

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

(1)

$$41 \overline{) 9479934}$$

(2)

$$87 \overline{) 3687140}$$

(3)

$$49 \overline{) 7971662}$$

(4)

$$24 \overline{) 2860409}$$

(5)

$$97 \overline{) 4548969}$$

(6)

$$46 \overline{) 2653791}$$

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} 231217 \text{ R}37 \\ 41 \overline{) 9479934} \\ \underline{- 82} \qquad (2 \times 41) \\ 127 \\ \underline{- 123} \qquad (3 \times 41) \\ 49 \\ \underline{- 41} \qquad (1 \times 41) \\ 89 \\ \underline{- 82} \qquad (2 \times 41) \\ 73 \\ \underline{- 41} \qquad (1 \times 41) \\ 324 \\ \underline{- 287} \qquad (7 \times 41) \\ \text{Remainder -->} \quad 37 \end{array} $	<p>(2)</p> $ \begin{array}{r} 42380 \text{ R}80 \\ 87 \overline{) 3687140} \\ \underline{- 348} \qquad (4 \times 87) \\ 207 \\ \underline{- 174} \qquad (2 \times 87) \\ 331 \\ \underline{- 261} \qquad (3 \times 87) \\ 704 \\ \underline{- 696} \qquad (8 \times 87) \\ 80 \\ \underline{- 0} \qquad (0 \times 87) \\ \text{Remainder -->} \quad 80 \end{array} $	<p>(3)</p> $ \begin{array}{r} 162686 \text{ R}48 \\ 49 \overline{) 7971662} \\ \underline{- 49} \qquad (1 \times 49) \\ 307 \\ \underline{- 294} \qquad (6 \times 49) \\ 131 \\ \underline{- 98} \qquad (2 \times 49) \\ 336 \\ \underline{- 294} \qquad (6 \times 49) \\ 426 \\ \underline{- 392} \qquad (8 \times 49) \\ 342 \\ \underline{- 294} \qquad (6 \times 49) \\ \text{Remainder -->} \quad 48 \end{array} $
<p>(4)</p> $ \begin{array}{r} 119183 \text{ R}17 \\ 24 \overline{) 2860409} \\ \underline{- 24} \qquad (1 \times 24) \\ 46 \\ \underline{- 24} \qquad (1 \times 24) \\ 220 \\ \underline{- 216} \qquad (9 \times 24) \\ 44 \\ \underline{- 24} \qquad (1 \times 24) \\ 200 \\ \underline{- 192} \qquad (8 \times 24) \\ 89 \\ \underline{- 72} \qquad (3 \times 24) \\ \text{Remainder -->} \quad 17 \end{array} $	<p>(5)</p> $ \begin{array}{r} 46896 \text{ R}57 \\ 97 \overline{) 4548969} \\ \underline{- 388} \qquad (4 \times 97) \\ 668 \\ \underline{- 582} \qquad (6 \times 97) \\ 869 \\ \underline{- 776} \qquad (8 \times 97) \\ 936 \\ \underline{- 873} \qquad (9 \times 97) \\ 639 \\ \underline{- 582} \qquad (6 \times 97) \\ \text{Remainder -->} \quad 57 \end{array} $	<p>(6)</p> $ \begin{array}{r} 57691 \text{ R}5 \\ 46 \overline{) 2653791} \\ \underline{- 230} \qquad (5 \times 46) \\ 353 \\ \underline{- 322} \qquad (7 \times 46) \\ 317 \\ \underline{- 276} \qquad (6 \times 46) \\ 419 \\ \underline{- 414} \qquad (9 \times 46) \\ 51 \\ \underline{- 46} \qquad (1 \times 46) \\ \text{Remainder -->} \quad 5 \end{array} $