

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

(1)

$$62 \overline{) 94200}$$

(2)

$$12 \overline{) 48824}$$

(3)

$$20 \overline{) 29903}$$

(4)

$$79 \overline{) 13626}$$

(5)

$$64 \overline{) 82583}$$

(6)

$$36 \overline{) 91605}$$

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} 1519 \text{ R}22 \\ 62 \overline{) 94200} \\ \underline{- 62} \qquad (1 \times 62) \\ 322 \\ \underline{- 310} \qquad (5 \times 62) \\ 120 \\ \underline{- 62} \qquad (1 \times 62) \\ 580 \\ \underline{- 558} \qquad (9 \times 62) \\ \text{Remainder --> } 22 \end{array} $	<p>(2)</p> $ \begin{array}{r} 4068 \text{ R}8 \\ 12 \overline{) 48824} \\ \underline{- 48} \qquad (4 \times 12) \\ 08 \\ \underline{- 0} \qquad (0 \times 12) \\ 82 \\ \underline{- 72} \qquad (6 \times 12) \\ 104 \\ \underline{- 96} \qquad (8 \times 12) \\ \text{Remainder --> } 8 \end{array} $	<p>(3)</p> $ \begin{array}{r} 1495 \text{ R}3 \\ 20 \overline{) 29903} \\ \underline{- 20} \qquad (1 \times 20) \\ 99 \\ \underline{- 80} \qquad (4 \times 20) \\ 190 \\ \underline{- 180} \qquad (9 \times 20) \\ 103 \\ \underline{- 100} \qquad (5 \times 20) \\ \text{Remainder --> } 3 \end{array} $
<p>(4)</p> $ \begin{array}{r} 172 \text{ R}38 \\ 79 \overline{) 13626} \\ \underline{- 79} \qquad (1 \times 79) \\ 572 \\ \underline{- 553} \qquad (7 \times 79) \\ 196 \\ \underline{- 158} \qquad (2 \times 79) \\ \text{Remainder --> } 38 \end{array} $	<p>(5)</p> $ \begin{array}{r} 1290 \text{ R}23 \\ 64 \overline{) 82583} \\ \underline{- 64} \qquad (1 \times 64) \\ 185 \\ \underline{- 128} \qquad (2 \times 64) \\ 578 \\ \underline{- 576} \qquad (9 \times 64) \\ 23 \\ \underline{- 0} \qquad (0 \times 64) \\ \text{Remainder --> } 23 \end{array} $	<p>(6)</p> $ \begin{array}{r} 2544 \text{ R}21 \\ 36 \overline{) 91605} \\ \underline{- 72} \qquad (2 \times 36) \\ 196 \\ \underline{- 180} \qquad (5 \times 36) \\ 160 \\ \underline{- 144} \qquad (4 \times 36) \\ 165 \\ \underline{- 144} \qquad (4 \times 36) \\ \text{Remainder --> } 21 \end{array} $