



Long Division (with remainder)

Name _____

Score _____

Answer key

DS:IV:19

Example:

$$\begin{array}{r} 1) \quad \quad \quad \mathbf{20} \quad \mathbf{Q} \\ 35 \overline{) 716} \\ \underline{70} \\ \mathbf{16} \quad \mathbf{R} \end{array}$$

$$\begin{array}{r} 2) \quad \quad \quad \mathbf{14} \quad \mathbf{Q} \\ 56 \overline{) 794} \\ \underline{56} \\ 234 \\ \underline{224} \\ \mathbf{10} \quad \mathbf{R} \end{array}$$

$$1) \quad 71 \overline{) 938}$$

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

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

$$2) \quad 42 \overline{) 495}$$

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

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

$$3) \quad 27 \overline{) 563}$$

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

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

$$4) \quad 50 \overline{) 890}$$

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

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

$$5) \quad 14 \overline{) 719}$$

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

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

$$6) \quad 33 \overline{) 844}$$

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

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



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$$\begin{array}{r} 1) \quad \quad \quad \mathbf{20} \quad \mathbf{Q} \\ 35 \overline{) 716} \\ \quad \underline{70} \\ \quad \quad \mathbf{16} \quad \mathbf{R} \end{array}$$

$$\begin{array}{r} 2) \quad \quad \quad \mathbf{14} \quad \mathbf{Q} \\ 56 \overline{) 794} \\ \quad \underline{56} \\ \quad \quad \underline{234} \\ \quad \quad \quad \underline{224} \\ \quad \quad \quad \quad \mathbf{10} \quad \mathbf{R} \end{array}$$

$$1) \quad 71 \overline{) 938}$$

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

$$R = \underline{\mathbf{15}}$$

$$2) \quad 42 \overline{) 495}$$

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

$$R = \underline{\mathbf{33}}$$

$$3) \quad 27 \overline{) 563}$$

$$Q = \underline{\mathbf{20}}$$

$$R = \underline{\mathbf{23}}$$

$$4) \quad 50 \overline{) 890}$$

$$Q = \underline{\mathbf{17}}$$

$$R = \underline{\mathbf{40}}$$

$$5) \quad 14 \overline{) 719}$$

$$Q = \underline{\mathbf{51}}$$

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

$$6) \quad 33 \overline{) 844}$$

$$Q = \underline{\mathbf{25}}$$

$$R = \underline{\mathbf{19}}$$