

Logarithms Menu

This tool implements the common Log functions. To show it, select the “**MATH**” menu from the main menu, and select the “**LOG**” tab or touch **[Shift] [LOG]** in the keyboard.



[β]	Inputs the “base” value to use in the Log_β and ALog_β functions.
[Log_β]	Calculates the base “ β ” logarithm.
[ALog_β]	Calculates the base “ β ” anti-Logarithm (β^x).
[LN]	Calculates the Natural logarithm.
[EXP]	Calculates the Natural Anti-logarithm (e^x).
[LOG_{10}]	Calculates the Common logarithm (base 10).
[ALOG_{10}]	Calculates the Common Antilogarithm (10^x).
[$\text{LN}(x+1)$]	Calculates the Natural logarithm of the displayed number plus 1.
[$\text{EXP}-1$]	Calculates the Natural Anti-logarithm of the displayed number and subtracts 1 ($e^x - 1$).

Examples : (assumes FIX display format with 4 decimals)

Calculation	Keystrokes	Result
Base 2 logarithm of 125.43	2 [β] 125.43 [Log_β]	6.9707
Base 3 antilogarithm of 2.54	3 [β] 2.54 [ALog_β]	16.2888
Natural logarithm of 567	567 [LN]	6.3404
Natural antilogarithm of -0.25	0.25 [+ / -] [EXP]	0.7788
Common logarithm of 567	567 [LOG_{10}]	2.7536
Common antilogarithm of -0.25	0.25 [+ / -] [ALOG_{10}]	0.5623