

Name _____

Station 1: Basic Long Division

$$16 \overline{)672}$$

$$12 \overline{)2448}$$

$$17 \overline{)8721}$$

Name Key
Station 1: Basic Long Division

$$\begin{array}{r} 42 \\ 16 \overline{)672} \\ \underline{64} \\ 32 \\ \underline{32} \\ 0 \end{array}$$

$$\begin{array}{r} 204 \\ 12 \overline{)2448} \\ \underline{24} \\ 048 \\ \underline{48} \\ 0 \end{array}$$

$$\begin{array}{r} 513 \\ 17 \overline{)8721} \\ \underline{85} \\ 22 \\ \underline{17} \\ 51 \\ \underline{51} \\ 0 \end{array}$$

Name _____

Station 2: Multiplying Decimals

$$\begin{array}{r} 2.31 \\ \times 4.5 \\ \hline \end{array}$$

$$\begin{array}{r} 48.23 \\ \times 3.9 \\ \hline \end{array}$$

$$4.8 \cdot 3.235 =$$

Steps to Multiply

1. Ignore the Decimal Point.

Multiply Normally

2. Count how many decimal places the two original numbers have combined.

3. Starting at the right of your answer, move that many decimal places to the left and place the decimal point

Name Key
Station 2: Multiplying Decimals

$$\begin{array}{r} 1 \\ 2.31 \\ \times 4.5 \\ \hline 1155 \\ + 9240 \\ \hline 10.395 \end{array}$$

$$4.8 \cdot 3.235 =$$

$$\begin{array}{r} 2 \\ 48.23 \\ \times 3.9 \\ \hline 43407 \\ 144690 \\ \hline 188097 \end{array}$$

$$\begin{array}{r} 12 \\ 3.235 \\ \times 4.8 \\ \hline 25880 \\ 129400 \\ \hline 15.5280 \end{array}$$

Steps to Multiply

1. Ignore the Decimal Point.
Multiply Normally
2. Count how many decimal places the two original numbers have combined.
3. Starting at the right of your answer, move that many decimal places to the left and place the decimal point

Name _____

Station 3: Multiplying Decimals

$$\begin{array}{r} 0.43 \\ \times 0.22 \\ \hline \end{array}$$

$$\begin{array}{r} 4.29 \\ \times 5.03 \\ \hline \end{array}$$

$$0.066(0.05)=$$

Steps to Multiply

1. Ignore the Decimal Point.

Multiply Normally

2. Count how many decimal places the two original numbers have combined.

3. Starting at the right of your answer, move that many decimal places to the left and place the decimal point

Name

Answer Key

Station 3: Multiplying Decimals

0.43

x 0.22

$$\begin{array}{r} 086 \\ 0860 \\ \hline .0946 \end{array}$$

⁴
1 2
4.29

x 5.03

$$\begin{array}{r} 1287 \\ 214500 \\ \hline 21.5787 \end{array}$$

0.066(0.05)=

$$\begin{array}{r} 33 \\ .066 \\ \times .05 \\ \hline .00330 \end{array}$$

.00330

Steps to Multiply

1. Ignore the Decimal Point.

Multiply Normally

2. Count how many decimal places the two original numbers have combined.

3. Starting at the right of your answer, move that many decimal places to the left and place the decimal point

Name _____

Station 4: Dividing Decimals

$$0.5 \overline{)2.25}$$

$$1.2 \div 0.005$$

Steps to Divide

1. $a \div b = b \overline{)a}$

2. Move the decimal point to the right to make the divisor (b) a whole number. Move the decimal the same amount of spaces to the right in the dividend (a).

3. Put the Decimal Point in the answer directly above the dividend (a)

4. Divide Normally using Long Division

Name Key
Station 4: Dividing Decimals

$$\begin{array}{r} 4.5 \\ 0.5 \overline{) 2.25} \\ \underline{20} \\ 25 \\ \underline{25} \\ 0 \end{array}$$

$$\begin{array}{r} 240. \\ 1.2 \div 0.005 \\ .005 \overline{) 1.200} \\ \underline{10} \\ 20 \\ \underline{20} \\ 00 \end{array}$$

Steps to Divide

1. $a \div b = b \overline{)a}$
2. Move the decimal point to the right to make the divisor (b) a whole number. Move the decimal the same amount of spaces to the right in the dividend (a).
3. Put the Decimal Point in the answer directly above the dividend (a)
4. Divide Normally using Long Division

Name _____
Station 5: Dividing Decimals

$$1.2 \overline{)36.42}$$

$$4.1 \div 0.8$$

Steps to Divide

1. $a \div b = b \overline{)a}$

2. Move the decimal point to the right to make the divisor (b) a whole number. Move the decimal the same amount of spaces to the right in the dividend (a).

3. Put the Decimal Point in the answer directly above the dividend (a)

4. Divide Normally using Long Division

Name Key
Station 5: Dividing Decimals

$$\begin{array}{r} 30.35 \\ 1.2 \overline{) 36.420} \\ \underline{36} \\ 042 \\ \underline{36} \\ 60 \end{array}$$

$$\begin{array}{r} 5.125 \\ 0.8 \overline{) 4.1000} \\ \underline{40} \\ 10 \\ \underline{08} \\ 20 \\ \underline{16} \\ 40 \\ \underline{40} \\ 0 \end{array}$$

Steps to Divide

1. $a \div b = b \overline{)a}$
2. Move the decimal point to the right to make the divisor (b) a whole number. Move the decimal the same amount of spaces to the right in the dividend (a).
3. Put the Decimal Point in the answer directly above the dividend (a)
4. Divide Normally using Long Division