

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

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

## Comparing and Ordering Decimals

Arrange the following sets of decimals in ascending order.

1)      7.5          17.5          0.75          0.075          7.56          75.6  
\_\_\_\_\_

2)      0.85          8.5          118.5          0.085          11.85          1.185  
\_\_\_\_\_

3)      4.43          44.3          5.57          55.7          0.443          0.043  
\_\_\_\_\_

Arrange the following sets of decimals in descending order.

1)      2.4          3.7          2.9          2.93          0.037          0.29  
\_\_\_\_\_

2)      4.276          42.7          4.38          4.3          4.270          0.43  
\_\_\_\_\_

3)      0.17          0.07          7.07          7.17          0.017          0.707  
\_\_\_\_\_

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## Comparing and Ordering Decimals

### Answers

1)  $\begin{array}{l} 7.5 \\ \underline{0.075} \end{array}$     $\begin{array}{l} 17.5 \\ \underline{0.75} \end{array}$     $\begin{array}{l} 0.75 \\ \underline{7.5} \end{array}$     $\begin{array}{l} 0.075 \\ \underline{7.56} \end{array}$     $\begin{array}{l} 7.56 \\ \underline{17.5} \end{array}$     $\begin{array}{l} 75.6 \\ \underline{76.6} \end{array}$

2)  $\begin{array}{l} 0.85 \\ \underline{0.085} \end{array}$     $\begin{array}{l} 8.5 \\ \underline{0.85} \end{array}$     $\begin{array}{l} 118.5 \\ \underline{1.185} \end{array}$     $\begin{array}{l} 0.085 \\ \underline{8.5} \end{array}$     $\begin{array}{l} 11.85 \\ \underline{11.85} \end{array}$     $\begin{array}{l} 1.185 \\ \underline{118.5} \end{array}$

3)  $\begin{array}{l} 4.43 \\ \underline{0.043} \end{array}$     $\begin{array}{l} 44.3 \\ \underline{0.443} \end{array}$     $\begin{array}{l} 5.57 \\ \underline{4.43} \end{array}$     $\begin{array}{l} 55.7 \\ \underline{5.57} \end{array}$     $\begin{array}{l} 0.443 \\ \underline{44.3} \end{array}$     $\begin{array}{l} 0.043 \\ \underline{55.7} \end{array}$

1)  $\begin{array}{l} 2.4 \\ \underline{3.7} \end{array}$     $\begin{array}{l} 3.7 \\ \underline{2.93} \end{array}$     $\begin{array}{l} 2.9 \\ \underline{2.9} \end{array}$     $\begin{array}{l} 2.93 \\ \underline{2.4} \end{array}$     $\begin{array}{l} 0.037 \\ \underline{0.29} \end{array}$     $\begin{array}{l} 0.29 \\ \underline{0.037} \end{array}$

2)  $\begin{array}{l} 4.276 \\ \underline{42.7} \end{array}$     $\begin{array}{l} 42.7 \\ \underline{4.38} \end{array}$     $\begin{array}{l} 4.38 \\ \underline{4.3} \end{array}$     $\begin{array}{l} 4.3 \\ \underline{4.270} \end{array}$     $\begin{array}{l} 4.270 \\ \underline{4.276} \end{array}$     $\begin{array}{l} 0.43 \\ \underline{0.43} \end{array}$

3)  $\begin{array}{l} 0.17 \\ \underline{7.17} \end{array}$     $\begin{array}{l} 0.07 \\ \underline{7.07} \end{array}$     $\begin{array}{l} 7.07 \\ \underline{0.707} \end{array}$     $\begin{array}{l} 7.17 \\ \underline{0.17} \end{array}$     $\begin{array}{l} 0.017 \\ \underline{0.07} \end{array}$     $\begin{array}{l} 0.707 \\ \underline{0.017} \end{array}$