

How do I use the FLOOR.PRECISE function in Excel?

Authored by
stats writer

June 29, 2024

RECOMMENDED CITATION

stats writer (2024). *How do I use the FLOOR.PRECISE function in Excel?*.

PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=159988>

The FLOOR.PRECISE function in Excel is a mathematical function that allows users to round a number down to a specified multiple. This function is useful for situations where precise calculations are necessary, such as financial calculations or data analysis. To use the FLOOR.PRECISE function, simply input the number you want to round down and the desired multiple into the function formula. The result will be the nearest multiple of the specified number that is less than or equal to the original number. This function is a powerful tool for accurate and efficient data manipulation in Excel.

Returns a number that is rounded down to the nearest integer or to the nearest multiple of significance. Regardless of the sign of the number, the number is rounded down. However, if the number or the significance is zero, zero is returned.

Syntax

FLOOR.PRECISE(number,)

The FLOOR.PRECISE function syntax has the following arguments:

Number Required. The value to be rounded.

Significance Optional. The multiple to which number is to be rounded.

If significance is omitted, its default value is 1.

Remarks

The absolute value of the multiple is used, so that the FLOOR.PRECISE function returns the mathematical floor irrespective of the signs of number and significance.

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
=FLOOR.PRECISE(-3.2,-1)	Rounds -3.2 down to the nearest multiple of -1	-4
=FLOOR.PRECISE(3.2, 1)	Rounds 3.2 down to the nearest multiple of 1	3
=FLOOR.PRECISE(-3.2, 1)	Rounds -3.2 down to the nearest multiple of 1	-4

Formula	Description	Result
=FLOOR.PRECISE(3.2,-1)	rounds 3.2 down to the nearest multiple of -1	3
=FLOOR.PRECISE(3.2)	Rounds 3.2 down to nearest multiple of 1	3

ARABPSYCHOLOGY.COM