

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

(1)

$$7 \overline{)22}$$

(2)

$$9 \overline{)21}$$

(3)

$$2 \overline{)54}$$

(4)

$$5 \overline{)69}$$

(5)

$$8 \overline{)64}$$

(6)

$$4 \overline{)10}$$

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

(1)

$$\begin{array}{r} 3 \text{ R}1 \\ 7 \overline{) 22} \\ - 21 \\ \hline \end{array} \quad (3 \times 7)$$

Remainder --> 1

(2)

$$\begin{array}{r} 2 \text{ R}3 \\ 9 \overline{) 21} \\ - 18 \\ \hline \end{array} \quad (2 \times 9)$$

Remainder --> 3

(3)

$$\begin{array}{r} 27 \text{ R}0 \\ 2 \overline{) 54} \\ - 4 \\ \hline 14 \\ - 14 \\ \hline \end{array} \quad \begin{array}{l} (2 \times 2) \\ (7 \times 2) \end{array}$$

Remainder --> 0

(4)

$$\begin{array}{r} 13 \text{ R}4 \\ 5 \overline{) 69} \\ - 5 \\ \hline 19 \\ - 15 \\ \hline \end{array} \quad \begin{array}{l} (1 \times 5) \\ (3 \times 5) \end{array}$$

Remainder --> 4

(5)

$$\begin{array}{r} 8 \text{ R}0 \\ 8 \overline{) 64} \\ - 64 \\ \hline \end{array} \quad (8 \times 8)$$

Remainder --> 0

(6)

$$\begin{array}{r} 2 \text{ R}2 \\ 4 \overline{) 10} \\ - 8 \\ \hline \end{array} \quad (2 \times 4)$$

Remainder --> 2