

Round numbers with Round Function

It is necessary to use proper Number format while working with Numbers in Excel. We can increase and Decrease decimal places without changing the Number. Check here article about [How to use proper Decimal places using Number Format in Excel](#). We can also use ROUND function for the same.

How to use ROUND functions in excel?

The ROUND function rounds the given number up to specified decimal places.

Syntax:

=ROUND(number, num_digits)

number: The given number.

num_digits: The number of decimal places to round to.

Note:

positive num_digits: value means rounding the digits to right of decimal point.

num_digits value of 0 means rounding to nearest integer.

negative num_digits means rounding the digits to left of decimal point.

Example:

	A	B	C	D	E
1	21.3452	21.3			
2					
3					
4					
5					

	A	B	C	D	E
1	121.3452	122			
2					
3					
4					
5					
6					

How to use ROUNDDOWN function?

The ROUNDDOWN function rounds the number to zero to a specified number of decimal places.

Syntax:

=ROUNDDOWN(number, num_digits)

Example:

The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E
1	121.3452	121			
2					
3					
4					
5					
6					

The formula bar shows `=ROUNDDOWN(A1,0)`. A red box labeled "ROUNDDOWN Formula" points to the formula bar. A red circle highlights the value "121" in cell B1, with a red box below it stating "Rounds down to zero decimal place."

The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E
1	121.3452	121.3			
2					
3					
4					
5					

The formula bar shows `=ROUNDDOWN(A1,1)`. A red box labeled "ROUNDDOWN formula" points to the formula bar. A red circle highlights the value "121.3" in cell B1, with a red box below it stating "Rounds down to one decimal place."

The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E
1	121.3452	100			
2					
3					
4					
5					
6					
7					

The formula bar shows `=ROUNDDOWN(A1,-2)`. A red box labeled "ROUNDDOWN formula" points to the formula bar. A red circle highlights the value "100" in cell B1, with a red box below it stating "Rounds down to nearest 100. If the number is 212.323 then it rounds down to 200."

How to use ROUNDUP function?

The ROUNDUP function rounds the number away from zero to a specified number of decimal places.

Syntax:

=ROUNDUP(number, num_digits)

Example:

B1 fx =ROUNDUP(A1,1)

	A	B	C	D	E
1	121.3452	121.4			
2					
3					
4					
5					

ROUNDUP Formula

Rounds the number up to one decimal place.

B1 fx =ROUNDUP(A1,-2)

	A	B	C	D	E
1	121.3452	200			
2					
3					
4					
5					
6					
7					

ROUNDUP formula

Rounds up to nearest 100 which is 200 in this case.

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[How to Enter Fractions in Excel?](#)

[Difference between Currency Format and Accounting Format](#)