

ROUNDUP function in Excel - Usage and examples

Today, the Software Tips will guide you how to use the ROUNDUP function to round numbers (rounding up) in excel. ROUNDUP function structure Function syntax: = ROUNDUP (Number, Num_digits). In which: + ROUNDUP: is the function name. + Number: is the number to be rounded up. + Num_digits: is the number of digits after the comma you want to round. For example:

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ROUNDUP function structure

Function syntax: = **ROUNDUP** (Number, Num_digits).

Inside:

- + **ROUNDUP**: is the function name.
- + **Number**: is the number to be rounded up.
- + **Num_digits**: is the number of digits after the comma you want to round.

For example:

Note: if you do not enter the value of **Num_digits** then Excel will understand the value of Num_digits = 0.

To understand **Num_digits** better, **please** refer to the picture below:

	A	B	C	D
1	Số cần làm tròn	Num_digits	Kết quả hiển thị	Mô tả
2	1,234.654321	-2	1,300.000000	Làm tròn lên về phía bên trái của dấu thập phân 2 chữ số
3		-1	1,240.000000	Làm tròn lên về phía bên trái của dấu thập phân 1 chữ số
4		0	1,235.000000	Làm tròn lên số nguyên gần nhất
5		1	1,234.700000	Làm tròn lên về phía tới một vị trí thập phân
6		2	1,234.660000	Làm tròn lên về phía tới 2 vị trí thập phân
7		3	1,234.655000	Làm tròn lên về phía tới 3 vị trí thập phân
8				
9				
10				

So that:

- + If num_digits > 0, the number is rounded up to the specified number of decimal places.
- + If num_digits = 0, the number is rounded to the nearest integer.
- + If num_digits < 0, the number is rounded up to the left of the decimal point.

Compare **ROUNDUP**, **ROUND**, **INT** functions

Besides the ROUND UP function, Excel also provides its users with a number of rounding functions and uses the following functions:

1. **ROUND** (number, num_digits) function: The round function works like the roundup function. However, with a value above or equal to 5, the function will round up and a value below 5 will round down like math.
2. **ROUNDDOWN** (number, num_digits) function: The rounddown function works the opposite of the round up function, which rounds down regardless of the subsequent value.
3. **INT** (number) function: INT function Rounds a number down to the nearest integer.

Hope you understand how to use the ROUNDUP function that the Software Tips mentioned above.

Good luck! ^^

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