

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

(1)

$$50 \overline{)909}$$

(2)

$$56 \overline{)479}$$

(3)

$$92 \overline{)570}$$

(4)

$$44 \overline{)608}$$

(5)

$$79 \overline{)813}$$

(6)

$$82 \overline{)991}$$

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

<p>(1)</p> $ \begin{array}{r} 18 \text{ R}9 \\ 50 \overline{) 909} \\ \underline{- 50} \qquad (1 \times 50) \\ 409 \\ \underline{- 400} \qquad (8 \times 50) \\ \text{Remainder --> } 9 \end{array} $	<p>(2)</p> $ \begin{array}{r} 8 \text{ R}31 \\ 56 \overline{) 479} \\ \underline{- 448} \qquad (8 \times 56) \\ \text{Remainder --> } 31 \end{array} $	<p>(3)</p> $ \begin{array}{r} 6 \text{ R}18 \\ 92 \overline{) 570} \\ \underline{- 552} \qquad (6 \times 92) \\ \text{Remainder --> } 18 \end{array} $
<p>(4)</p> $ \begin{array}{r} 13 \text{ R}36 \\ 44 \overline{) 608} \\ \underline{- 44} \qquad (1 \times 44) \\ 168 \\ \underline{- 132} \qquad (3 \times 44) \\ \text{Remainder --> } 36 \end{array} $	<p>(5)</p> $ \begin{array}{r} 10 \text{ R}23 \\ 79 \overline{) 813} \\ \underline{- 79} \qquad (1 \times 79) \\ 23 \\ \underline{- 0} \qquad (0 \times 79) \\ \text{Remainder --> } 23 \end{array} $	<p>(6)</p> $ \begin{array}{r} 12 \text{ R}7 \\ 82 \overline{) 991} \\ \underline{- 82} \qquad (1 \times 82) \\ 171 \\ \underline{- 164} \qquad (2 \times 82) \\ \text{Remainder --> } 7 \end{array} $