

How do I multiply a column in Excel by a percentage?

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To multiply a column in Excel by a percentage, you can use the "Multiply" formula. First, select the column you want to multiply. Then, enter the formula " $\text{=column letter*percentage}$ " in the desired cell. For example, if you want to multiply column A by 20%, you would enter " $\text{=A*20\%}$ " in the cell. This will automatically calculate the result and apply it to all the cells in the selected column. You can also drag the formula down to apply it to multiple columns. This method is useful for quickly calculating percentages or applying a specific percentage to a set of data in an Excel spreadsheet.

Excel: Multiply Column by a Percentage

You can use the following basic formula to multiply a column by a percentage in Excel:

$\text{=CELL*(PERCENT/100)}$

For example, you can use the following formula to multiply the value in cell A1 by 50%:

=A1*(50/100)

You can then click and drag this formula down column A to multiply every value in column A by 50%.

The following example shows how to use this formula in practice.

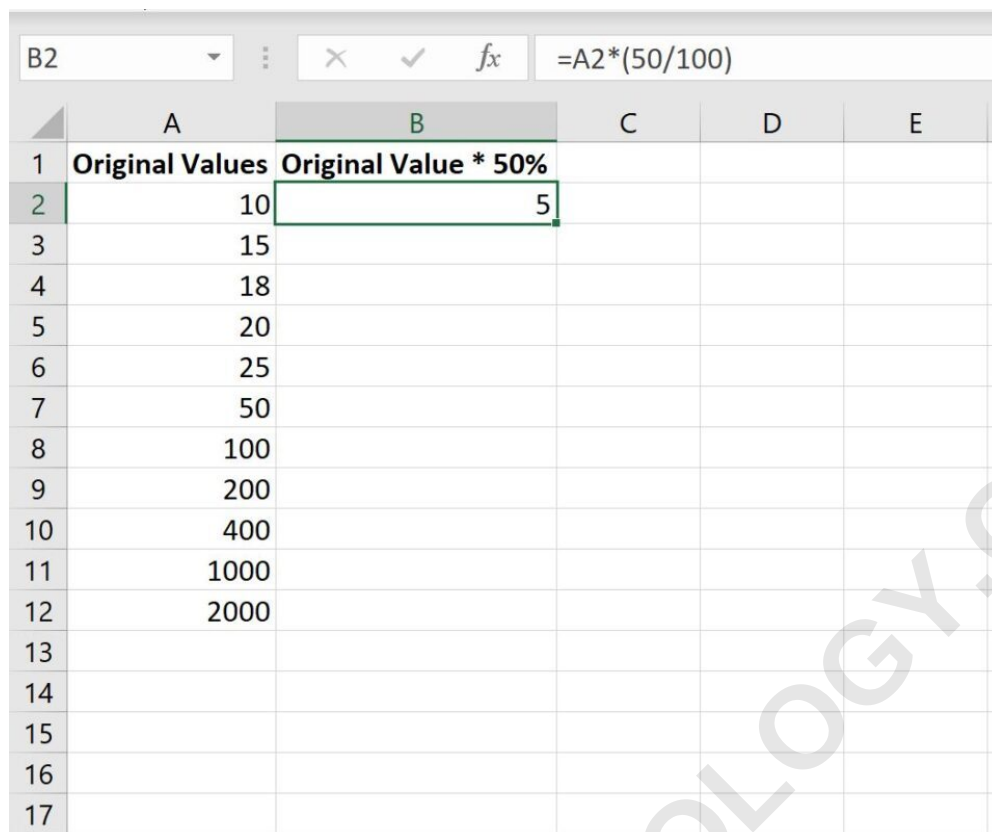
Example: Multiply Column by a Percentage in Excel

Suppose we have the following list of values in Excel:

	A	B	C	D	E	F
1	Original Values					
2	10					
3	15					
4	18					
5	20					
6	25					
7	50					
8	100					
9	200					
10	400					
11	1000					
12	2000					
13						
14						
15						
16						
17						
18						
19						

We can use the following formula to multiply the value in cell A2 by 50%:

=A2*(50/100)

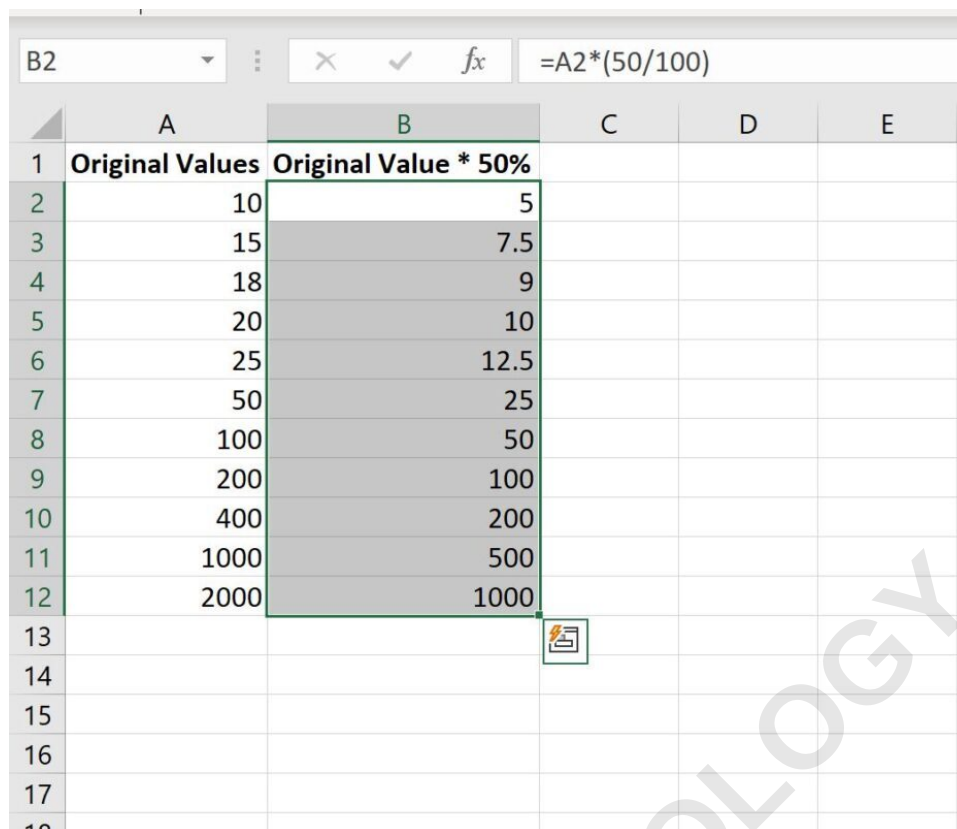


The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E
1	Original Values	Original Value * 50%			
2	10	5			
3	15				
4	18				
5	20				
6	25				
7	50				
8	100				
9	200				
10	400				
11	1000				
12	2000				
13					
14					
15					
16					
17					

The formula bar at the top shows the formula $=A2*(50/100)$ for cell B2. The spreadsheet is watermarked with 'ARABPSYCHOLOGY.COM'.

Next, we can hover over the bottom right-hand corner of cell B2 until a tiny "+" appears. Then click and drag down to all of the remaining cells in column B:



The image shows an Excel spreadsheet with the following data:

	A	B	C	D	E
1	Original Values	Original Value * 50%			
2	10	5			
3	15	7.5			
4	18	9			
5	20	10			
6	25	12.5			
7	50	25			
8	100	50			
9	200	100			
10	400	200			
11	1000	500			
12	2000	1000			
13					
14					
15					
16					
17					
18					

The formula bar at the top shows the formula `=A2*(50/100)` for cell B2.

All of the values in column B are equal to the corresponding values in column A multiplied by 50%.

For example:

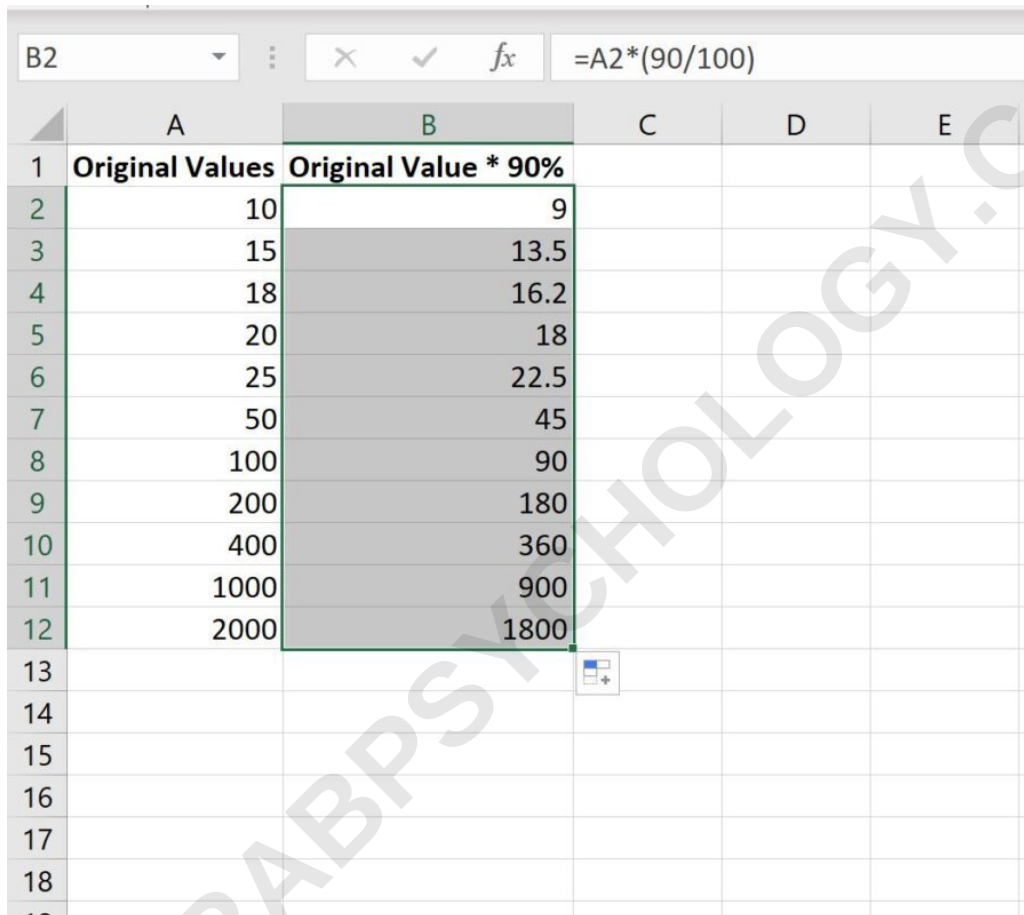
$10 * 50\% = 5.0$
 $15 * 50\% = 7.5$
 $18 * 50\% = 9$
 $20 * 50\% = 10$
 $25 * 50\% = 12.5$

To multiply by a different percentage, simply change the value used in cell B2.

For example, to multiply by 90% simply use the following formula:

=A2*(90/100)

Then click and drag this formula down to all of the remaining cells in column B.



The screenshot shows an Excel spreadsheet with columns A through E. Column A is titled 'Original Values' and contains the following values: 10, 15, 18, 20, 25, 50, 100, 200, 400, 1000, and 2000. Column B is titled 'Original Value * 90%' and contains the following values: 9, 13.5, 16.2, 18, 22.5, 45, 90, 180, 360, 900, and 1800. The formula bar at the top shows the formula '=A2*(90/100)' and the active cell is B2. A watermark 'ARABPSYCHOLOGY.COM' is visible across the spreadsheet.

	A	B	C	D	E
1	Original Values	Original Value * 90%			
2	10	9			
3	15	13.5			
4	18	16.2			
5	20	18			
6	25	22.5			
7	50	45			
8	100	90			
9	200	180			
10	400	360			
11	1000	900			
12	2000	1800			
13					
14					
15					
16					
17					
18					

Each value in column B will now be equal to the corresponding values in column A multiplied by 90%.

For example:

10 * 90% = 9.15 * 90% = 13.5.18 * 90% = 16.2.20 * 90% =

18.25 * 90% = 22.5.

And so on.

Additional Resources

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

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