

Multiplying Decimals by whole Numbers

* When multiplying Decimals :

1st - Always Treat Them as whole Numbers.

2nd - Count the Decimal Places in both numbers.

3rd - Properly move and Place the Decimal in the Product (Answer).

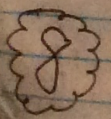
Examples:

$$4 \times 0.83 = \underline{3.32}$$

* 4 groups of 0.83 *

0.83	0.83	0.83	0.83
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0.83 = 2 decimal Places	<u>Check Answer:</u>	3 1
x 4 = 0 decimal Places		0.83
3.32, 2 decimal Places		0.83
		0.83
		<u>0.83</u>
		Correct ✓ 3.32



* Remember to check your answers using Repeated Addition.

Multiplying Decimals by Decimals

* Multiplying Decimals by Decimals you follow the same steps on pg. 8 multiplying Decimals by whole numbers. *

Examples: Annex Zeros as needed.

$$1.4 \times 0.067 = \underline{0.0938}$$

0.067	3 decimal Places
x 1.4	1 decimal Place
268	4 decimal Places
+ 67x	
938	

move decimal 4 places to the LEFT

938, Annex Zeros to make 4 decimal places

$$0.0938$$

