

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

(1)

$$3 \overline{) 2169140}$$

(2)

$$8 \overline{) 6027225}$$

(3)

$$6 \overline{) 9591705}$$

(4)

$$5 \overline{) 4740641}$$

(5)

$$6 \overline{) 2287517}$$

(6)

$$4 \overline{) 4813326}$$

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} 723046 \text{ R2} \\ 3 \overline{) 2169140} \\ \underline{- 21} \qquad (7 \times 3) \\ 06 \\ \underline{- 6} \qquad (2 \times 3) \\ 09 \\ \underline{- 9} \qquad (3 \times 3) \\ 01 \\ \underline{- 0} \qquad (0 \times 3) \\ 14 \\ \underline{- 12} \qquad (4 \times 3) \\ 20 \\ \underline{- 18} \qquad (6 \times 3) \\ \text{Remainder --> } 2 \end{array} $	<p>(2)</p> $ \begin{array}{r} 753403 \text{ R1} \\ 8 \overline{) 6027225} \\ \underline{- 56} \qquad (7 \times 8) \\ 42 \\ \underline{- 40} \qquad (5 \times 8) \\ 27 \\ \underline{- 24} \qquad (3 \times 8) \\ 32 \\ \underline{- 32} \qquad (4 \times 8) \\ 02 \\ \underline{- 0} \qquad (0 \times 8) \\ 25 \\ \underline{- 24} \qquad (3 \times 8) \\ \text{Remainder --> } 1 \end{array} $	<p>(3)</p> $ \begin{array}{r} 1598617 \text{ R3} \\ 6 \overline{) 9591705} \\ \underline{- 6} \qquad (1 \times 6) \\ 35 \\ \underline{- 30} \qquad (5 \times 6) \\ 59 \\ \underline{- 54} \qquad (9 \times 6) \\ 51 \\ \underline{- 48} \qquad (8 \times 6) \\ 37 \\ \underline{- 36} \qquad (6 \times 6) \\ 10 \\ \underline{- 6} \qquad (1 \times 6) \\ 45 \\ \underline{- 42} \qquad (7 \times 6) \\ \text{Remainder --> } 3 \end{array} $
<p>(4)</p> $ \begin{array}{r} 948128 \text{ R1} \\ 5 \overline{) 4740641} \\ \underline{- 45} \qquad (9 \times 5) \\ 24 \\ \underline{- 20} \qquad (4 \times 5) \\ 40 \\ \underline{- 40} \qquad (8 \times 5) \\ 06 \\ \underline{- 5} \qquad (1 \times 5) \\ 14 \\ \underline{- 10} \qquad (2 \times 5) \\ 41 \\ \underline{- 40} \qquad (8 \times 5) \\ \text{Remainder --> } 1 \end{array} $	<p>(5)</p> $ \begin{array}{r} 381252 \text{ R5} \\ 6 \overline{) 2287517} \\ \underline{- 18} \qquad (3 \times 6) \\ 48 \\ \underline{- 48} \qquad (8 \times 6) \\ 07 \\ \underline{- 6} \qquad (1 \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} $	<p>(6)</p> $ \begin{array}{r} 1203331 \text{ R2} \\ 4 \overline{) 4813326} \\ \underline{- 4} \qquad (1 \times 4) \\ 08 \\ \underline{- 8} \qquad (2 \times 4) \\ 01 \\ \underline{- 0} \qquad (0 \times 4) \\ 13 \\ \underline{- 12} \qquad (3 \times 4) \\ 13 \\ \underline{- 12} \qquad (3 \times 4) \\ 12 \\ \underline{- 12} \qquad (3 \times 4) \\ 06 \\ \underline{- 4} \qquad (1 \times 4) \\ \text{Remainder --> } 2 \end{array} $