

How can I use the SIGN function in Excel to determine the sign of a numerical value?

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The SIGN function in Excel is a useful tool that allows users to determine the sign of a numerical value. This function returns a positive value if the input is greater than zero, a negative value if the input is less than zero, and zero if the input is equal to zero. By using the SIGN function, users can quickly and accurately determine the direction or trend of their data. This can be particularly helpful in analyzing financial data or creating mathematical models. To use the SIGN function, simply input the desired numerical value and the function will return the corresponding sign. This efficient and convenient tool makes it easy to interpret and manipulate data in Excel.

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

Description

Determines the sign of a number. Returns 1 if the number is positive, zero (0) if the number is 0, and -1 if the number is negative.

Syntax

SIGN(number)

The SIGN function syntax has the following arguments:

Number Required. Any real number.

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.

Formula	Description	Result
=SIGN(10)	Sign of a positive number.	1
=SIGN(4-4)	Sign of the result of 4 minus 4 (zero).	0
=SIGN(-0.00001)	Sign of a negative number.	-1