586	0.33645973	0.50105926	0.62013605	0.71349054	0.79028516	0.85551916	0.91222206	0.96236934
0.18	0.07188201	0.33845649	0.50242712	0.62117628	0.71432976	0.79098848	0.85612444	0.91275330	0.96284268
0.19	0.07554696	0.34044411	0.50379068	0.62221402	0.71516736	0.79169065	0.85672889	0.91328390	0.96331551
0.20	0.07918125	0.34242268	0.50514998	0.62324929	0.71600334	0.79239169	0.85733250	0.91381385	0.96378783
0.21	0.08278537	0.34439227	0.50650503	0.62428210	0.71683772	0.79309160	0.85793526	0.91434316	0.96425963
0.22	0.08635983	0.34635297	0.50785587	0.62531245	0.71767050	0.79379038	0.85853720	0.91487182	0.96473092
0.23	0.08990511	0.34830486	0.50920252	0.62634037	0.71850169	0.79448805	0.85913830	0.91539984	0.96520170
0.24	0.09342169	0.35024802	0.51054501	0.62736586	0.71933129	0.79518459	0.85973857	0.91592721	0.96567197
0.25	0.09691001	0.35218252	0.51188336	0.62838893	0.72015930	0.79588002	0.86033801	0.91645395	0.96614173
0.26	0.10037055	0.35410844	0.51321760	0.62940960	0.72098574	0.79657433	0.86093662	0.91698005	0.96661099
0.27	0.10380372	0.35602586	0.51454775	0.63042788	0.72181062	0.79726754	0.86153441	0.91750551	0.96707973
0.28	0.10720997	0.35793485	0.51587384	0.63144377	0.72263392	0.79795964	0.86213138	0.91803034	0.96754798
0.29	0.11058971	0.35983548	0.51719590	0.63245729	0.72345567	0.79865065	0.86272753	0.91855453	0.96801571
0.30	0.11394335	0.36172784	0.51851394	0.63346846	0.72427587	0.79934055	0.86332286	0.91907809	0.96848295
0.31	0.11727130	0.36361198	0.51982799	0.63447727	0.72509452	0.80002936	0.86391738	0.91960102	0.96894968
0.32	0.12057393	0.36548798	0.52113808	0.63548375	0.72591163	0.80071708	0.86451108	0.92012333	0.96941591
0.33	0.12385164	0.36735592	0.52244423	0.63648790	0.72672721	0.80140371	0.86510397	0.92064500	0.96988164
0.34	0.12710480	0.36921586	0.52374647	0.63748973	0.72754126	0.80208926	0.86569606	0.92116605	0.97034688
0.35	0.13033377	0.37106786	0.52504481	0.63848926	0.72835378	0.80277373	0.86628734	0.92168648	0.97081161
0.36	0.13353891	0.37291200	0.52633928	0.63948649	0.72916479	0.80345712	0.86687781	0.92220628	0.97127585
0.37	0.13672057	0.37474835	0.52762990	0.64048144	0.72997429	0.80413943	0.86746749	0.92272546	0.97173959
0.38	0.13987909	0.37657696	0.52891670	0.64147411	0.73078228	0.80482068	0.86805636	0.92324402	0.97220284
0.39	0.14301480	0.37839790	0.53019970	0.64246452	0.73158877	0.80550086	0.86864444	0.92376196	0.97266559
0.40	0.14612804	0.38021124	0.53147892	0.64345268	0.73239376	0.80617997	0.86923172	0.92427929	0.97312785
0.41	0.14921911	0.38201704	0.53275438	0.64443859	0.73319727	0.80685803	0.86981821	0.92479600	0.97358962
0.42	0.15228834	0.38381537	0.53402611	0.64542227	0.73399929	0.80753503	0.87040391	0.92531209	0.97405090
0.43	0.15533604	0.38560627	0.53529412	0.64640373	0.73479983	0.80821097	0.87098881	0.92582757	0.97451169
0.44	0.15836249	0.38738983	0.53655844	0.64738297	0.73559890	0.80888587	0.87157294	0.92634245	0.97497199
0.45	0.16136800	0.38916608	0.53781910	0.64836001	0.73639650	0.80955971	0.87215627	0.92685671	0.97543181
0.46	0.16435286	0.39093511	0.53907610	0.64933486	0.73719264	0.81023252	0.87273883	0.92737036	0.97589114
0.47	0.16731733	0.39269695	0.54032947	0.65030752	0.73798733	0.81090428	0.87332060	0.92788341	0.97634998
0.48	0.17026172	0.39445168	0.54157924	0.65127801	0.73878056	0.81157501	0.87390160	0.92839585	0.97680834
0.49	0.17318627	0.39619935	0.54282543	0.65224634	0.73957234	0.81224470	0.87448182	0.92890769	0.97726621
0.50	0.17609126	0.39794001	0.54406804	0.65321251	0.74036269	0.81291336	0.87506126	0.92941893	0.97772361

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	1	2	3	4	5	6	7	8	9
0.51	0.17897695	0.39967372	0.54530712	0.65417654	0.74115160	0.81358099	0.87563994	0.92992956	0.97818052
0.52	0.18184359	0.40140054	0.54654266	0.65513843	0.74193908	0.81424760	0.87621784	0.93043959	0.97863695
0.53	0.18469143	0.40312052	0.54777471	0.65609820	0.74272513	0.81491318	0.87679498	0.93094903	0.97909290
0.54	0.18752072	0.40483372	0.54900326	0.65705585	0.74350976	0.81557775	0.87737135	0.93145787	0.97954837
0.55	0.19033170	0.40654018	0.55022835	0.65801140	0.74429298	0.81624130	0.87794695	0.93196611	0.98000337
0.56	0.19312460	0.40823997	0.55145000	0.65896484	0.74507479	0.81690384	0.87852180	0.93247376	0.98045789
0.57	0.19589965	0.40993312	0.55266822	0.65991620	0.74585520	0.81756537	0.87909588	0.93298082	0.98091194
0.58	0.19865709	0.41161971	0.55388303	0.66086548	0.74663420	0.81822589	0.87966921	0.93348729	0.98136551
0.59	0.20139712	0.41329976	0.55509445	0.66181269	0.74741181	0.81888541	0.88024178	0.93399316	0.98181861
0.60	0.20411998	0.41497335	0.55630250	0.66275783	0.74818803	0.81954394	0.88081359	0.93449845	0.98227123
0.61	0.20682588	0.41664051	0.55750720	0.66370093	0.74896286	0.82020146	0.88138466	0.93500315	0.98272339
0.62	0.20951501	0.41830129	0.55870857	0.66464198	0.74973632	0.82085799	0.88195497	0.93550727	0.98317507
0.63	0.21218760	0.41995575	0.55990663	0.66558099	0.75050839	0.82151353	0.88252454	0.93601080	0.98362629
0.64	0.21484385	0.42160393	0.56110138	0.66651798	0.75127910	0.82216808	0.88309336	0.93651374	0.98407703
0.65	0.21748394	0.42324587	0.56229286	0.66745295	0.75204845	0.82282165	0.88366144	0.93701611	0.98452731
0.66	0.22010809	0.42488164	0.56348109	0.66838592	0.75281643	0.82347423	0.88422877	0.93751789	0.98497713
0.67	0.22271647	0.42651126	0.56466606	0.66931688	0.75358306	0.82412583	0.88479536	0.93801910	0.98542647
0.68	0.22530928	0.42813479	0.56584782	0.67024585	0.75434834	0.82477646	0.88536122	0.93851973	0.98587536
0.69	0.22788670	0.42975228	0.56702637	0.67117284	0.75511227	0.82542612	0.88592634	0.93901978	0.98632378
0.70	0.23044892	0.43136376	0.56820172	0.67209786	0.75587486	0.82607480	0.88649073	0.93951925	0.98677173
0.71	0.23299611	0.43296929	0.56937391	0.67302091	0.75663611	0.82672252	0.88705438	0.94001816	0.98721923
0.72	0.23552845	0.43456890	0.57054294	0.67394200	0.75739603	0.82736927	0.88761730	0.94051648	0.98766626
0.73	0.23804610	0.43616265	0.57170883	0.67486114	0.75815462	0.82801506	0.88817949	0.94101424	0.98811284
0.74	0.24054925	0.43775056	0.57287160	0.67577834	0.75891189	0.82865990	0.88874096	0.94151143	0.98855896
0.75	0.24303805	0.43933269	0.57403127	0.67669361	0.75966784	0.82930377	0.88930170	0.94200805	0.98900462
0.76	0.24551267	0.44090908	0.57518784	0.67760695	0.76042248	0.82994670	0.88986172	0.94250411	0.98944982
0.77	0.24797327	0.44247977	0.57634135	0.67851838	0.76117581	0.83058867	0.89042102	0.94299959	0.98989456
0.78	0.25042000	0.44404480	0.57749180	0.67942790	0.76192784	0.83122969	0.89097960	0.94349452	0.99033885
0.79	0.25285303	0.44560420	0.57863921	0.68033551	0.76267856	0.83186977	0.89153746	0.94398888	0.99078269
0.80	0.25527251	0.44715803	0.57978360	0.68124124	0.76342799	0.83250891	0.89209460	0.94448267	0.99122608
0.81	0.25767857	0.44870632	0.58092498	0.68214508	0.76417613	0.83314711	0.89265103	0.94497591	0.99166901
0.82	0.26007139	0.45024911	0.58206336	0.68304704	0.76492298	0.83378437	0.89320675	0.94546859	0.99211149
0.83	0.26245109	0.45178644	0.58319877	0.68394713	0.76566855	0.83442070	0.89376176	0.94596070	0.99255352
0.84	0.26481782	0.45331834	0.58433122	0.68484536	0.76641285	0.83505610	0.89431606	0.94645227	0.99299510
0.85	0.26717173	0.45484486	0.58546073	0.68574174	0.76715587	0.83569057	0.89486966	0.94694327	0.99343623
0.86	0.26951294	0.45636603	0.58658730	0.68663627	0.76789762	0.83632412	0.89542255	0.94743372	0.99387691
0.87	0.27184161	0.45788190	0.58771097	0.68752896	0.76863810	0.83695674	0.89597473	0.94792362	0.99431715
0.88	0.27415785	0.45939249	0.58883173	0.68841982	0.76937733	0.83758844	0.89652622	0.94841297	0.99475694
0.89	0.27646180	0.46089784	0.58994960	0.68930886	0.77011529	0.83821922	0.89707700	0.94890176	0.99519629
0.90	0.27875360	0.46239800	0.59106461	0.69019608	0.77085201	0.83884909	0.89762709	0.94939001	0.99563519
0.91	0.28103337	0.46389299	0.59217676	0.69108149	0.77158748	0.83947805	0.89817648	0.94987770	0.99607365
0.92	0.28330123	0.46538285	0.59328607	0.69196510	0.77232171	0.84010609	0.89872518	0.95036485	0.99651167
0.93	0.28555731	0.46686762	0.59439255	0.69284692	0.77305469	0.84073323	0.89927319	0.95085146	0.99694925
0.94	0.28780173	0.46834733	0.59549622	0.69372695	0.77378644	0.84135947	0.89982050	0.95133752	0.99738638
0.95	0.29003461	0.46982202	0.59659710	0.69460520	0.77451697	0.84198480	0.90036713	0.95182304	0.99782308
0.96	0.29225607	0.47129171	0.59769519	0.69548168	0.77524626	0.84260924	0.90091307	0.95230801	0.99825934
0.97	0.29446623	0.47275645	0.59879051	0.69635639	0.77597433	0.84323278	0.90145832	0.95279244	0.99869516
0.98	0.29666519	0.47421626	0.59988307	0.69722934	0.77670118	0.84385542	0.90200289	0.95327634	0.99913054
0.99	0.29885308	0.47567119	0.60097290	0.69810055	0.77742682	0.84447718	0.90254678	0.95375969	0.99956549

$$\log(xy) = \log(x) + \log(y)$$

$$\log(x/y) = \log(x) - \log(y)$$

$$\log(x^n) = n\log(x)$$

$$y = b^x \rightarrow x = \log_b(y)$$