

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

(1)

$$2 \overline{)814}$$

(2)

$$9 \overline{)493}$$

(3)

$$8 \overline{)328}$$

(4)

$$5 \overline{)541}$$

(5)

$$6 \overline{)987}$$

(6)

$$6 \overline{)847}$$

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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} 407 \text{ R}0 \\ 2 \overline{) 814} \\ \underline{- 8} \qquad (4 \times 2) \\ 01 \\ \underline{- 0} \qquad (0 \times 2) \\ 14 \\ \underline{- 14} \qquad (7 \times 2) \\ \text{Remainder --> } 0 \end{array} $	<p>(2)</p> $ \begin{array}{r} 54 \text{ R}7 \\ 9 \overline{) 493} \\ \underline{- 45} \qquad (5 \times 9) \\ 43 \\ \underline{- 36} \qquad (4 \times 9) \\ \text{Remainder --> } 7 \end{array} $	<p>(3)</p> $ \begin{array}{r} 41 \text{ R}0 \\ 8 \overline{) 328} \\ \underline{- 32} \qquad (4 \times 8) \\ 08 \\ \underline{- 8} \qquad (1 \times 8) \\ \text{Remainder --> } 0 \end{array} $
<p>(4)</p> $ \begin{array}{r} 108 \text{ R}1 \\ 5 \overline{) 541} \\ \underline{- 5} \qquad (1 \times 5) \\ 04 \\ \underline{- 0} \qquad (0 \times 5) \\ 41 \\ \underline{- 40} \qquad (8 \times 5) \\ \text{Remainder --> } 1 \end{array} $	<p>(5)</p> $ \begin{array}{r} 164 \text{ R}3 \\ 6 \overline{) 987} \\ \underline{- 6} \qquad (1 \times 6) \\ 38 \\ \underline{- 36} \qquad (6 \times 6) \\ 27 \\ \underline{- 24} \qquad (4 \times 6) \\ \text{Remainder --> } 3 \end{array} $	<p>(6)</p> $ \begin{array}{r} 141 \text{ R}1 \\ 6 \overline{) 847} \\ \underline{- 6} \qquad (1 \times 6) \\ 24 \\ \underline{- 24} \qquad (4 \times 6) \\ 07 \\ \underline{- 6} \qquad (1 \times 6) \\ \text{Remainder --> } 1 \end{array} $