

Name: _____

Date: _____

4-Digit by 1-Digit Long Division

Use long division. Show your work.

1.

$$8 \overline{)9944}$$

2.

$$7 \overline{)2625}$$

3.

$$9 \overline{)4140}$$

4.

$$8 \overline{)2248}$$

5.

$$4 \overline{)8604}$$

6.

$$2 \overline{)7750}$$

7.

$$6 \overline{)7686}$$

8.

$$8 \overline{)6128}$$

9.

$$7 \overline{)9170}$$

4-Digit by 1-Digit Long Division (Answer Key)

Each step: divide, multiply, subtract, bring down.

1.

$$\begin{array}{r} 1243 \\ 8 \overline{)9944} \\ \underline{-8} \\ 19 \\ \underline{-16} \\ 34 \\ \underline{-32} \\ 24 \\ \underline{-24} \\ 0 \end{array}$$

2.

$$\begin{array}{r} 375 \\ 7 \overline{)2625} \\ \underline{-21} \\ 52 \\ \underline{-49} \\ 35 \\ \underline{-35} \\ 0 \end{array}$$

3.

$$\begin{array}{r} 460 \\ 9 \overline{)4140} \\ \underline{-36} \\ 54 \\ \underline{-54} \\ 0 \\ \underline{-0} \\ 0 \end{array}$$

4.

$$\begin{array}{r} 281 \\ 8 \overline{)2248} \\ \underline{-16} \\ 64 \\ \underline{-64} \\ 8 \\ \underline{-8} \\ 0 \end{array}$$

5.

$$\begin{array}{r} 2151 \\ 4 \overline{)8604} \\ \underline{-8} \\ 6 \\ \underline{-4} \\ 20 \\ \underline{-20} \\ 4 \\ \underline{-4} \\ 0 \end{array}$$

6.

$$\begin{array}{r} 3875 \\ 2 \overline{)7750} \\ \underline{-6} \\ 17 \\ \underline{-16} \\ 15 \\ \underline{-14} \\ 10 \\ \underline{-10} \\ 0 \end{array}$$

7.

$$\begin{array}{r} 1281 \\ 6 \overline{)7686} \\ \underline{-6} \\ 16 \\ \underline{-12} \\ 48 \\ \underline{-48} \\ 6 \\ \underline{-6} \\ 0 \end{array}$$

8.

$$\begin{array}{r} 766 \\ 8 \overline{)6128} \\ \underline{-56} \\ 52 \\ \underline{-48} \\ 48 \\ \underline{-48} \\ 0 \end{array}$$

9.

$$\begin{array}{r} 1310 \\ 7 \overline{)9170} \\ \underline{-7} \\ 21 \\ \underline{-21} \\ 7 \\ \underline{-7} \\ 0 \\ \underline{-0} \\ 0 \end{array}$$