



Long Division (with remainder)

Name _____

Score _____

DS:IV:01

Example:

$$\begin{array}{r} 1) \quad \quad \quad \mathbf{15} \quad \mathbf{Q} \\ 5 \overline{) 78} \\ \quad 5 \\ \quad \hline \quad 28 \\ \quad \quad 25 \\ \quad \quad \hline \quad \quad \mathbf{3} \quad \mathbf{R} \end{array}$$

$$\begin{array}{r} 2) \quad \quad \quad \mathbf{11} \quad \mathbf{Q} \\ 2 \overline{) 23} \\ \quad 2 \\ \quad \hline \quad 03 \\ \quad \quad 02 \\ \quad \quad \hline \quad \quad \mathbf{1} \quad \mathbf{R} \end{array}$$

$$1) \quad 9 \overline{) 97}$$

$$Q = \underline{\hspace{2cm}}$$

$$R = \underline{\hspace{2cm}}$$

$$2) \quad 7 \overline{) 83}$$

$$Q = \underline{\hspace{2cm}}$$

$$R = \underline{\hspace{2cm}}$$

$$3) \quad 4 \overline{) 59}$$

$$Q = \underline{\hspace{2cm}}$$

$$R = \underline{\hspace{2cm}}$$

$$4) \quad 6 \overline{) 77}$$

$$Q = \underline{\hspace{2cm}}$$

$$R = \underline{\hspace{2cm}}$$

$$5) \quad 3 \overline{) 19}$$

$$Q = \underline{\hspace{2cm}}$$

$$R = \underline{\hspace{2cm}}$$

$$6) \quad 5 \overline{) 68}$$

$$Q = \underline{\hspace{2cm}}$$

$$R = \underline{\hspace{2cm}}$$



Long Division (with remainder)

Answer key

Name _____

Score _____

DS:IV:01

Example:

$$\begin{array}{r} 1) \quad \quad \quad \mathbf{15} \quad \mathbf{Q} \\ 5 \overline{) 78} \\ \quad 5 \\ \quad \hline \quad 28 \\ \quad 25 \\ \quad \hline \quad \mathbf{3} \quad \mathbf{R} \end{array}$$

$$\begin{array}{r} 2) \quad \quad \quad \mathbf{11} \quad \mathbf{Q} \\ 2 \overline{) 23} \\ \quad 2 \\ \quad \hline \quad 03 \\ \quad 02 \\ \quad \hline \quad \mathbf{1} \quad \mathbf{R} \end{array}$$

$$1) \quad 9 \overline{) 97}$$

$$Q = \underline{\mathbf{10}}$$

$$R = \underline{\mathbf{7}}$$

$$2) \quad 7 \overline{) 83}$$

$$Q = \underline{\mathbf{11}}$$

$$R = \underline{\mathbf{6}}$$

$$3) \quad 4 \overline{) 59}$$

$$Q = \underline{\mathbf{14}}$$

$$R = \underline{\mathbf{3}}$$

$$4) \quad 6 \overline{) 77}$$

$$Q = \underline{\mathbf{12}}$$

$$R = \underline{\mathbf{5}}$$

$$5) \quad 3 \overline{) 19}$$

$$Q = \underline{\mathbf{6}}$$

$$R = \underline{\mathbf{1}}$$

$$6) \quad 5 \overline{) 68}$$

$$Q = \underline{\mathbf{13}}$$

$$R = \underline{\mathbf{3}}$$