

# Key

Unit One: Back to the Basics

Name: \_\_\_\_\_

Lesson 4: Multiply Decimals (Compare and Order Review)

Date: \_\_\_\_\_

## LEARNING TARGETS

- I can compare and order decimals.
- I can multiply multi-digit decimals.

Compare the following using  $<$ ,  $>$ , or  $=$ .

1.  $201.0 = 201.00$

2.  $35.765 < 36.765$

3.  $211.378 < 211.379$

4.  $4.9989 > 4.9988$

Order from least to greatest.

5.  $3.3, 4.3, 3.33, 0.3, 0.355, 0.35, 2.3$

$.3, .35, .355, 2.3, 3.3, 3.33, 4.3$

6.  $10.1, 0.1, 10.11, 11.1, 0.12, 0.11, 0.01$

$.01, .1, .11, .12, 10.1, 10.11, 11.1$

Directions: Multiply the following. Please show your work.

7.  $1.67 \times 3.2$

$$\begin{array}{r}
 1.67 \\
 * 3.2 \\
 \hline
 334 \\
 + 5010 \\
 \hline
 5.324
 \end{array}$$

estimate  $\approx$   
 $1.5 \times 3 = 4.5$

8.  $84.78 \times 0.612$

$$\begin{array}{r}
 84.78 \\
 * 0.612 \\
 \hline
 16956 \\
 + 84780 \\
 + 5086800 \\
 \hline
 51.88536
 \end{array}$$

estimate  
 $84 \times .5 = 42$

9.  $98.47 \times 0.7$

$$\begin{array}{r}
 98.47 \\
 * .7 \\
 \hline
 68.929
 \end{array}$$

estimate  $\approx$   
 $100 \times .75 = 75$

10.  $36 \times 1.1$

$$\begin{array}{r}
 36 \\
 * 1.1 \\
 \hline
 36 \\
 + 36 \\
 \hline
 39.6
 \end{array}$$

estimate  $\approx$   
 $36 \times 1 = 36$