

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

(1)

$$3 \overline{)1344918}$$

(2)

$$9 \overline{)6671781}$$

(3)

$$3 \overline{)1794635}$$

(4)

$$6 \overline{)2515281}$$

(5)

$$8 \overline{)6082206}$$

(6)

$$3 \overline{)3208693}$$

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} 448306 \text{ R0} \\ 3 \overline{) 1344918} \\ \underline{- 12} \qquad (4 \times 3) \\ 14 \\ \underline{- 12} \qquad (4 \times 3) \\ 24 \\ \underline{- 24} \qquad (8 \times 3) \\ 09 \\ \underline{- 9} \qquad (3 \times 3) \\ 01 \\ \underline{- 0} \qquad (0 \times 3) \\ 18 \\ \underline{- 18} \qquad (6 \times 3) \\ \text{Remainder --> } 0 \end{array} $	<p>(2)</p> $ \begin{array}{r} 741309 \text{ R0} \\ 9 \overline{) 6671781} \\ \underline{- 63} \qquad (7 \times 9) \\ 37 \\ \underline{- 36} \qquad (4 \times 9) \\ 11 \\ \underline{- 9} \qquad (1 \times 9) \\ 27 \\ \underline{- 27} \qquad (3 \times 9) \\ 08 \\ \underline{- 0} \qquad (0 \times 9) \\ 81 \\ \underline{- 81} \qquad (9 \times 9) \\ \text{Remainder --> } 0 \end{array} $	<p>(3)</p> $ \begin{array}{r} 598211 \text{ R2} \\ 3 \overline{) 1794635} \\ \underline{- 15} \qquad (5 \times 3) \\ 29 \\ \underline{- 27} \qquad (9 \times 3) \\ 24 \\ \underline{- 24} \qquad (8 \times 3) \\ 06 \\ \underline{- 6} \qquad (2 \times 3) \\ 03 \\ \underline{- 3} \qquad (1 \times 3) \\ 05 \\ \underline{- 3} \qquad (1 \times 3) \\ \text{Remainder --> } 2 \end{array} $
<p>(4)</p> $ \begin{array}{r} 419213 \text{ R3} \\ 6 \overline{) 2515281} \\ \underline{- 24} \qquad (4 \times 6) \\ 11 \\ \underline{- 6} \qquad (1 \times 6) \\ 55 \\ \underline{- 54} \qquad (9 \times 6) \\ 12 \\ \underline{- 12} \qquad (2 \times 6) \\ 08 \\ \underline{- 6} \qquad (1 \times 6) \\ 21 \\ \underline{- 18} \qquad (3 \times 6) \\ \text{Remainder --> } 3 \end{array} $	<p>(5)</p> $ \begin{array}{r} 760275 \text{ R6} \\ 8 \overline{) 6082206} \\ \underline{- 56} \qquad (7 \times 8) \\ 48 \\ \underline{- 48} \qquad (6 \times 8) \\ 02 \\ \underline{- 0} \qquad (0 \times 8) \\ 22 \\ \underline{- 16} \qquad (2 \times 8) \\ 60 \\ \underline{- 56} \qquad (7 \times 8) \\ 46 \\ \underline{- 40} \qquad (5 \times 8) \\ \text{Remainder --> } 6 \end{array} $	<p>(6)</p> $ \begin{array}{r} 1069564 \text{ R1} \\ 3 \overline{) 3208693} \\ \underline{- 3} \qquad (1 \times 3) \\ 02 \\ \underline{- 0} \qquad (0 \times 3) \\ 20 \\ \underline{- 18} \qquad (6 \times 3) \\ 28 \\ \underline{- 27} \qquad (9 \times 3) \\ 16 \\ \underline{- 15} \qquad (5 \times 3) \\ 19 \\ \underline{- 18} \qquad (6 \times 3) \\ 13 \\ \underline{- 12} \qquad (4 \times 3) \\ \text{Remainder --> } 1 \end{array} $