

How can I use the FLOOR function in Google Sheets?

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The FLOOR function in Google Sheets is a mathematical function that rounds a number down to the nearest specified multiple. It can be used to simplify and organize data in a spreadsheet by rounding values to a specific interval. To use the FLOOR function, simply input the number you want to round and the desired multiple into the formula. The function will then return the rounded value. This can be useful in various applications such as budgeting, data analysis, and creating charts or graphs. The FLOOR function is a helpful tool for users to efficiently manage and manipulate numerical data in Google Sheets.

FLOOR

The FLOOR function rounds a number down to the nearest integer multiple of specified significance.

Sample Usage

```
FLOOR(23.25,0.1)
```

```
FLOOR(A2,1)
```

Syntax

```
FLOOR(value, )
```

value - The value to round down to the nearest integer multiple of **factor**.

factor - - The number to whose multiples **value** will be rounded.

factor may not be equal to 0.

Notes

value can be positive or negative, but **factor** must be positive.

FLOOR is most often used with **factor** set to a 'round' number such as 0.1 or 0.01 in order to round to a particular decimal place. However, **factor** can, in fact, be any number of the same sign as **value**, e.g. FLOOR(23.25,0.18) which results in 23.22, which is 0.18 * 129. This can be used, for instance, to round down to a particular denomination of currency (e.g. 0.25 or 0.05 USD).

See Also

CEILING: The CEILING function rounds a number up to the nearest integer multiple of specified

significance.

TRUNC: Truncates a number to a certain number of significant digits by omitting less significant digits.

ROUNDUP: Rounds a number to a certain number of decimal places, always rounding up to the next valid increment.

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.

MROUND: Rounds one number to the nearest integer multiple of another.

INT: Rounds a number down to the nearest integer that is less than or equal to it.

Examples