

## Multiplying and Dividing Decimals

### Multiplying Decimals:

\* DO NOT LINE UP DECIMALS!

EX.  $-3.4(0.25)$

$$\begin{array}{r} \overset{2}{*}0.\overset{2}{2}5 \leftarrow 2 \\ \times \overset{1}{3}.\overset{1}{4} \leftarrow 1 \\ \hline 100 \\ + 0750 \\ \hline \boxed{-0.850} \end{array}$$

### Dividing Decimals

- 1) Move decimal to the right to make divisor a whole #.
- 2) Move decimal in the dividend to the same # of places to the right.

EX.  $9.36 \div (5.2)$  ← divisor

$$\begin{array}{r} 5.2 \cdot \overline{)9.36} \\ \underline{01.8} \\ 52 \overline{)93.6} \\ \underline{-52} \downarrow \\ 416 \\ \underline{-416} \\ 0 \end{array} = \boxed{1.8}$$