Name _____

Station 1: Basic Long Division

$16\overline{)672}$ $12\overline{)2448}$ $17\overline{)8721}$

Name __Key__

Station 1: Basic Long Division

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

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

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

Name _____

Station 2: Multiplying Decimals

$$
\begin{array}{r}
2.31 \\
\times\ 4.5 \\
\hline
\end{array}
\qquad
\begin{array}{r}
48.23 \\
\times\ 3.9 \\
\hline
\end{array}
$$

$4.8 \cdot 3.235 =$

Name __Key__

Station 2: Multiplying Decimals

$$\overset{1}{}$$
$$2.31$$
$$\times\ 4.5$$
$$\overline{}$$
$$11\ 55$$
$$+9\ 24\ 0$$
$$\overline{10.395}$$

$$\overset{2}{\underset{}{7\,2\,2}}$$
$$48.23$$
$$\times\ 3.9$$
$$\overline{}$$
$$43407$$
$$14469\ 0$$
$$\overline{188.097}$$

$$4.8 \cdot 3.235 =$$

$$\overset{1\ 2}{\times\ 2\,4}$$
$$3.235$$
$$\times\ 4.8$$
$$\overline{}$$
$$25880$$
$$12940\ 0$$
$$\overline{15.5\,2\,80}$$

Name _____

Station 3: Multiplying Decimals

$$
\begin{array}{r}
0.43 \\
\times\ 0.22 \\
\hline
\end{array}
\qquad
\begin{array}{r}
4.29 \\
\times\ 5.03 \\
\hline
\end{array}
$$

$0.066(0.05) =$

Station 3: Multiplying Decimals

$$0.43$$
$$\times\ 0.22$$
$$086$$
$$0860$$
$$.0946$$

$$\overset{1}{4}.\overset{\overset{4}{2}}{2}9$$
$$\times\ 5.03$$
$$1287$$
$$214500$$
$$21.5787$$

$$0.066(0.05)=$$

$$.0\overset{3}{6}\overset{3}{6}$$
$$\times\ .05$$
$$.00330$$

$$.00330$$

Name _____

Station 4: Dividing Decimals

$$0.5 \overline{)2.25}$$

$$1.2 \div 0.005$$

Name __Key__

Station 4: Dividing Decimals

$$0.5 \overline{)2.25} = 4.5$$

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

$$1.2 \div 0.005$$

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

Name _____

Station 5: Dividing Decimals

$$1.2\overline{)36.42}$$

$$4.1 \div 0.8$$

Name **Key**

Station 5: Dividing Decimals

$$1.2 \overline{)36.420}$$

Quotient: 30.35

$$\begin{array}{r} 36 \\ \hline 042 \\ 36 \\ \hline 60 \end{array}$$

$4.1 \div 0.8$

$$0.8 \overline{)4.1000}$$

Quotient: 5.125

$$\begin{array}{r} 40 \\ \hline 10 \\ 08 \\ \hline 20 \\ 16 \\ \hline 40 \\ 40 \\ \hline 0 \end{array}$$

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