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table of natural logarithms

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This table is for integers in the range  $-1 < n < 100$ . To find the natural logarithm (that is, with base  $e$ , the natural log base) for the desired  $n$ , look for the ten's place digit (0 in the case of  $-1 < n < 10$ ) in the leftmost column and the one's place digit in the topmost row. The intersection  $x$  of that row and column thus gives  $\log n$  to four or five decimal places.

$n$	0	1	2	3	4	5	6	7	8	9
0	$-\infty$	0.0000	0.69315	1.09861	1.38629	1.60944	1.79176	1.94591	2.07944	2.19722
1	2.30259	2.3979	2.48491	2.56495	2.63906	2.70805	2.77259	2.83321	2.89037	2.94494
2	2.99573	3.04452	3.09104	3.13549	3.17805	3.21888	3.2581	3.29584	3.3322	3.36759
3	3.4012	3.43399	3.46574	3.49651	3.52636	3.55535	3.58352	3.61092	3.63759	3.66349
4	3.68888	3.71357	3.73767	3.7612	3.78419	3.80666	3.82864	3.85015	3.8712	3.89189
5	3.91202	3.93183	3.95124	3.97029	3.98898	4.00733	4.02535	4.04305	4.06044	4.07754
6	4.09434	4.11087	4.12713	4.14313	4.15888	4.17439	4.18965	4.20469	4.21951	4.23411
7	4.2485	4.26268	4.27667	4.29046	4.30407	4.31749	4.33073	4.34381	4.35671	4.36944
8	4.38203	4.39445	4.40672	4.41884	4.43082	4.44265	4.45435	4.46591	4.47734	4.48864
9	4.49981	4.51086	4.52179	4.5326	4.54329	4.55388	4.56435	4.57471	4.58497	4.59512