



Long Division (with remainder)

Name _____

Score _____

DS:IV:04

Example:

$$\begin{array}{r} 1) \quad \mathbf{206} \quad \mathbf{Q} \\ 4 \overline{) 826} \\ \underline{80} \\ 26 \\ \underline{24} \\ \mathbf{2} \quad \mathbf{R} \end{array}$$

$$\begin{array}{r} 2) \quad \mathbf{33} \quad \mathbf{Q} \\ 9 \overline{) 298} \\ \underline{27} \\ 28 \\ \underline{27} \\ \mathbf{1} \quad \mathbf{R} \end{array}$$

$$1) \quad 8 \overline{) 437}$$

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

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

$$2) \quad 5 \overline{) 943}$$

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

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

$$3) \quad 7 \overline{) 699}$$

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

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

$$4) \quad 3 \overline{) 551}$$

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

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

$$5) \quad 2 \overline{) 315}$$

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

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

$$6) \quad 6 \overline{) 772}$$

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

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



Long Division (with remainder)

Answer key

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Example:

$$\begin{array}{r} 1) \quad \mathbf{206} \quad \mathbf{Q} \\ 4 \overline{) 826} \\ \underline{80} \\ 26 \\ \underline{24} \\ \mathbf{2} \quad \mathbf{R} \end{array}$$

$$\begin{array}{r} 2) \quad \mathbf{33} \quad \mathbf{Q} \\ 9 \overline{) 298} \\ \underline{27} \\ 28 \\ \underline{27} \\ \mathbf{1} \quad \mathbf{R} \end{array}$$

$$\begin{array}{r} 1) \quad 8 \overline{) 437} \\ \\ \mathbf{Q} = \quad \underline{\mathbf{54}} \\ \mathbf{R} = \quad \underline{\mathbf{5}} \end{array}$$

$$\begin{array}{r} 2) \quad 5 \overline{) 943} \\ \\ \mathbf{Q} = \quad \underline{\mathbf{188}} \\ \mathbf{R} = \quad \underline{\mathbf{3}} \end{array}$$

$$\begin{array}{r} 3) \quad 7 \overline{) 699} \\ \\ \mathbf{Q} = \quad \underline{\mathbf{99}} \\ \mathbf{R} = \quad \underline{\mathbf{6}} \end{array}$$

$$\begin{array}{r} 4) \quad 3 \overline{) 551} \\ \\ \mathbf{Q} = \quad \underline{\mathbf{183}} \\ \mathbf{R} = \quad \underline{\mathbf{2}} \end{array}$$

$$\begin{array}{r} 5) \quad 2 \overline{) 315} \\ \\ \mathbf{Q} = \quad \underline{\mathbf{157}} \\ \mathbf{R} = \quad \underline{\mathbf{1}} \end{array}$$

$$\begin{array}{r} 6) \quad 6 \overline{) 772} \\ \\ \mathbf{Q} = \quad \underline{\mathbf{128}} \\ \mathbf{R} = \quad \underline{\mathbf{4}} \end{array}$$