

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

(1)

$$9 \overline{)555142}$$

(2)

$$7 \overline{)264411}$$

(3)

$$7 \overline{)171948}$$

(4)

$$5 \overline{)914395}$$

(5)

$$4 \overline{)144346}$$

(6)

$$9 \overline{)445444}$$

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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} 61682 \text{ R}4 \\ 9 \overline{) 555142} \\ \underline{- 54} \qquad (6 \times 9) \\ 15 \\ \underline{- 9} \qquad (1 \times 9) \\ 61 \\ \underline{- 54} \qquad (6 \times 9) \\ 74 \\ \underline{- 72} \qquad (8 \times 9) \\ 22 \\ \underline{- 18} \qquad (2 \times 9) \\ \text{Remainder --> } 4 \end{array} $	<p>(2)</p> $ \begin{array}{r} 37773 \text{ R}0 \\ 7 \overline{) 264411} \\ \underline{- 21} \qquad (3 \times 7) \\ 54 \\ \underline{- 49} \qquad (7 \times 7) \\ 54 \\ \underline{- 49} \qquad (7 \times 7) \\ 51 \\ \underline{- 49} \qquad (7 \times 7) \\ 21 \\ \underline{- 21} \qquad (3 \times 7) \\ \text{Remainder --> } 0 \end{array} $	<p>(3)</p> $ \begin{array}{r} 24564 \text{ R}0 \\ 7 \overline{) 171948} \\ \underline{- 14} \qquad (2 \times 7) \\ 31 \\ \underline{- 28} \qquad (4 \times 7) \\ 39 \\ \underline{- 35} \qquad (5 \times 7) \\ 44 \\ \underline{- 42} \qquad (6 \times 7) \\ 28 \\ \underline{- 28} \qquad (4 \times 7) \\ \text{Remainder --> } 0 \end{array} $
<p>(4)</p> $ \begin{array}{r} 182879 \text{ R}0 \\ 5 \overline{) 914395} \\ \underline{- 5} \qquad (1 \times 5) \\ 41 \\ \underline{- 40} \qquad (8 \times 5) \\ 14 \\ \underline{- 10} \qquad (2 \times 5) \\ 43 \\ \underline{- 40} \qquad (8 \times 5) \\ 39 \\ \underline{- 35} \qquad (7 \times 5) \\ 45 \\ \underline{- 45} \qquad (9 \times 5) \\ \text{Remainder --> } 0 \end{array} $	<p>(5)</p> $ \begin{array}{r} 36086 \text{ R}2 \\ 4 \overline{) 144346} \\ \underline{- 12} \qquad (3 \times 4) \\ 24 \\ \underline{- 24} \qquad (6 \times 4) \\ 03 \\ \underline{- 0} \qquad (0 \times 4) \\ 34 \\ \underline{- 32} \qquad (8 \times 4) \\ 26 \\ \underline{- 24} \qquad (6 \times 4) \\ \text{Remainder --> } 2 \end{array} $	<p>(6)</p> $ \begin{array}{r} 49493 \text{ R}7 \\ 9 \overline{) 445444} \\ \underline{- 36} \qquad (4 \times 9) \\ 85 \\ \underline{- 81} \qquad (9 \times 9) \\ 44 \\ \underline{- 36} \qquad (4 \times 9) \\ 84 \\ \underline{- 81} \qquad (9 \times 9) \\ 34 \\ \underline{- 27} \qquad (3 \times 9) \\ \text{Remainder --> } 7 \end{array} $