

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

(1)

$$9 \overline{) 5828478}$$

(2)

$$9 \overline{) 2045120}$$

(3)

$$8 \overline{) 7590376}$$

(4)

$$5 \overline{) 9391332}$$

(5)

$$3 \overline{) 2521826}$$

(6)

$$6 \overline{) 3549480}$$

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} 647608 \text{ R6} \\ 9 \overline{) 5828478} \\ \underline{- 54} \qquad (6 \times 9) \\ 42 \\ \underline{- 36} \qquad (4 \times 9) \\ 68 \\ \underline{- 63} \qquad (7 \times 9) \\ 54 \\ \underline{- 54} \qquad (6 \times 9) \\ 07 \\ \underline{- 0} \qquad (0 \times 9) \\ 78 \\ \underline{- 72} \qquad (8 \times 9) \\ \text{Remainder -->} \quad 6 \end{array} $	<p>(2)</p> $ \begin{array}{r} 227235 \text{ R5} \\ 9 \overline{) 2045120} \\ \underline{- 18} \qquad (2 \times 9) \\ 24 \\ \underline{- 18} \qquad (2 \times 9) \\ 65 \\ \underline{- 63} \qquad (7 \times 9) \\ 21 \\ \underline{- 18} \qquad (2 \times 9) \\ 32 \\ \underline{- 27} \qquad (3 \times 9) \\ 50 \\ \underline{- 45} \qquad (5 \times 9) \\ \text{Remainder -->} \quad 5 \end{array} $	<p>(3)</p> $ \begin{array}{r} 948797 \text{ R0} \\ 8 \overline{) 7590376} \\ \underline{- 72} \qquad (9 \times 8) \\ 39 \\ \underline{- 32} \qquad (4 \times 8) \\ 70 \\ \underline{- 64} \qquad (8 \times 8) \\ 63 \\ \underline{- 56} \qquad (7 \times 8) \\ 77 \\ \underline{- 72} \qquad (9 \times 8) \\ 56 \\ \underline{- 56} \qquad (7 \times 8) \\ \text{Remainder -->} \quad 0 \end{array} $
<p>(4)</p> $ \begin{array}{r} 1878266 \text{ R2} \\ 5 \overline{) 9391332} \\ \underline{- 5} \qquad (1 \times 5) \\ 43 \\ \underline{- 40} \qquad (8 \times 5) \\ 39 \\ \underline{- 35} \qquad (7 \times 5) \\ 41 \\ \underline{- 40} \qquad (8 \times 5) \\ 13 \\ \underline{- 10} \qquad (2 \times 5) \\ 33 \\ \underline{- 30} \qquad (6 \times 5) \\ 32 \\ \underline{- 30} \qquad (6 \times 5) \\ \text{Remainder -->} \quad 2 \end{array} $	<p>(5)</p> $ \begin{array}{r} 840608 \text{ R2} \\ 3 \overline{) 2521826} \\ \underline{- 24} \qquad (8 \times 3) \\ 12 \\ \underline{- 12} \qquad (4 \times 3) \\ 01 \\ \underline{- 0} \qquad (0 \times 3) \\ 18 \\ \underline{- 18} \qquad (6 \times 3) \\ 02 \\ \underline{- 0} \qquad (0 \times 3) \\ 26 \\ \underline{- 24} \qquad (8 \times 3) \\ \text{Remainder -->} \quad 2 \end{array} $	<p>(6)</p> $ \begin{array}{r} 591580 \text{ R0} \\ 6 \overline{) 3549480} \\ \underline{- 30} \qquad (5 \times 6) \\ 54 \\ \underline{- 54} \qquad (9 \times 6) \\ 09 \\ \underline{- 6} \qquad (1 \times 6) \\ 34 \\ \underline{- 30} \qquad (5 \times 6) \\ 48 \\ \underline{- 48} \qquad (8 \times 6) \\ 00 \\ \underline{- 0} \qquad (0 \times 6) \\ \text{Remainder -->} \quad 0 \end{array} $