

## Long Division with 2-Digit Divisors

**1** Use round numbers to estimate how many times 18 will divide into 77.

18 rounds to 20

77 rounds to 80

20 will divide into 80  
exactly 4 times.

Estimate: 4

**2**

$$\begin{array}{r} 23 \\ 12 \overline{)276} \\ \underline{-24} \phantom{0} \\ 36 \\ \underline{-36} \\ 0 \end{array}$$

**3**

$$\begin{array}{r} 13 \\ 15 \overline{)195} \\ \underline{-15} \phantom{0} \\ 45 \\ \underline{-45} \\ 0 \end{array}$$

**4**

$$\begin{array}{r} 82 \\ 15 \overline{)1,230} \\ \underline{-120} \phantom{0} \\ 30 \\ \underline{-30} \\ 0 \end{array}$$

**5**

$$\begin{array}{r} 240 \\ 31 \overline{)7,440} \\ \underline{-62} \phantom{0} \\ 124 \\ \underline{-124} \\ 0 \end{array}$$

**6**

$$\begin{array}{r} 365 \\ 22 \overline{)8,030} \\ \underline{-66} \phantom{0} \\ 143 \\ \underline{-132} \\ 110 \\ \underline{-110} \\ 0 \end{array}$$