

Logarithms Worksheet



This worksheet provides a direct way to apply the logarithmic functions to the displayed number.

[β]	Stores the “base” value to use in the LOG_β and ALOG_β .
[LOG_β]	Calculates the base “β” logarithm of the displayed number.
[ALOG_β]	Calculates the anti-Logarithm base “β” of the displayed number.
[LN]	Calculates the Natural logarithm.
[EXP]	Calculates the Natural Anti-logarithm or exponential.
[LOG₁₀]	Calculates the Common logarithm (base 10).
[ALOG₁₀]	Calculates the Common Antilogarithm (10^x).
[LOG₂]	Calculates the Common logarithm (base 2).
[ALOG₂]	Calculates the Common Antilogarithm (base 2).
[LOG₃]	Calculates the Common logarithm (base 3).
[ALOG₃]	Calculates the Common Antilogarithm (base 3).

The following examples assumes 4 decimals display setting.

Calculation	Keystrokes	Display
Logarithm base 8 of 645.36	8 [β] 645.36 [LOG_β]	3.1113
Antilogarithm base 16 of 2.5	16 [β] 2.5 [ALOG_β]	1,024.0000
Logarithm base 10 of 2.5	2.5 [LOG_{10}]	0.3979
Antilogarithm base 10 of 3.56	3.56 [ALOG_{10}]	3,630.7805
Logarithm base 2 of 68.0	68 [LOG_2]	6.0875
Antilogarithm base 2 of 4.6	4.6 [ALOG_2]	24.2515
Logarithm base 3 of 68.0	68 [LOG_3]	3.8408
Antilogarithm base 3 of 4.6	4.6 [ALOG_3]	156.5877
Natural Logarithm of 68.0	68 [LN]	4.2195
Exponential of 4.6	4.6 [EXP]	99.4843