



Long Division (with remainder)

Name _____

Score _____

DS:IV:22

Example:

$$\begin{array}{r} 1) \quad \quad \quad \mathbf{45} \quad \mathbf{Q} \\ 86 \overline{) 3,915} \\ \underline{344} \\ 475 \\ \underline{430} \\ \mathbf{45} \quad \mathbf{R} \end{array}$$

$$\begin{array}{r} 2) \quad \quad \quad \mathbf{403} \quad \mathbf{Q} \\ 13 \overline{) 5,248} \\ \underline{52} \\ 048 \\ \underline{39} \\ \mathbf{9} \quad \mathbf{R} \end{array}$$

$$1) \quad 49 \overline{) 1,682}$$

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

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

$$2) \quad 25 \overline{) 7,857}$$

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

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

$$3) \quad 72 \overline{) 4,537}$$

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

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

$$4) \quad 94 \overline{) 2,174}$$

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

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

$$5) \quad 67 \overline{) 8,761}$$

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

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

$$6) \quad 38 \overline{) 6,406}$$

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

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



Long Division (with remainder)

Answer key

Name _____

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DS:IV:22

Example:

$$\begin{array}{r} 1) \quad \quad \quad \mathbf{45} \quad \mathbf{Q} \\ 86 \overline{) 3,915} \\ \underline{344} \\ 475 \\ \underline{430} \\ \mathbf{45} \quad \mathbf{R} \end{array}$$

$$\begin{array}{r} 2) \quad \quad \quad \mathbf{403} \quad \mathbf{Q} \\ 13 \overline{) 5,248} \\ \underline{52} \\ 048 \\ \underline{39} \\ \mathbf{9} \quad \mathbf{R} \end{array}$$

$$1) \quad 49 \overline{) 1,682}$$

$$Q = \underline{\mathbf{34}}$$

$$R = \underline{\mathbf{16}}$$

$$2) \quad 25 \overline{) 7,857}$$

$$Q = \underline{\mathbf{314}}$$

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

$$3) \quad 72 \overline{) 4,537}$$

$$Q = \underline{\mathbf{63}}$$

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

$$4) \quad 94 \overline{) 2,174}$$

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

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

$$5) \quad 67 \overline{) 8,761}$$

$$Q = \underline{\mathbf{130}}$$

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

$$6) \quad 38 \overline{) 6,406}$$

$$Q = \underline{\mathbf{168}}$$

$$R = \underline{\mathbf{22}}$$