

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

(1)

$$64 \overline{) 118061285}$$

(2)

$$33 \overline{) 140293432}$$

(3)

$$10 \overline{) 930132267}$$

(4)

$$16 \overline{) 959897867}$$

(5)

$$68 \overline{) 862896853}$$

(6)

$$24 \overline{) 993647186}$$

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} 1844707 \text{ R}37 \\ 64 \overline{) 118061285} \\ \underline{- 64} \quad (1 \times 64) \\ 540 \\ \underline{- 512} \quad (8 \times 64) \\ 286 \\ \underline{- 256} \quad (4 \times 64) \\ 301 \\ \underline{- 256} \quad (4 \times 64) \\ 452 \\ \underline{- 448} \quad (7 \times 64) \\ 48 \\ \underline{- 0} \quad (0 \times 64) \\ 485 \\ \underline{- 448} \quad (7 \times 64) \\ \text{Remainder -->} \quad 37 \end{array} $	<p>(2)</p> $ \begin{array}{r} 4251316 \text{ R}4 \\ 33 \overline{) 140293432} \\ \underline{- 132} \quad (4 \times 33) \\ 82 \\ \underline{- 66} \quad (2 \times 33) \\ 169 \\ \underline{- 165} \quad (5 \times 33) \\ 43 \\ \underline{- 33} \quad (1 \times 33) \\ 104 \\ \underline{- 99} \quad (3 \times 33) \\ 53 \\ \underline{- 33} \quad (1 \times 33) \\ 202 \\ \underline{- 198} \quad (6 \times 33) \\ \text{Remainder -->} \quad 4 \end{array} $	<p>(3)</p> $ \begin{array}{r} 93013226 \text{ R}7 \\ 10 \overline{) 930132267} \\ \underline{- 90} \quad (9 \times 10) \\ 30 \\ \underline{- 30} \quad (3 \times 10) \\ 01 \\ \underline{- 0} \quad (0 \times 10) \\ 13 \\ \underline{- 10} \quad (1 \times 10) \\ 32 \\ \underline{- 30} \quad (3 \times 10) \\ 22 \\ \underline{- 20} \quad (2 \times 10) \\ 26 \\ \underline{- 20} \quad (2 \times 10) \\ 67 \\ \underline{- 60} \quad (6 \times 10) \\ \text{Remainder -->} \quad 7 \end{array} $
<p>(4)</p> $ \begin{array}{r} 59993616 \text{ R}11 \\ 16 \overline{) 959897867} \\ \underline{- 80} \quad (5 \times 16) \\ 159 \\ \underline{- 144} \quad (9 \times 16) \\ 158 \\ \underline{- 144} \quad (9 \times 16) \\ 149 \\ \underline{- 144} \quad (9 \times 16) \\ 57 \\ \underline{- 48} \quad (3 \times 16) \\ 98 \\ \underline{- 96} \quad (6 \times 16) \\ 26 \\ \underline{- 16} \quad (1 \times 16) \\ 107 \\ \underline{- 96} \quad (6 \times 16) \\ \text{Remainder -->} \quad 11 \end{array} $	<p>(5)</p> $ \begin{array}{r} 12689659 \text{ R}41 \\ 68 \overline{) 862896853} \\ \underline{- 68} \quad (1 \times 68) \\ 182 \\ \underline{- 136} \quad (2 \times 68) \\ 468 \\ \underline{- 408} \quad (6 \times 68) \\ 609 \\ \underline{- 544} \quad (8 \times 68) \\ 656 \\ \underline{- 612} \quad (9 \times 68) \\ 448 \\ \underline{- 408} \quad (6 \times 68) \\ 405 \\ \underline{- 340} \quad (5 \times 68) \\ 653 \\ \underline{- 612} \quad (9 \times 68) \\ \text{Remainder -->} \quad 41 \end{array} $	<p>(6)</p> $ \begin{array}{r} 41401966 \text{ R}2 \\ 24 \overline{) 993647186} \\ \underline{- 96} \quad (4 \times 24) \\ 33 \\ \underline{- 24} \quad (1 \times 24) \\ 96 \\ \underline{- 96} \quad (4 \times 24) \\ 04 \\ \underline{- 0} \quad (0 \times 24) \\ 47 \\ \underline{- 24} \quad (1 \times 24) \\ 231 \\ \underline{- 216} \quad (9 \times 24) \\ 158 \\ \underline{- 144} \quad (6 \times 24) \\ 146 \\ \underline{- 144} \quad (6 \times 24) \\ \text{Remainder -->} \quad 2 \end{array} $