

# How can I use the MROUND function in Excel to always round down a value?

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## RECOMMENDED CITATION

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The MROUND function in Excel is a useful tool for rounding numbers to a specific multiple. To always round down a value, you can utilize the MROUND function by specifying a negative multiple. For example, if you want to round down a number to the nearest 10, you can use the formula =MROUND(A1,-10). This will ensure that the number is always rounded down to the nearest multiple of 10, regardless of the value. By using the MROUND function, you can accurately and efficiently round down numbers in your Excel spreadsheets.

## Excel: Use MROUND to Always Round Down

You can use the MROUND function in Excel to round values to a particular multiple.

For example, you can use the following formula to round the value in cell A2 to the nearest 10:

**=MROUND(A2, 10)**

If the value in cell A2 is 23 then the MROUND function will round the value to 20 since this is the nearest multiple of 10.

Or if the value in cell A2 is 28 then MROUND will round the value to 30 since this is the nearest multiple of 10.

However, suppose you would like to use the MROUND function to always round down to the nearest 10.

Unfortunately this isn't possible with the MROUND

**function but you can use the FLOOR function instead to accomplish this.**

**For example, you can use the following formula to round the value in cell A2 down to the nearest 10:**

**=FLOOR(A2, 10)**

**Whether the value in cell A2 is 23 or 28, it would get rounded to 20 each time.**

**The following example shows how to use the FLOOR function in practice.**

**Example: Round Down to Nearest Multiple in Excel**

**Suppose we have the following list of values in Excel:**

	A	B	C	D	E
1	<b>Values</b>				
2	23				
3	28				
4	1				
5	14				
6	149				
7	212				
8	41				
9	0				
10	63				
11					
12					
13					
14					
15					
16					
17					

**Suppose we would like to round each value in the list down to the nearest 10.**

**The following screenshot shows the difference between using the MROUND and FLOOR functions in Excel to achieve this:**

	A	B	C	D
1	<b>Values</b>	<b>=MROUND(A2, 10)</b>	<b>=FLOOR(A2, 10)</b>	
2	23	20	20	
3	28	30	20	
4	1	0	0	
5	14	10	10	
6	149	150	140	
7	212	210	210	
8	41	40	40	
9	0	0	0	
10	63	60	60	
11				
12				
13				
14				
15				
16				
17				
18				
19				

**(1) The MROUND function rounds each value in column A to the nearest multiple of 10. Sometimes this requires rounding the values up and other times it requires rounding the values down.**

**For example, the MROUND function rounds 28 up to 30.**

**(2) The FLOOR function always rounds each value in column A down to the nearest multiple of 10.**

**For example, the FLOOR function rounds 28 down to 20.**

**Note: You can find the complete documentation for the FLOOR function in Excel .**

**The following tutorials explain how to perform other common tasks in Excel:**

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