

Math 6 Remote Learning Lesson 6 - Operations with Decimals

4.7×0.9

Step 1

$$\begin{array}{r} \overset{6}{47} \\ \times \quad 9 \\ \hline 423 \end{array}$$

Step 2

$$\begin{array}{r} \overset{6}{4.7} \\ \times \quad 0.9 \\ \hline 4.23 \end{array}$$

← 1 decimal place
← + 1 decimal place
← 2 decimal places

0.45×6.1

8.2×0.7

Step 1

$$\begin{array}{r} 82 \\ \times \quad 7 \\ \hline \end{array}$$

Step 2

$$\begin{array}{r} 8.2 \\ \times \quad 0.7 \\ \hline \end{array}$$

5.7×2.1

Step 1

$$\begin{array}{r} 57 \\ \times \quad 21 \\ \hline \end{array}$$

Step 2

$$\begin{array}{r} 5.7 \\ \times \quad 2.1 \\ \hline \end{array}$$

0.35×0.62

$$0.76 \div 0.4 = \frac{76}{100} \div \frac{4}{10}$$

Express the decimals as fractions.

$$= \frac{76}{100} \times \frac{10}{4}$$

Write as a multiplication expression.

$$= \frac{19}{10}$$

Divide by the common factor, 4.
Divide by the common factor, 10.

$$= 1.9$$

Divide.

$0.96 \div 0.6$

$$0.51 \div 0.3 = \underline{\quad} \div \underline{\quad}$$

Express the decimals as fractions.

$$= \underline{\quad} \times \underline{\quad}$$

Write as a multiplication expression.

$$= \underline{\quad}$$

Divide by the common factors.

$$= \underline{\quad}$$

Divide.

$3.28 \div 0.4$

$22.5 + 1.8 =$

$542.145 - 16.24$

$25.236 + 0.1852$