

# How can I use the COT function in Excel to calculate the cotangent of a given angle?

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The COT function in Excel is a mathematical tool that allows users to calculate the cotangent of a given angle. To use this function, simply input the angle in radians or degrees as the argument, and the function will return the corresponding cotangent value. This can be useful in various mathematical and engineering applications, such as solving trigonometric equations or analyzing geometric shapes. By utilizing the COT function in Excel, users can efficiently and accurately calculate cotangents without the need for complex manual calculations.

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

## Description

Return the cotangent of an angle specified in radians.

## Syntax

COT(number)

The COT function syntax has the following arguments.

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

## Remarks

The absolute value of Number must be less than  $2^{27}$ .

If Number is outside its constraints, COT returns the #NUM! error value.

If Number is a non-numeric value, COT returns the #VALUE! error value.

COT(0) returns the #DIV/0! error value.