

Long Division: Practice

Name: _____

A. Divide. Show your work. Some of these have a remainder.

1. $3 \overline{)48}$

2. $5 \overline{)65}$

3. $8 \overline{)96}$

4. $6 \overline{)78}$

5. $4 \overline{)57}$

6. $7 \overline{)83}$

7. $3 \overline{)94}$

8. $5 \overline{)67}$

B. Divide. Watch for a 0 in the answer.

9. $4 \overline{)936}$

10. $3 \overline{)285}$

11. $7 \overline{)749}$

12. $6 \overline{)518}$

C. A baker has 140 muffins and packs them 6 to a box. How many full boxes does she make? How many muffins are left over?

D. Mia solved $824 \div 4$ and got 26. What did she forget? What is the right answer?

Long Division: Practice Answer Key

A. Divide. Show your work. Some of these have a remainder.

$$\begin{array}{r} 16 \\ 3 \overline{)48} \\ -3 \\ \hline 18 \\ -18 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 13 \\ 5 \overline{)65} \\ -5 \\ \hline 15 \\ -15 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 12 \\ 8 \overline{)96} \\ -8 \\ \hline 16 \\ -16 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 13 \\ 6 \overline{)78} \\ -6 \\ \hline 18 \\ -18 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 14 \text{ R } 1 \\ 4 \overline{)57} \\ -4 \\ \hline 17 \\ -16 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 11 \text{ R } 6 \\ 7 \overline{)83} \\ -7 \\ \hline 13 \\ -7 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 31 \text{ R } 1 \\ 3 \overline{)94} \\ -9 \\ \hline 4 \\ -3 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 13 \text{ R } 2 \\ 5 \overline{)67} \\ -5 \\ \hline 17 \\ -15 \\ \hline 2 \end{array}$$

B. Divide. Watch for a 0 in the answer.

$$\begin{array}{r} 234 \\ 4 \overline{)936} \\ -8 \\ \hline 13 \\ -12 \\ \hline 16 \\ -16 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 95 \\ 3 \overline{)285} \\ -27 \\ \hline 15 \\ -15 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 107 \\ 7 \overline{)749} \\ -7 \\ \hline 49 \\ -49 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 86 \text{ R } 2 \\ 6 \overline{)518} \\ -48 \\ \hline 38 \\ -36 \\ \hline 2 \end{array}$$

C. A baker has 140 muffins and packs them 6 to a box. How many full boxes does she make? How many muffins are left over?

23 full boxes with 2 muffins left over. $140 \div 6 = 23 \text{ R } 2$. Check: $23 \times 6 = 138$, and $138 + 2 = 140$.

D. Mia solved $824 \div 4$ and got 26. What did she forget? What is the right answer?

She left out the 0. After $8 \div 4 = 2$ she brought down the 2, and there are no 4s in 2, so a 0 belongs in the answer before the next digit comes down. $824 \div 4 = 206$.