

Steps: (1) Divide (2) Multiply (3) Subtract (4) Bring down the next number (5) Repeat if needed

(1)

$$8 \overline{)79}$$

(2)

$$5 \overline{)30}$$

(3)

$$2 \overline{)29}$$

(4)

$$7 \overline{)78}$$

(5)

$$4 \overline{)22}$$

(6)

$$7 \overline{)58}$$

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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

(1)

$$\begin{array}{r} 9 \text{ R}7 \\ 8 \overline{) 79} \\ \underline{- 72} \\ 07 \end{array} \quad (9 \times 8)$$

Remainder --> 7

(2)

$$\begin{array}{r} 6 \text{ R}0 \\ 5 \overline{) 30} \\ \underline{- 30} \\ 0 \end{array} \quad (6 \times 5)$$

Remainder --> 0

(3)

$$\begin{array}{r} 14 \text{ R}1 \\ 2 \overline{) 29} \\ \underline{- 2} \\ 09 \\ \underline{- 8} \\ 01 \end{array} \quad \begin{array}{l} (1 \times 2) \\ (4 \times 2) \end{array}$$

Remainder --> 1

(4)

$$\begin{array}{r} 11 \text{ R}1 \\ 7 \overline{) 78} \\ \underline{- 7} \\ 08 \\ \underline{- 7} \\ 01 \end{array} \quad \begin{array}{l} (1 \times 7) \\ (1 \times 7) \end{array}$$

Remainder --> 1

(5)

$$\begin{array}{r} 5 \text{ R}2 \\ 4 \overline{) 22} \\ \underline{- 20} \\ 02 \end{array} \quad (5 \times 4)$$

Remainder --> 2

(6)

$$\begin{array}{r} 8 \text{ R}2 \\ 7 \overline{) 58} \\ \underline{- 56} \\ 02 \end{array} \quad (8 \times 7)$$

Remainder --> 2