

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

(1)

$$2 \overline{) 5793955}$$

(2)

$$5 \overline{) 1984828}$$

(3)

$$4 \overline{) 5696503}$$

(4)

$$3 \overline{) 4364349}$$

(5)

$$9 \overline{) 7972773}$$

(6)

$$2 \overline{) 5486412}$$

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} 2896977 \text{ R1} \\ 2 \overline{) 5793955} \\ \underline{- 4} \qquad (2 \times 2) \\ 17 \\ \underline{- 16} \qquad (8 \times 2) \\ 19 \\ \underline{- 18} \qquad (9 \times 2) \\ 13 \\ \underline{- 12} \qquad (6 \times 2) \\ 19 \\ \underline{- 18} \qquad (9 \times 2) \\ 15 \\ \underline{- 14} \qquad (7 \times 2) \\ 15 \\ \underline{- 14} \qquad (7 \times 2) \\ \text{Remainder --> } 1 \end{array} $	<p>(2)</p> $ \begin{array}{r} 396965 \text{ R3} \\ 5 \overline{) 1984828} \\ \underline{- 15} \qquad (3 \times 5) \\ 48 \\ \underline{- 45} \qquad (9 \times 5) \\ 34 \\ \underline{- 30} \qquad (6 \times 5) \\ 48 \\ \underline{- 45} \qquad (9 \times 5) \\ 32 \\ \underline{- 30} \qquad (6 \times 5) \\ 28 \\ \underline{- 25} \qquad (5 \times 5) \\ \text{Remainder --> } 3 \end{array} $	<p>(3)</p> $ \begin{array}{r} 1424125 \text{ R3} \\ 4 \overline{) 5696503} \\ \underline{- 4} \qquad (1 \times 4) \\ 16 \\ \underline{- 16} \qquad (4 \times 4) \\ 09 \\ \underline{- 8} \qquad (2 \times 4) \\ 16 \\ \underline{- 16} \qquad (4 \times 4) \\ 05 \\ \underline{- 4} \qquad (1 \times 4) \\ 10 \\ \underline{- 8} \qquad (2 \times 4) \\ 23 \\ \underline{- 20} \qquad (5 \times 4) \\ \text{Remainder --> } 3 \end{array} $
<p>(4)</p> $ \begin{array}{r} 1454783 \text{ R0} \\ 3 \overline{) 4364349} \\ \underline{- 3} \qquad (1 \times 3) \\ 13 \\ \underline{- 12} \qquad (4 \times 3) \\ 16 \\ \underline{- 15} \qquad (5 \times 3) \\ 14 \\ \underline{- 12} \qquad (4 \times 3) \\ 23 \\ \underline{- 21} \qquad (7 \times 3) \\ 24 \\ \underline{- 24} \qquad (8 \times 3) \\ 09 \\ \underline{- 9} \qquad (3 \times 3) \\ \text{Remainder --> } 0 \end{array} $	<p>(5)</p> $ \begin{array}{r} 885863 \text{ R6} \\ 9 \overline{) 7972773} \\ \underline{- 72} \qquad (8 \times 9) \\ 77 \\ \underline{- 72} \qquad (8 \times 9) \\ 52 \\ \underline{- 45} \qquad (5 \times 9) \\ 77 \\ \underline{- 72} \qquad (8 \times 9) \\ 57 \\ \underline{- 54} \qquad (6 \times 9) \\ 33 \\ \underline{- 27} \qquad (3 \times 9) \\ \text{Remainder --> } 6 \end{array} $	<p>(6)</p> $ \begin{array}{r} 2743206 \text{ R0} \\ 2 \overline{) 5486412} \\ \underline{- 4} \qquad (2 \times 2) \\ 14 \\ \underline{- 14} \qquad (7 \times 2) \\ 08 \\ \underline{- 8} \qquad (4 \times 2) \\ 06 \\ \underline{- 6} \qquad (3 \times 2) \\ 04 \\ \underline{- 4} \qquad (2 \times 2) \\ 01 \\ \underline{- 0} \qquad (0 \times 2) \\ 12 \\ \underline{- 12} \qquad (6 \times 2) \\ \text{Remainder --> } 0 \end{array} $