

# How can I use the EXP function in Google Sheets?

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## RECOMMENDED CITATION

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The EXP function in Google Sheets is a mathematical function that allows users to calculate the exponential value of a given number. To use this function, simply enter the number or cell reference as the input and the function will return the exponential value. This can be useful for various calculations such as compound interest, growth rates, and probability distributions. Additionally, the EXP function can be combined with other functions to perform more complex calculations. Overall, the EXP function in Google Sheets provides a convenient and efficient way to calculate exponential values for data analysis and other purposes.

## EXP

Returns Euler's number,  $e$  (~2.718) raised to a power.

### Sample Usage

`EXP ( 2 )`

`EXP ( A2 )`

### Syntax

`EXP ( exponent )`

`exponent` - The exponent to raise  $e$  to.

### See Also

`SQRTPI`: Returns the positive square root of the product of Pi and the given positive number.

`SQRT`: Returns the positive square root of a positive number.

`POWER`: Returns a number raised to a power.

`LOG10`: Returns the logarithm of a number, base 10.

`LOG`: Returns the logarithm of a number given a base.

`LN`: Returns the logarithm of a number, base  $e$  (Euler's number).

`GAMMALN`: Returns the logarithm of a specified Gamma function, base  $e$  (Euler's number).

## Examples

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