

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

(1)

$$64 \overline{) 9747877}$$

(2)

$$43 \overline{) 8661633}$$

(3)

$$11 \overline{) 5126205}$$

(4)

$$14 \overline{) 4066416}$$

(5)

$$95 \overline{) 4279250}$$

(6)

$$26 \overline{) 1835966}$$

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} 152310 \text{ R}37 \\ 64 \overline{) 9747877} \\ \underline{- 64} \qquad (1 \times 64) \\ 334 \\ \underline{- 320} \qquad (5 \times 64) \\ 147 \\ \underline{- 128} \qquad (2 \times 64) \\ 198 \\ \underline{- 192} \qquad (3 \times 64) \\ 67 \\ \underline{- 64} \qquad (1 \times 64) \\ 37 \\ \underline{- 0} \qquad (0 \times 64) \\ \text{Remainder -->} \quad 37 \end{array} $	<p>(2)</p> $ \begin{array}{r} 201433 \text{ R}14 \\ 43 \overline{) 8661633} \\ \underline{- 86} \qquad (2 \times 43) \\ 06 \\ \underline{- 0} \qquad (0 \times 43) \\ 61 \\ \underline{- 43} \qquad (1 \times 43) \\ 186 \\ \underline{- 172} \qquad (4 \times 43) \\ 143 \\ \underline{- 129} \qquad (3 \times 43) \\ 143 \\ \underline{- 129} \qquad (3 \times 43) \\ \text{Remainder -->} \quad 14 \end{array} $	<p>(3)</p> $ \begin{array}{r} 466018 \text{ R}7 \\ 11 \overline{) 5126205} \\ \underline{- 44} \qquad (4 \times 11) \\ 72 \\ \underline{- 66} \qquad (6 \times 11) \\ 66 \\ \underline{- 66} \qquad (6 \times 11) \\ 02 \\ \underline{- 0} \qquad (0 \times 11) \\ 20 \\ \underline{- 11} \qquad (1 \times 11) \\ 95 \\ \underline{- 88} \qquad (8 \times 11) \\ \text{Remainder -->} \quad 7 \end{array} $
<p>(4)</p> $ \begin{array}{r} 290458 \text{ R}4 \\ 14 \overline{) 4066416} \\ \underline{- 28} \qquad (2 \times 14) \\ 126 \\ \underline{- 126} \qquad (9 \times 14) \\ 06 \\ \underline{- 0} \qquad (0 \times 14) \\ 64 \\ \underline{- 56} \qquad (4 \times 14) \\ 81 \\ \underline{- 70} \qquad (5 \times 14) \\ 116 \\ \underline{- 112} \qquad (8 \times 14) \\ \text{Remainder -->} \quad 4 \end{array} $	<p>(5)</p> $ \begin{array}{r} 45044 \text{ R}70 \\ 95 \overline{) 4279250} \\ \underline{- 380} \qquad (4 \times 95) \\ 479 \\ \underline{- 475} \qquad (5 \times 95) \\ 42 \\ \underline{- 0} \qquad (0 \times 95) \\ 425 \\ \underline{- 380} \qquad (4 \times 95) \\ 450 \\ \underline{- 380} \qquad (4 \times 95) \\ \text{Remainder -->} \quad 70 \end{array} $	<p>(6)</p> $ \begin{array}{r} 70614 \text{ R}2 \\ 26 \overline{) 1835966} \\ \underline{- 182} \qquad (7 \times 26) \\ 15 \\ \underline{- 0} \qquad (0 \times 26) \\ 159 \\ \underline{- 156} \qquad (6 \times 26) \\ 36 \\ \underline{- 26} \qquad (1 \times 26) \\ 106 \\ \underline{- 104} \qquad (4 \times 26) \\ \text{Remainder -->} \quad 2 \end{array} $