

Long Division: Guided Practice

Name: _____

A. The first time through the steps is done for you. Finish each problem.

$$\begin{array}{r} 2 \\ 3 \overline{) 72} \\ \underline{-6} \\ 12 \\ \\ \end{array}$$

$$\begin{array}{r} 1 \\ 6 \overline{) 84} \\ \underline{-6} \\ 24 \\ \\ \end{array}$$

$$\begin{array}{r} 1 \\ 5 \overline{) 95} \\ \underline{-5} \\ 45 \\ \\ \end{array}$$

$$\begin{array}{r} 1 \\ 4 \overline{) 68} \\ \underline{-4} \\ 28 \\ \\ \end{array}$$

B. Now do every step yourself. Use the boxes to keep your digits lined up. Two of these have a remainder.

$$\begin{array}{r} 7 \overline{) 91} \\ \\ \\ \\ \end{array}$$

$$\begin{array}{r} 4 \overline{) 76} \\ \\ \\ \\ \end{array}$$

$$\begin{array}{r} 4 \overline{) 59} \\ \\ \\ \\ \end{array}$$

$$\begin{array}{r} 6 \overline{) 85} \\ \\ \\ \\ \end{array}$$

C. Three-digit numbers. Same four steps, one more time around. Watch for a 0 in the answer.

$$\begin{array}{r} 4 \overline{) 852} \\ \\ \\ \\ \\ \end{array}$$

$$\begin{array}{r} 4 \overline{) 156} \\ \\ \\ \\ \\ \end{array}$$

$$\begin{array}{r} 6 \overline{) 618} \\ \\ \\ \\ \\ \end{array}$$

$$\begin{array}{r} 5 \overline{) 437} \\ \\ \\ \\ \\ \end{array}$$

D. Check problems 7 and 8. Multiply the answer by the divisor, then add the remainder.

7. _____ × _____ + _____ = _____

8. _____ × _____ + _____ = _____

Divide, Multiply, Subtract, Bring down. Then do it again.

Long Division: Guided Practice Answer Key

A. The first time through the steps is done for you. Finish each problem.

$$\begin{array}{r} 24 \\ 3 \overline{) 72} \\ \underline{-6} \\ 12 \\ \underline{-12} \\ 0 \end{array}$$

$$\begin{array}{r} 14 \\ 6 \overline{) 84} \\ \underline{-6} \\ 24 \\ \underline{-24} \\ 0 \end{array}$$

$$\begin{array}{r} 19 \\ 5 \overline{) 95} \\ \underline{-5} \\ 45 \\ \underline{-45} \\ 0 \end{array}$$

$$\begin{array}{r} 17 \\ 4 \overline{) 68} \\ \underline{-4} \\ 28 \\ \underline{-28} \\ 0 \end{array}$$

B. Now do every step yourself. Use the boxes to keep your digits lined up. Two of these have a remainder.

$$\begin{array}{r} 13 \\ 7 \overline{) 91} \\ \underline{-7} \\ 21 \\ \underline{-21} \\ 0 \end{array}$$

$$\begin{array}{r} 19 \\ 4 \overline{) 76} \\ \underline{-4} \\ 36 \\ \underline{-36} \\ 0 \end{array}$$

$$\begin{array}{r} 14 \text{ R } 3 \\ 4 \overline{) 59} \\ \underline{-4} \\ 19 \\ \underline{-16} \\ 3 \end{array}$$

$$\begin{array}{r} 14 \text{ R } 1 \\ 6 \overline{) 85} \\ \underline{-6} \\ 25 \\ \underline{-24} \\ 1 \end{array}$$

C. Three-digit numbers. Same four steps, one more time around. Watch for a 0 in the answer.

$$\begin{array}{r} 213 \\ 4 \overline{) 852} \\ \underline{-8} \\ 5 \\ \underline{-4} \\ 12 \\ \underline{-12} \\ 0 \end{array}$$

$$\begin{array}{r} 39 \\ 4 \overline{) 156} \\ \underline{-12} \\ 36 \\ \underline{-36} \\ 0 \end{array}$$

$$\begin{array}{r} 103 \\ 6 \overline{) 618} \\ \underline{-6} \\ 18 \\ \underline{-18} \\ 0 \end{array}$$

$$\begin{array}{r} 87 \text{ R } 2 \\ 5 \overline{) 437} \\ \underline{-40} \\ 37 \\ \underline{-35} \\ 2 \end{array}$$

D. Check problems 7 and 8. Multiply the answer by the divisor, then add the remainder.

$$7. \underline{14} \times \underline{4} + \underline{3} = \underline{59} \quad \checkmark$$

$$8. \underline{14} \times \underline{6} + \underline{1} = \underline{85} \quad \checkmark$$

Divide, Multiply, Subtract, Bring down. Then do it again.