
Subject: Round numbers by decimal places?

Posted by [Santora V](#) on Wed, 19 Nov 2025 21:23:42 GMT

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Is there a simple way to round numbers by decimal places rather than significant figures? I have a column with values that range from 1 to several digits (first list below), and I want to round them as shown in the 2nd list.

Perhaps a find and replace search?

Thanks!

1.1
11.2
11.6
101.2
101.6

Round to:

1
11
12
101
102

Subject: Re: Round numbers by decimal places?

Posted by [amorrison](#) on Thu, 20 Nov 2025 12:39:55 GMT

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Hi,

If you don't mind an extra column you can use "Add Calculated Values" to round numbers.

Rounded Value - round(x, scale).

Best,

Angus

Subject: Re: Round numbers by decimal places?

Posted by [Santora V](#) on Fri, 21 Nov 2025 01:04:13 GMT

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Thanks, Angus.

I'm aware of this option, but would like to include the change in a macro for any/all columns rather than create multiple calculated columns.

Subject: Re: Round numbers by decimal places?
Posted by [nbehrnd](#) on Sun, 07 Dec 2025 11:46:40 GMT
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Hello Santora

As an example for a small set of 10 molecules, the dwam macro attached proceeds in a sequence to

- compute the molecular weight, like one would click over Chemistry -> From Chemical Structure -> Calculate Properties -> Total average molweight, to create a temporary new column. DW 06.0.5.02 populates this one with three decimals if the third one is 1-9, a 0 leads to truncation
- creates a new column `MW_rounded` of calculated values (here: to round the molecular weight to 0 decimals)
- deletes the earlier, now no longer needed column of molecular weights with up to 3 decimals.

The .dwam is the result of recording the macro (macro -> start recording, later macro -> end recording and export macro). In the step to create the column about rounded molecular weights, during recording the macro, one can opt-in to directly overwrite the already existing column about molecular weight, too (see the second macro). This simplifies the macro file; using one, or the other route depends on your preferences.

Best regards

Norwid

File Attachments

- 1) [Random_Molecules.dwar](#), downloaded 139 times
 - 2) [MW_rounded.dwam](#), downloaded 140 times
 - 3) [rounded_overwrite.dwam](#), downloaded 136 times
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Subject: Re: Round numbers by decimal places?
Posted by [thomas](#) on Thu, 29 Jan 2026 12:38:17 GMT
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Hello Santora, Angus and Norvid,

the next update will provide a new rounding mode 'multiple of' associated with a value, which will solve this. A value of '1' would cause rounding to an integer, a value of '0.01' would then round to two digits after the decimal point.
