

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

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## RECOMMENDED CITATION

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The TAN function in Excel is a mathematical formula that calculates the tangent of a given angle. To use this function, simply enter the angle as an argument within the parentheses, and the result will be the tangent of the angle. This can be useful for various mathematical and engineering calculations, as well as for creating graphs and charts. By utilizing the TAN function, users can accurately and efficiently calculate the tangent of any angle within their Excel spreadsheets.

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

## Description

Returns the tangent of the given angle.

## Syntax

TAN(number)

The TAN function syntax has the following arguments:

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

## Remark

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