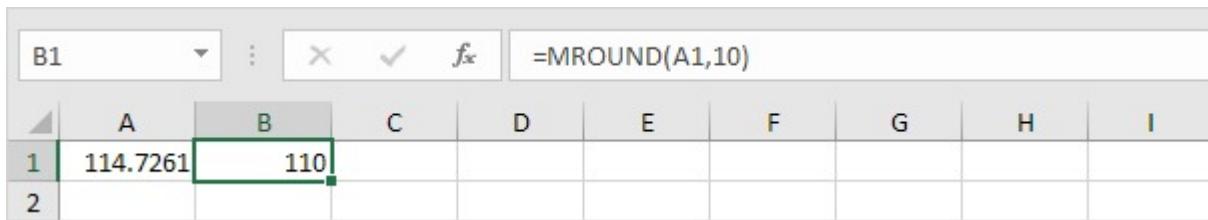# Round to Nearest Multiple in Excel

This example illustrates three functions to round numbers to a multiple of x in Excel. MROUND, CEILING and FLOOR.

✦ MROUND

1. For example, round a number to the nearest multiple of 10.

B1		⋮	✕ ✓ *fx*	=MROUND(A1,10)					
	A	B	C	D	E	F	G	H	I
1	114.7261	110							
2									
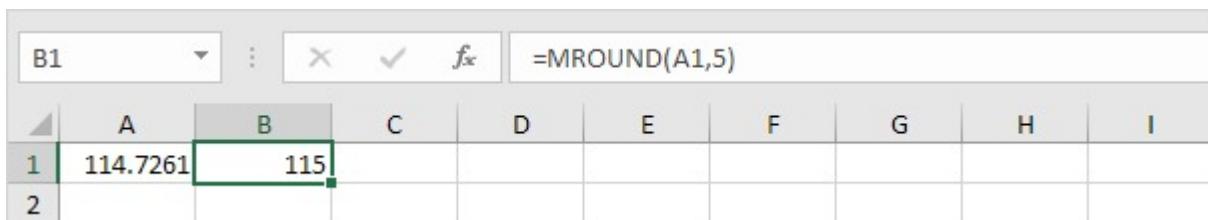
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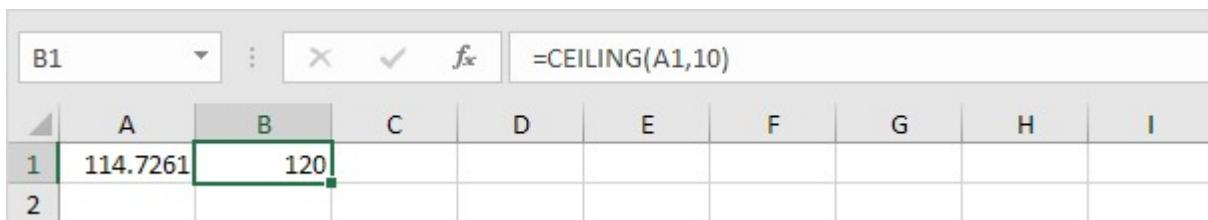
2. For example, round a number to the nearest multiple of 5.

B1		⋮	✕ ✓ *fx*	=MROUND(A1,5)					
	A	B	C	D	E	F	G	H	I
1	114.7261	115							
2									

✦ CEILING

The same as MROUND but always rounds up.

B1		⋮	✕ ✓ *fx*	=CEILING(A1,10)					
	A	B	C	D	E	F	G	H	I
1	114.7261	120							
2									

✦ FLOOR

The same as MROUND but always rounds down.

	A	B	C	D	E	F	G	H	I
	B1		=FLOOR(A1,5)						
1	114.7261	110							
2									

✦ Rounding Prices

Need to adjust prices to make paying in cash easier? Use the MROUND function in Excel to round prices to coin values.

1. The MROUND function below rounds a price to the nearest nickel (5 cents).

	A	B	C	D	E	F	G	H	I
	B1		=MROUND(A1,0.05)						
1	$ 40.63	$ 40.65							
2									

2. The MROUND function below rounds a price to the nearest dime (10 cents).

	A	B	C	D	E	F	G	H	I
	B1		=MROUND(A1,0.1)						
1	$ 40.63	$ 40.60							
2									

3. The MROUND function below rounds a price to the nearest quarter (25 cents).

	A	B	C	D	E	F	G	H	I
	B1		=MROUND(A1,0.25)						
1	$ 40.63	$ 40.75							
2									

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- nearest-multiple.xlsx

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