

Name: _____

Date: _____



Multiplying Decimals

Directions: Determine the product for each of the questions below.

1

$3.75 \cdot 2.1$

$$\begin{array}{r} \overset{1}{3} \overset{1}{\boxed{75}} \\ \times \quad \boxed{21} \\ \hline 375 \\ + 750X \\ \hline 7875 \end{array}$$

3 decimal places

3 places moved to the left

Final Answer:
7.875

2

9×5.614

$$\begin{array}{r} \overset{5}{5} \overset{1}{\boxed{614}} \\ \times \quad \quad \quad \overset{3}{9} \\ \hline 50526 \end{array}$$

3 decimal places

3 places moved to the left

Final Answer:
50.526

3

$11.9 \cdot 7.7$

$$\begin{array}{r} \overset{1}{1} \overset{6}{\boxed{19}} \\ \times \quad \quad \quad \boxed{77} \\ \hline 833 \\ + 833X \\ \hline 9163 \end{array}$$

2 decimal places

2 places moved to the left

Final Answer:
91.63

4

2.45×8.36

$$\begin{array}{r} \overset{3}{2} \overset{1}{\boxed{45}} \\ \times \quad \quad \quad \overset{4}{\boxed{836}} \\ \hline 1470 \\ \overset{1}{7} \overset{1}{3} \overset{1}{5} X \\ \hline 1960XX \\ \hline 204820 \end{array}$$

4 decimal places

4 places moved to the left

Final Answer:
20.4820 or 20.482