

How can I use the PI function in Excel to calculate the value of pi?

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The PI function in Excel is a built-in mathematical function that allows users to easily calculate the value of pi. It can be used in any cell within a spreadsheet and follows the syntax "PI()". This function returns the approximate value of pi, which is 3.14159265358979, and can be used in various mathematical formulas and equations. By utilizing the PI function, users can save time and effort in manually inputting the value of pi and ensure accurate calculations. Overall, the PI function in Excel provides a convenient and efficient way to calculate the value of pi in any mathematical application.

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

Description

Returns the number 3.14159265358979, the mathematical constant pi, accurate to 15 digits.

Syntax

PI()

The PI function syntax has no arguments:

Example

Copy the example data in the following table, and paste it in cell A1 of a new Excel worksheet. For formulas to show results, select them, press F2, and then press Enter. If you need to, you can adjust the column widths to see all the data.

Data		
Radius		
3		
Formula	Description	Result
=PI()	Returns pi.	3.141592654
=PI()/2	Returns pi divided by 2.	1.570796327
=PI()*(A3^2)	Area of a circle with the radius described in A3.	28.27433388