

How do I calculate the cosine of a number in Excel?

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To calculate the cosine of a number in Excel, follow these steps:

1. Select a cell where you want the cosine value to be displayed.
2. Type in the formula "`=COS(number)`" in the selected cell, replacing "number" with the desired value.
3. Press enter to calculate the cosine value.
4. The cell will display the calculated value of the cosine of the chosen number.
5. To calculate the cosine of a range of numbers, use the formula "`=COS(range)`" and press enter.
6. The cell will display the calculated value of the cosine for each number in the selected range.
7. You can also use the "COS" function in other formulas to incorporate the cosine value into larger calculations.
8. Remember to use the correct syntax and format when using the "COS" function in Excel.
9. The cosine function can be used for various applications, such as calculating angles, distances, and probabilities.
10. With the "COS" function in Excel, you can easily and accurately calculate the cosine of any given number or range of numbers.

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

Description

Returns the cosine of the given angle.

Syntax

`COS(number)`

The COS function syntax has the following arguments:

Number Required. The angle in radians for which you want the cosine.

Remark

If the angle is in degrees, either multiply the angle by $\text{PI}()/180$ or use the RADIANS function to convert the angle to radians.