Changing Remainders to Decimals – Level 3

$$
\begin{array}{r}
1.2 \\
5\overline{)6.0} \\
-5\downarrow \\
\hline
10 \\
-10 \\
\hline
0
\end{array}
$$

To change remainders into decimals:
1. Divide until you don't have any additional numbers to bring down.
2. Place a decimal point to the right of the last number in the dividend.
3. Place a decimal point to the right of the last number in the quotient.
4. Add a zero to the dividend and continue dividing.
5. Keep adding zeros until your subtraction step results in a zero.

1. $4\overline{)17}$

3. $16\overline{)600}$

5. $12\overline{)21}$

2. $8\overline{)100}$

4. $4\overline{)39}$

6. $8\overline{)796}$

Name: _____ Date: _____

Changing Remainders to Decimals – Level 3 Answers

$$\begin{array}{r} 1.2 \\ 5\overline{)6.0} \\ -5\downarrow \\ \hline 10 \\ -10 \\ \hline 0 \end{array}$$

To change remainders into decimals:
1. Divide until you don't have any additional numbers to bring down.
2. Place a decimal point to the right of the last number in the dividend.
3. Place a decimal point to the right of the last number in the quotient.
4. Add a zero to the dividend and continue dividing.
5. Keep adding zeros until your subtraction step results in a zero.

1.
$$\begin{array}{r} 4.25 \\ 4\overline{)17.00} \\ -16\downarrow \\ \hline 10 \\ -8\downarrow \\ \hline 20 \\ -20 \\ \hline 0 \end{array}$$

3.
$$\begin{array}{r} 37.5 \\ 16\overline{)600.0} \\ -48\downarrow \\ \hline 120 \\ -112\downarrow \\ \hline 80 \\ -80 \\ \hline 0 \end{array}$$

5.
$$\begin{array}{r} 1.75 \\ 12\overline{)21.00} \\ -12\downarrow \\ \hline 90 \\ -84\downarrow \\ \hline 60 \\ -60 \\ \hline 0 \end{array}$$

2.
$$\begin{array}{r} 12.5 \\ 8\overline{)100.0} \\ -8\downarrow \\ \hline 20 \\ -16\downarrow \\ \hline 40 \\ -40 \\ \hline 0 \end{array}$$

4.
$$\begin{array}{r} 9.75 \\ 4\overline{)39.00} \\ -36\downarrow \\ \hline 30 \\ -28\downarrow \\ \hline 20 \\ -20 \\ \hline 0 \end{array}$$

6.
$$\begin{array}{r} 99.5 \\ 8\overline{)796.0} \\ -72\downarrow \\ \hline 76 \\ -72\downarrow \\ \hline 40 \\ -40 \\ \hline 0 \end{array}$$