

Dividing 2-Digit by 1-Digit Numbers

You can find 2-digit quotients by breaking apart the problem and dividing tens, then ones.

Find $85 \div 5$.

Estimate: $100 \div 5 = 20$.

$$\begin{array}{r} 17 \\ 5 \overline{)85} \\ \underline{-5} \\ 35 \\ \underline{-35} \\ 0 \end{array}$$

Check: $17 \times 5 = 85$.

The answer checks.

Find $55 \div 3$.

Estimate: $60 \div 3 = 20$.

$$\begin{array}{r} 18 \text{ R}1 \\ 3 \overline{)55} \\ \underline{-3} \\ 25 \\ \underline{-24} \\ 1 \end{array}$$

Check: $18 \times 3 = 54$.

$54 + 1 = 55$

The answer checks.

Find $83 \div 7$.

Estimate: $84 \div 7 = 12$.

$$\begin{array}{r} 11 \text{ R}6 \\ 7 \overline{)83} \\ \underline{-7} \\ 13 \\ \underline{-7} \\ 6 \end{array}$$

Check: $11 \times 7 = 77$.

$77 + 6 = 83$

The answer checks.

1.

$$\begin{array}{r} 2 \\ 3 \overline{)81} \\ \underline{-} \\ 1 \\ \underline{-} \\ \\ 0 \end{array}$$

2.

$$\begin{array}{r} 1 \\ 4 \overline{)76} \\ \underline{-} \\ \\ \underline{-} \\ \\ 0 \end{array}$$

3. $3 \overline{)91}$

4. $4 \overline{)86}$

5. $2 \overline{)75}$