

# How can I use the FLOOR function in Excel to round a number down to the nearest integer or specified multiple?

Authored by  
**stats writer**

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The FLOOR function in Excel allows users to round a number down to the nearest integer or specified multiple. This function is useful for situations where precise whole numbers are required, such as in financial calculations or for data analysis. By specifying the desired multiple, users can also round down to a specific interval, such as every 5, 10, or 100 units. This function is easy to use and can save time and effort when working with large sets of data. By utilizing the FLOOR function, users can ensure accuracy and consistency in their calculations and data analysis.

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

## Description

Rounds number down, toward zero, to the nearest multiple of significance.

## Syntax

FLOOR(number, significance)

The FLOOR function syntax has the following arguments:

**Number** Required. The numeric value you want to round.

**Significance** Required. The multiple to which you want to round.

## Remarks

If either argument is nonnumeric, FLOOR returns the #VALUE! error value.

If number is positive and significance is negative, FLOOR returns the #NUM! error value.

If the sign of number is positive, a value is rounded down and adjusted toward zero. If the sign of number is negative, a value is rounded down and adjusted away from zero. If number is an exact multiple of significance, no rounding occurs.