

Name \_\_\_\_\_

Date \_\_\_\_\_

## Subtracting Decimals (Thousandths) Lesson and Practice

Subtract the given decimal numbers.

$$\begin{array}{r} 21.506 \\ -12.109 \\ \hline \end{array}$$

Solution:

- Step 1** Subtract the digits from right to left starting from the thousandth place. Note the carry over taken from the higher place value digits. Also note the values resulting after taking the carry over.
- $$\begin{array}{r} \phantom{4} \phantom{9} \phantom{16} \\ 21.\overset{4}{\cancel{5}}\overset{9}{\cancel{0}}\overset{16}{\cancel{6}} \\ -12.109 \\ \hline \phantom{21.}397 \end{array}$$
- Step 2** Place decimal point directly below starting position.
- $$\begin{array}{r} 21.506 \\ -12.109 \\ \hline \phantom{21.}397 \end{array}$$
- Step 3** Subtract the remaining digits at the ones and the tens place. Note the carry over taken from higher place value digits.
- $$\begin{array}{r} \phantom{1} \phantom{11} \\ \cancel{21}.506 \\ -12.109 \\ \hline \phantom{21.}9.397 \end{array}$$
- Step 4** Therefore the subtraction is:
- $$\begin{array}{r} 21.506 \\ -12.109 \\ \hline \phantom{21.}9.397 \end{array}$$

Answer: 9.397

Practice Problems.

1

$$\begin{array}{r} 39.529 \\ -20.416 \\ \hline \end{array}$$

2

$$\begin{array}{r} 19.391 \\ -11.984 \\ \hline \end{array}$$

