

“How do I use the IMLOG10 function in Google Sheets?”

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The IMLOG10 function in Google Sheets is used to calculate the logarithm of a complex number to the base 10. To use this function, first select the cell where you want the result to appear. Then, type "=IMLOG10(" followed by the complex number inside the parentheses. You can also refer to a cell containing the complex number instead. Press Enter to complete the function and the result will be displayed in the selected cell. This function is useful for performing complex calculations in Google Sheets.

IMLOG10 function

The IMLOG10 function returns the logarithm of a complex number with base 10.

Parts of an IMLOG10 formula

IMLOG10 (value)

Part	Description	Notes
value	The input value of the logarithm function.	The number can be written as plain numbers, for example 1, to be interpreted as a real number. The number can be written as quoted text in order to specify both the real and complex coefficients.

Sample formulas

IMLOG10 ("1+i", 3.5)

IMLOG10 (COMPLEX(25, 34), 2.3)

IMLOG10(100, 10)

Note

IMLOG10 is equivalent to IMLOG given base of 10 for all numbers.

Examples

	A	B
1	Formula	Result
2	=IMLOG10 ("1+i")	0.150514997831991+0.34109408846046i
3	=IMLOG10 (COMPLEX(25, 34))	1.62533195973162+0.406835608369804i
4	=IMLOG10(100)	2

Related functions

IMLOG: The IMLOG function returns the logarithm of a complex number for a specified base.

IMLOG2: The IMLOG2 function returns the logarithm of a complex number with base 2.

COMPLEX: The COMPLEX function creates a complex number, given real and imaginary coefficients.

IMAGINARY: Returns the imaginary coefficient of a complex number.

IMREAL: Returns the real coefficient of a complex number.

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