

# How can I use the LN function in Excel to calculate the natural logarithm of a given number?

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## RECOMMENDED CITATION

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The LN function in Excel is a tool that allows users to calculate the natural logarithm of a given number. This function is helpful for finding the exponent that a base number would need to be raised to in order to equal the given number. To use the LN function, simply enter the number you wish to calculate the natural logarithm for as the input and the function will return the result. This can be useful for various mathematical and statistical calculations.

This article describes the formula syntax and usage of the **LN** function in Microsoft Excel.

## Description

Returns the natural logarithm of a number. Natural logarithms are based on the constant  $e$  (2.71828182845904).

## Syntax

LN(number)

The LN function syntax has the following arguments:

**Number** Required. The positive real number for which you want the natural logarithm.

## Remark

LN is the inverse of the EXP function.