

. How can I use the FLOOR.PRECISE function in Google Sheets?

Authored by
stats writer

June 30, 2024

RECOMMENDED CITATION

stats writer (2024). . *How can I use the FLOOR.PRECISE function in Google Sheets?*.
PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=160959>

The FLOOR.PRECISE function in Google Sheets is a mathematical formula that allows users to round a number down to a specific multiple or increment. It can be used in various calculations and data analysis tasks to ensure accurate results. By using this function, users can specify the desired multiple or increment to round down to, providing more control and precision in their calculations. This feature can be particularly useful for financial and statistical purposes. To use the FLOOR.PRECISE function, simply input the desired number and specify the multiple or increment within the function's parameters.

FLOOR.PRECISE function

The FLOOR.PRECISE functions rounds a number down to the nearest integer or multiple of specified significance.

Parts of a FLOOR.PRECISE formula

`FLOOR.PRECISE (number ,)`

| Part | Description | Notes |
|---------------------------|---|---|
| <code>number</code> | The value to round down to the nearest integer or multiple of significance. | |
| <code>significance</code> | The number to whose multiple's number will be rounded. | Optional (defaults to 1).The sign of this value is ignored. |

Sample formulas

`FLOOR.PRECISE (-10.5, 1)`

`FLOOR.PRECISE (96, 10)`

`FLOOR.PRECISE (-23.25, 0.1)`

Notes

By default, positive numbers with decimal places are rounded down to the nearest integer. For example, 4.8 is rounded down to 4. Negative numbers are rounded down (away from zero). For example, -4.8 is rounded down to -5.

Examples

| | A | B |
|--|---|---|
| | | |

| 1 | Formula | Result |
|---|-----------------------------|--------|
| 2 | =FLOOR.PRECISE(-10.5, 1) | -11 |
| 3 | =FLOOR.PRECISE(96, 10) | 90 |
| 4 | =FLOOR.PRECISE(-23.25, 0.1) | -23.3 |

Related functions

FLOOR: The FLOOR function rounds a number down to the nearest integer multiple of specified significance.**FLOOR.MATH:** The FLOOR.MATH function rounds a number down to the nearest integer or a multiple of specified significance, with negative numbers rounding toward or away from zero depending on the mode. **CEILING:** The CEILING function rounds a number up to the nearest integer multiple of specified significance.**CEILING.MATH:** The CEILING.MATH function rounds a number up to the nearest integer or to the nearest multiple of specified significance. It also specifies whether the number is rounded toward or away from 0 depending on the mode.**CEILING.PRECISE:**The CEILING.PRECISE function rounds a number up to the nearest integer or multiple of specified significance. If the number is positive or negative, it's rounded up.**ROUNDDOWN:** The ROUNDDOWN function rounds a number to a certain number of decimal places, always rounding down to the next valid increment.**ROUND:** The ROUND function rounds a number to a certain number of decimal places according to standard rules.