

* Line up your decimals
then drop decimal down

Chapter 3 Lesson 1

Add and Subtract Decimals

Add Decimals: Line up decimal points. Then, add digits in the same place value.

Examples:

$$3.6 + 9.2 = 12.8$$

$$\begin{array}{r} 3.6 \\ + 9.2 \\ \hline 12.8 \end{array}$$

$$36.12 + 1.2 = 37.32$$

$$\begin{array}{r} 36.12 \\ + 1.20 \\ \hline 37.32 \end{array}$$

$$15.21 + 12 = 27.21$$

$$\begin{array}{r} 15.21 \\ + 12.00 \\ \hline 27.21 \end{array}$$

$$.132 + 1.24 = 1.372$$

$$\begin{array}{r} 1.240 \\ + .132 \\ \hline 1.372 \end{array}$$

Subtract Decimals: Line up decimal points. Then, subtract digits in the same place-value position. You may need to annex, or place zeros at the end of a decimal, in order to subtract.

Examples:

$$5.762 - 4.391 = 1.371$$

$$\begin{array}{r} 5.762 \\ - 4.391 \\ \hline 1.371 \end{array}$$

$$6 - 4.83 = 1.17$$

$$\begin{array}{r} 6.00 \\ - 4.83 \\ \hline 1.17 \end{array}$$

$$22 - .354 = 21.646$$

$$\begin{array}{r} \overset{1}{2}2.\overset{9}{\cancel{0}}\overset{9}{\cancel{0}}\overset{0}{\cancel{0}} \\ - \overset{0}{\cancel{0}}\overset{0}{\cancel{0}}.354 \\ \hline 21.646 \end{array}$$

$$\$20.63 - \$2.99 = \$17.64$$

$$\begin{array}{r} \overset{195}{\$}20.\overset{63}{63} \\ - \overset{00}{\$}2.99 \\ \hline 17.64 \end{array}$$