

Connecting Multiplication and Division

Solve one problem in each pair to help you solve the other.

1

$$\begin{array}{r} 8 \overline{) 72} \\ \updownarrow \end{array}$$

$$\begin{array}{r} 4 \overline{) 72} \end{array}$$

2

$$\begin{array}{r} 25 \overline{) 800} \\ \updownarrow \end{array}$$

$$\begin{array}{r} 50 \overline{) 800} \end{array}$$

3

$$\begin{array}{r} 70 \overline{) 910} \\ \updownarrow \end{array}$$

$$\begin{array}{r} 35 \overline{) 910} \end{array}$$

4

$$\begin{array}{r} 30 \\ 40 \overline{) 30} \\ \updownarrow \end{array}$$

$$\begin{array}{r} 80 \overline{) 1,200} \end{array}$$

5 Use the first two problems to help you with the third.

$$\begin{array}{l} 35 \overline{) 700} \\ 35 \overline{) 140} \end{array} \rightarrow 35 \overline{) 840}$$

Fill in the missing numbers in these problems.
Look for shortcuts to reduce the work.

6

$$\begin{array}{r} 20 \\ 80 \overline{) 20} \end{array} \rightarrow \begin{array}{r} 20 \\ 79 \overline{) 20} \end{array}$$

7

$$\begin{array}{r} 6 \\ 80 \overline{) 480} \end{array} \rightarrow \begin{array}{r} 6 \\ 79 \overline{) 6} \end{array}$$

8

$$474 + 1,580 = \underline{\hspace{2cm}}$$

9

$$\begin{array}{r} 79 \overline{) 2,054} \end{array}$$