

Long division — 4-digit ÷ 1-digit (zeros in the quotient)

Name _____

Date _____

1.

$$3 \overline{)4827}$$

2.

$$7 \overline{)9451}$$

3.

$$9 \overline{)1436}$$

4.

$$7 \overline{)2118}$$

5.

$$5 \overline{)7522}$$

6.

$$3 \overline{)3027}$$

7.

$$7 \overline{)1406}$$

8.

$$7 \overline{)1616}$$

9.

$$8 \overline{)5124}$$

10.

$$8 \overline{)4039}$$

11.

$$5 \overline{)2046}$$

12.

$$9 \overline{)1812}$$

Answer key — 4-digit ÷ 1-digit (zeros in the quotient)

1.

$$\begin{array}{r} 1609 \\ 3 \overline{)4827} \\ \underline{-3} \\ 18 \\ \underline{-18} \\ 2 \\ \underline{-0} \\ 27 \\ \underline{-27} \\ 0 \end{array}$$

2.

$$\begin{array}{r} 1350 \text{ R1} \\ 7 \overline{)9451} \\ \underline{-7} \\ 24 \\ \underline{-21} \\ 35 \\ \underline{-35} \\ 1 \\ \underline{-0} \\ 1 \end{array}$$

3.

$$\begin{array}{r} 159 \text{ R5} \\ 9 \overline{)1436} \\ \underline{-9} \\ 53 \\ \underline{-45} \\ 86 \\ \underline{-81} \\ 5 \end{array}$$

4.

$$\begin{array}{r} 302 \text{ R4} \\ 7 \overline{)2118} \\ \underline{-21} \\ 1 \\ \underline{-0} \\ 18 \\ \underline{-14} \\ 4 \end{array}$$

5.

$$\begin{array}{r} 1504 \text{ R2} \\ 5 \overline{)7522} \\ \underline{-5} \\ 25 \\ \underline{-25} \\ 2 \\ \underline{-0} \\ 22 \\ \underline{-20} \\ 2 \end{array}$$

6.

$$\begin{array}{r} 1009 \\ 3 \overline{)3027} \\ \underline{-3} \\ 0 \\ \underline{-0} \\ 2 \\ \underline{-0} \\ 27 \\ \underline{-27} \\ 0 \end{array}$$

7.

$$\begin{array}{r} 200 \text{ R6} \\ 7 \overline{)1406} \\ \underline{-14} \\ 0 \\ \underline{-0} \\ 6 \\ \underline{-0} \\ 6 \end{array}$$

8.

$$\begin{array}{r} 230 \text{ R6} \\ 7 \overline{)1616} \\ \underline{-14} \\ 21 \\ \underline{-21} \\ 6 \\ \underline{-0} \\ 6 \end{array}$$

9.

$$\begin{array}{r} 640 \text{ R4} \\ 8 \overline{)5124} \\ \underline{-48} \\ 32 \\ \underline{-32} \\ 4 \\ \underline{-0} \\ 4 \end{array}$$

10.

$$\begin{array}{r} 504 \text{ R7} \\ 8 \overline{)4039} \\ \underline{-40} \\ 3 \\ \underline{-0} \\ 39 \\ \underline{-32} \\ 7 \end{array}$$

11.

$$\begin{array}{r} 409 \text{ R1} \\ 5 \overline{)2046} \\ \underline{-20} \\ 4 \\ \underline{-0} \\ 46 \\ \underline{-45} \\ 1 \end{array}$$

12.

$$\begin{array}{r} 201 \text{ R3} \\ 9 \overline{)1812} \\ \underline{-18} \\ 1 \\ \underline{-0} \\ 12 \\ \underline{-9} \\ 3 \end{array}$$