

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

(1)

$$924 \overline{) 100773}$$

(2)

$$312 \overline{) 799856}$$

(3)

$$722 \overline{) 886843}$$

(4)

$$616 \overline{) 415021}$$

(5)

$$270 \overline{) 208810}$$

(6)

$$250 \overline{) 650636}$$

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} 109 \text{ R}57 \\ 924 \overline{) 100773} \\ \underline{- 924} \quad (1 \times 924) \\ 837 \\ \underline{- 0} \quad (0 \times 924) \\ 8373 \\ \underline{- 8316} \quad (9 \times 924) \\ \text{Remainder --> } 57 \end{array} $	<p>(2)</p> $ \begin{array}{r} 2563 \text{ R}200 \\ 312 \overline{) 799856} \\ \underline{- 624} \quad (2 \times 312) \\ 1758 \\ \underline{- 1560} \quad (5 \times 312) \\ 1985 \\ \underline{- 1872} \quad (6 \times 312) \\ 1136 \\ \underline{- 936} \quad (3 \times 312) \\ \text{Remainder --> } 200 \end{array} $	<p>(3)</p> $ \begin{array}{r} 1228 \text{ R}227 \\ 722 \overline{) 886843} \\ \underline{- 722} \quad (1 \times 722) \\ 1648 \\ \underline{- 1444} \quad (2 \times 722) \\ 2044 \\ \underline{- 1444} \quad (2 \times 722) \\ 6003 \\ \underline{- 5776} \quad (8 \times 722) \\ \text{Remainder --> } 227 \end{array} $
<p>(4)</p> $ \begin{array}{r} 673 \text{ R}453 \\ 616 \overline{) 415021} \\ \underline{- 3696} \quad (6 \times 616) \\ 4542 \\ \underline{- 4312} \quad (7 \times 616) \\ 2301 \\ \underline{- 1848} \quad (3 \times 616) \\ \text{Remainder --> } 453 \end{array} $	<p>(5)</p> $ \begin{array}{r} 773 \text{ R}100 \\ 270 \overline{) 208810} \\ \underline{- 1890} \quad (7 \times 270) \\ 1981 \\ \underline{- 1890} \quad (7 \times 270) \\ 910 \\ \underline{- 810} \quad (3 \times 270) \\ \text{Remainder --> } 100 \end{array} $	<p>(6)</p> $ \begin{array}{r} 2602 \text{ R}136 \\ 250 \overline{) 650636} \\ \underline{- 500} \quad (2 \times 250) \\ 1506 \\ \underline{- 1500} \quad (6 \times 250) \\ 63 \\ \underline{- 0} \quad (0 \times 250) \\ 636 \\ \underline{- 500} \quad (2 \times 250) \\ \text{Remainder --> } 136 \end{array} $