

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

(1)

$$9 \overline{)528}$$

(2)

$$4 \overline{)970}$$

(3)

$$7 \overline{)589}$$

(4)

$$6 \overline{)800}$$

(5)

$$4 \overline{)814}$$

(6)

$$5 \overline{)421}$$

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

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

<p>(1)</p> $ \begin{array}{r} 58 \text{ R}6 \\ 9 \overline{) 528} \\ \underline{- 45} \quad (5 \times 9) \\ 78 \\ \underline{- 72} \quad (8 \times 9) \\ \text{Remainder --> } 6 \end{array} $	<p>(2)</p> $ \begin{array}{r} 242 \text{ R}2 \\ 4 \overline{) 970} \\ \underline{- 8} \quad (2 \times 4) \\ 17 \\ \underline{- 16} \quad (4 \times 4) \\ 10 \\ \underline{- 8} \quad (2 \times 4) \\ \text{Remainder --> } 2 \end{array} $	<p>(3)</p> $ \begin{array}{r} 84 \text{ R}1 \\ 7 \overline{) 589} \\ \underline{- 56} \quad (8 \times 7) \\ 29 \\ \underline{- 28} \quad (4 \times 7) \\ \text{Remainder --> } 1 \end{array} $
<p>(4)</p> $ \begin{array}{r} 133 \text{ R}2 \\ 6 \overline{) 800} \\ \underline{- 6} \quad (1 \times 6) \\ 20 \\ \underline{- 18} \quad (3 \times 6) \\ 20 \\ \underline{- 18} \quad (3 \times 6) \\ \text{Remainder --> } 2 \end{array} $	<p>(5)</p> $ \begin{array}{r} 203 \text{ R}2 \\ 4 \overline{) 814} \\ \underline{- 8} \quad (2 \times 4) \\ 01 \\ \underline{- 0} \quad (0 \times 4) \\ 14 \\ \underline{- 12} \quad (3 \times 4) \\ \text{Remainder --> } 2 \end{array} $	<p>(6)</p> $ \begin{array}{r} 84 \text{ R}1 \\ 5 \overline{) 421} \\ \underline{- 40} \quad (8 \times 5) \\ 21 \\ \underline{- 20} \quad (4 \times 5) \\ \text{Remainder --> } 1 \end{array} $