Two-Digit Divisors

Find $892 \div 19$.

**Step 1:** To predict the first digit in the quotient, use compatible numbers.

Think: $80 \div 20 = 4$

Divide 892 by 19 to test your prediction.

\[
\begin{array}{c|c}
19 & 892 \\
\hline
4 & 36 \\
\hline
76 & 13 \\
\hline
13 & \text{Compare. } 13 < 19
\end{array}
\]

**Step 2:** Bring down the ones digit. Predict the next digit in the quotient. Divide and record the remainder.

Think: $120 \div 20 = 6$

Divide 132 by 19 to test your prediction.

\[
\begin{array}{c|c}
19 & 892 \\
\hline
46 & 114 \\
\hline
18 & \text{Compare. } 18 < 19
\end{array}
\]

**Check:** Multiply. Then add the remainder.

\[
46 \times 19 = 874 \\
874 + 18 = 892
\]

Divide. Check your answer.

1. $28 \div 972$
2. $24 \div 571$
3. $82 \div 69$

4. $21 \div 479$
5. $40 \div 728$
6. $30 \div 855$

7. $23 \div 724$
8. $18 \div 596$
9. $15 \div 835$

Use with text pages 112–113.