

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

(1)

$$2 \overline{) 9476036}$$

(2)

$$5 \overline{) 3013713}$$

(3)

$$8 \overline{) 1021080}$$

(4)

$$3 \overline{) 4286685}$$

(5)

$$3 \overline{) 2620295}$$

(6)

$$6 \overline{) 8377517}$$

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} 4738018 \text{ R0} \\ 2 \overline{) 9476036} \\ \underline{- 8} \qquad (4 \times 2) \\ 14 \\ \underline{- 14} \qquad (7 \times 2) \\ 07 \\ \underline{- 6} \qquad (3 \times 2) \\ 16 \\ \underline{- 16} \qquad (8 \times 2) \\ 00 \\ \underline{- 0} \qquad (0 \times 2) \\ 03 \\ \underline{- 2} \qquad (1 \times 2) \\ 16 \\ \underline{- 16} \qquad (8 \times 2) \\ \text{Remainder --> } 0 \end{array} $	<p>(2)</p> $ \begin{array}{r} 602742 \text{ R3} \\ 5 \overline{) 3013713} \\ \underline{- 30} \qquad (6 \times 5) \\ 01 \\ \underline{- 0} \qquad (0 \times 5) \\ 13 \\ \underline{- 10} \qquad (2 \times 5) \\ 37 \\ \underline{- 35} \qquad (7 \times 5) \\ 21 \\ \underline{- 20} \qquad (4 \times 5) \\ 13 \\ \underline{- 10} \qquad (2 \times 5) \\ \text{Remainder --> } 3 \end{array} $	<p>(3)</p> $ \begin{array}{r} 127635 \text{ R0} \\ 8 \overline{) 1021080} \\ \underline{- 8} \qquad (1 \times 8) \\ 22 \\ \underline{- 16} \qquad (2 \times 8) \\ 61 \\ \underline{- 56} \qquad (7 \times 8) \\ 50 \\ \underline{- 48} \qquad (6 \times 8) \\ 28 \\ \underline{- 24} \qquad (3 \times 8) \\ 40 \\ \underline{- 40} \qquad (5 \times 8) \\ \text{Remainder --> } 0 \end{array} $
<p>(4)</p> $ \begin{array}{r} 1428895 \text{ R0} \\ 3 \overline{) 4286685} \\ \underline{- 3} \qquad (1 \times 3) \\ 12 \\ \underline{- 12} \qquad (4 \times 3) \\ 08 \\ \underline{- 6} \qquad (2 \times 3) \\ 26 \\ \underline{- 24} \qquad (8 \times 3) \\ 26 \\ \underline{- 24} \qquad (8 \times 3) \\ 28 \\ \underline{- 27} \qquad (9 \times 3) \\ 15 \\ \underline{- 15} \qquad (5 \times 3) \\ \text{Remainder --> } 0 \end{array} $	<p>(5)</p> $ \begin{array}{r} 873431 \text{ R2} \\ 3 \overline{) 2620295} \\ \underline{- 24} \qquad (8 \times 3) \\ 22 \\ \underline{- 21} \qquad (7 \times 3) \\ 10 \\ \underline{- 9} \qquad (3 \times 3) \\ 12 \\ \underline{- 12} \qquad (4 \times 3) \\ 09 \\ \underline{- 9} \qquad (3 \times 3) \\ 05 \\ \underline{- 3} \qquad (1 \times 3) \\ \text{Remainder --> } 2 \end{array} $	<p>(6)</p> $ \begin{array}{r} 1396252 \text{ R5} \\ 6 \overline{) 8377517} \\ \underline{- 6} \qquad (1 \times 6) \\ 23 \\ \underline{- 18} \qquad (3 \times 6) \\ 57 \\ \underline{- 54} \qquad (9 \times 6) \\ 37 \\ \underline{- 36} \qquad (6 \times 6) \\ 15 \\ \underline{- 12} \qquad (2 \times 6) \\ 31 \\ \underline{- 30} \qquad (5 \times 6) \\ 17 \\ \underline{- 12} \qquad (2 \times 6) \\ \text{Remainder --> } 5 \end{array} $