

# Lesson 1.4 Multi-Digit Division

983 is between 840 ( $28 \times 30$ ) and 1120 ( $28 \times 40$ ), so the tens digit is 3.

$$\begin{array}{r} 3 \\ 28 \overline{)983} \\ - 840 \\ \hline 143 \end{array} \quad \text{subtract}$$

143 is between 140 ( $28 \times 5$ ) and 168 ( $28 \times 6$ ), so the ones digit is 5.

$$\begin{array}{r} 35 \text{ r}3 \\ 28 \overline{)983} \\ - 840 \\ \hline 143 \\ - 140 \\ \hline 3 \end{array} \quad \begin{array}{l} \text{subtract} \\ \text{subtract} \\ \text{remainder} \end{array}$$

Divide.

- |    | a                    | b                    | c                    | d                    | e                    |
|----|----------------------|----------------------|----------------------|----------------------|----------------------|
| 1. | $18 \overline{)94}$  | $27 \overline{)68}$  | $22 \overline{)88}$  | $19 \overline{)78}$  | $25 \overline{)64}$  |
| 2. | $43 \overline{)88}$  | $12 \overline{)84}$  | $32 \overline{)865}$ | $24 \overline{)768}$ | $31 \overline{)913}$ |
| 3. | $27 \overline{)815}$ | $54 \overline{)725}$ | $45 \overline{)880}$ | $23 \overline{)615}$ | $18 \overline{)324}$ |