



Long Division (with remainder)

Name _____

Score _____

DS:IV:07

Example:

$$\begin{array}{r} 1) \quad \mathbf{508 \text{ Q}} \\ 3 \overline{) 1,526} \\ \underline{15} \\ 026 \\ \underline{24} \\ \mathbf{2 \text{ R}} \end{array}$$

$$\begin{array}{r} 2) \quad \mathbf{594 \text{ Q}} \\ 9 \overline{) 5,347} \\ \underline{45} \\ 84 \\ \underline{81} \\ 37 \\ \underline{36} \\ \mathbf{1 \text{ R}} \end{array}$$

$$1) \quad 5 \overline{) 8,479}$$

Q = _____

R = _____

$$2) \quad 8 \overline{) 2,150}$$

Q = _____

R = _____

$$3) \quad 7 \overline{) 3,918}$$

Q = _____

R = _____

$$4) \quad 4 \overline{) 9,627}$$

Q = _____

R = _____

$$5) \quad 2 \overline{) 7,083}$$

Q = _____

R = _____

$$6) \quad 6 \overline{) 4,136}$$

Q = _____

R = _____



Long Division (with remainder)

Answer key

Name _____

Score _____

DS:IV:07

Example:

$$\begin{array}{r} 1) \quad \quad \quad \mathbf{508 \text{ Q}} \\ 3 \overline{) 1,526} \\ \underline{15} \\ 026 \\ \underline{24} \\ \mathbf{2 \text{ R}} \end{array}$$

$$\begin{array}{r} 2) \quad \quad \quad \mathbf{594 \text{ Q}} \\ 9 \overline{) 5,347} \\ \underline{45} \\ 84 \\ \underline{81} \\ 37 \\ \underline{36} \\ \mathbf{1 \text{ R}} \end{array}$$

$$1) \quad 5 \overline{) 8,479}$$

$$Q = \underline{\mathbf{1,695}}$$

$$R = \underline{\mathbf{4}}$$

$$2) \quad 8 \overline{) 2,150}$$

$$Q = \underline{\mathbf{268}}$$

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

$$3) \quad 7 \overline{) 3,918}$$

$$Q = \underline{\mathbf{559}}$$

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

$$4) \quad 4 \overline{) 9,627}$$

$$Q = \underline{\mathbf{2,406}}$$

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

$$5) \quad 2 \overline{) 7,083}$$

$$Q = \underline{\mathbf{3,541}}$$

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

$$6) \quad 6 \overline{) 4,136}$$

$$Q = \underline{\mathbf{689}}$$

$$R = \underline{\mathbf{2}}$$