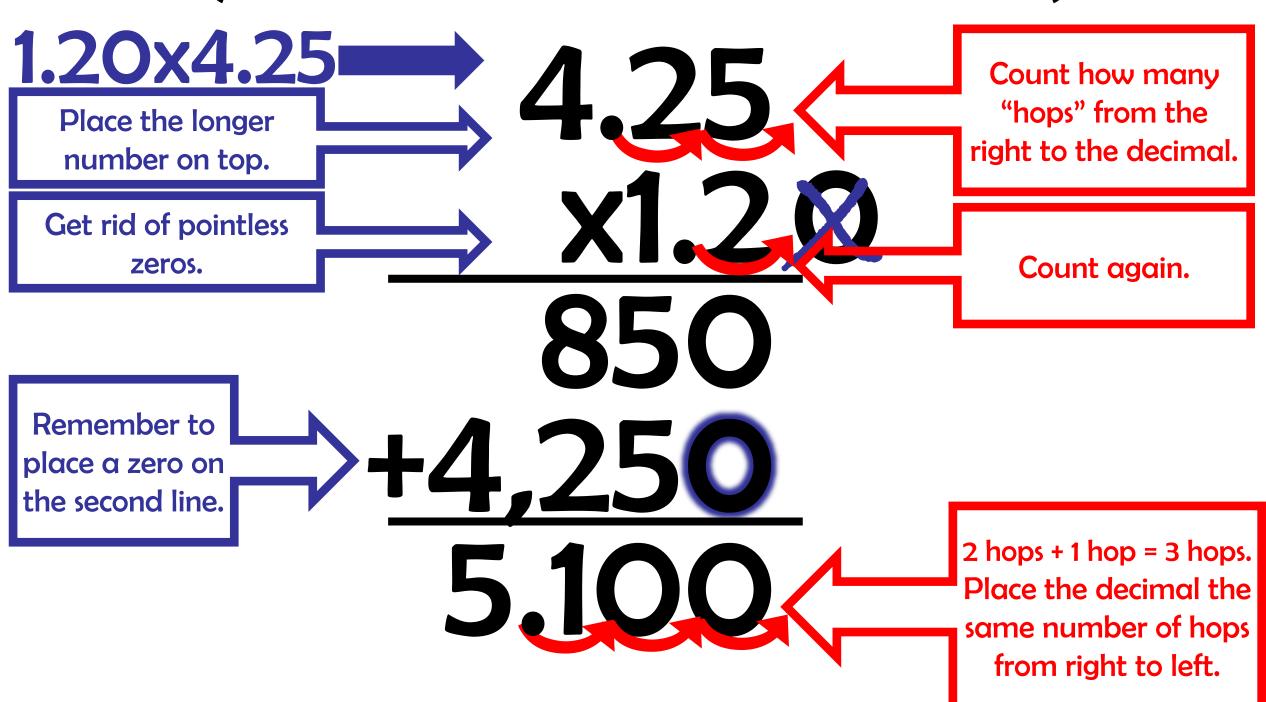
To Multiply Numbers with Decimals Line Up Numbers All the Way to the Right (As if the Decimals Were Not There)



Decimal "of" # means to multiply the decimal by the #.

$$\frac{1}{4} \left(\frac{25}{100} \right) \text{ of } \frac{1}{2} \left(\frac{50}{100} \right)$$



25% of 50%







#>1 1.25 X1.5 625 +1250 1.87.5

If multiplying a #<1 by a #<1 the answer will be a #<1.

0.25 X0.5 0.125

If multiplying a #<1 by a #>1 the answer could either be a 5.25#<1 or a #>1. $\frac{X0.5}{2.625}$ 1.25 X0.5 0.625

Multiplying and Dividing by Powers of Ten



$$X \frac{1}{10} = \div 10$$

 $X 0.1 = \div 10$

$$X_{\frac{1}{100}} = \pm 100$$

$$X 0.01 = \pm 100$$