Long Division Without Remainder

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1. $8 \div 2 =$

$$\begin{array}{r|l} & 4 \\ \hline 2 & 8 \\ & -8 \\ \hline & 0 \end{array}$$

$= 4$

2. $12 \div 4 =$

$$\begin{array}{r|l} & 3 \\ \hline 4 & 12 \\ & -12 \\ \hline & 0 \end{array}$$

$= 3$

3. $129 \div 3 =$

$$\begin{array}{r|l} & 43 \\ \hline 3 & 129 \\ & -12\downarrow \\ & 09 \\ & -9 \\ \hline & 0 \end{array}$$

$= 43$

4. $190 \div 5 =$

$$\begin{array}{r|l} & 38 \\ \hline 5 & 190 \\ & -15\downarrow \\ & 40 \\ & -40 \\ \hline & 0 \end{array}$$

$= 38$

5. $2406 \div 6 =$

$$\begin{array}{r|l} & 401 \\ \hline 6 & 2406 \\ & -24\downarrow\downarrow \\ & 006 \\ & -6 \\ \hline & 0 \end{array}$$

$= 401$

Solve the following using the long division method:

1. $8 \div 4 =$

$$\begin{array}{r|l} & 2 \\ \hline 4 & 8 \\ - & 8 \\ \hline & 0 \end{array}$$

$= 2$

2. $65 \div 5 =$

$$\begin{array}{r|l} & 13 \\ \hline 5 & 65 \\ - & 5\downarrow \\ \hline & 15 \\ - & 15 \\ \hline & 0 \end{array}$$

$= 13$

3. $369 \div 3 =$

$$\begin{array}{r|l} & 123 \\ \hline 3 & 369 \\ - & 3\downarrow \\ \hline & 06 \\ - & 6 \\ \hline & 09 \\ - & 9 \\ \hline & 0 \end{array}$$

$= 123$

Long Division With Remainder

Long Division With Remainder

1. $9 \div 2 =$

$$\begin{array}{r} 4 \\ 2\overline{)9} \\ -\,8 \\ \hline 1 \end{array}$$

$= 4 \text{ R } 1$

2. $15 \div 4 =$

$$\begin{array}{r} 3 \\ 4\overline{)15} \\ -\,12 \\ \hline 3 \end{array}$$

$= 3 \text{ R } 3$

3. $128 \div 3 =$

$$\begin{array}{r} 42 \\ 3\overline{)128} \\ -\,12\downarrow \\ \hline 08 \\ -\,6 \\ \hline 2 \end{array}$$

$= 42 \text{ R } 2$

4. $199 \div 5 =$

$$\begin{array}{r} 39 \\ 5\overline{)199} \\ -\,15\downarrow \\ \hline 49 \\ -\,45 \\ \hline 4 \end{array}$$

$= 39 \text{ R } 4$

5. $2559 \div 6 =$

$$\begin{array}{r} 426 \\ 6\overline{)2559} \\ -\,24\downarrow\downarrow \\ \hline 15 \\ -\,12 \\ \hline 39 \\ -\,36 \\ \hline 3 \end{array}$$

$= 426 \text{ R } 3$

Solve the following using the long division method:

1. $9 \div 4 =$

$$\begin{array}{r} 2 \\ 4\overline{)9} \\ -\,8 \\ \hline 1 \end{array}$$

$= 2 \text{ R } 1$

2. $78 \div 4 =$

$$\begin{array}{r} 19 \\ 4\overline{)79} \\ -\,4 \\ \hline 39 \\ -\,36 \\ \hline 3 \end{array}$$

$= 19 \text{ R } 3$

3. $369 \div 3 =$

$$\begin{array}{r} 122 \\ 3\overline{)368} \\ -\,3 \\ \hline 06 \\ -\,6 \\ \hline 08 \\ -\,6 \\ \hline 2 \end{array}$$

$= 122 \text{ R } 2$

Solve the following:

1. $8 \div 4 =$
2. $16 \div 2 =$
3. $936 \div 3 =$
4. $4816 \div 4 =$
5. $2016 \div 8 =$
6. $19 \div 2 =$
7. $637 \div 3 =$
8. $407 \div 4 =$
9. $1637 \div 5 =$
10. $2015 \div 4 =$