

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

(1)

$$7 \overline{) 2697870}$$

(2)

$$7 \overline{) 5287053}$$

(3)

$$4 \overline{) 9917198}$$

(4)

$$6 \overline{) 6602545}$$

(5)

$$2 \overline{) 8233988}$$

(6)

$$2 \overline{) 8915959}$$

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} 385410 \text{ R0} \\ 7 \overline{) 2697870} \\ \underline{- 21} \qquad (3 \times 7) \\ 59 \\ \underline{- 56} \qquad (8 \times 7) \\ 37 \\ \underline{- 35} \qquad (5 \times 7) \\ 28 \\ \underline{- 28} \qquad (4 \times 7) \\ 07 \\ \underline{- 7} \qquad (1 \times 7) \\ 00 \\ \underline{- 0} \qquad (0 \times 7) \\ \text{Remainder --> } 0 \end{array} $	<p>(2)</p> $ \begin{array}{r} 755293 \text{ R2} \\ 7 \overline{) 5287053} \\ \underline{- 49} \qquad (7 \times 7) \\ 38 \\ \underline{- 35} \qquad (5 \times 7) \\ 37 \\ \underline{- 35} \qquad (5 \times 7) \\ 20 \\ \underline{- 14} \qquad (2 \times 7) \\ 65 \\ \underline{- 63} \qquad (9 \times 7) \\ 23 \\ \underline{- 21} \qquad (3 \times 7) \\ \text{Remainder --> } 2 \end{array} $	<p>(3)</p> $ \begin{array}{r} 2479299 \text{ R2} \\ 4 \overline{) 9917198} \\ \underline{- 8} \qquad (2 \times 4) \\ 19 \\ \underline{- 16} \qquad (4 \times 4) \\ 31 \\ \underline{- 28} \qquad (7 \times 4) \\ 37 \\ \underline{- 36} \qquad (9 \times 4) \\ 11 \\ \underline{- 8} \qquad (2 \times 4) \\ 39 \\ \underline{- 36} \qquad (9 \times 4) \\ 38 \\ \underline{- 36} \qquad (9 \times 4) \\ \text{Remainder --> } 2 \end{array} $
<p>(4)</p> $ \begin{array}{r} 1100424 \text{ R1} \\ 6 \overline{) 6602545} \\ \underline{- 6} \qquad (1 \times 6) \\ 06 \\ \underline{- 6} \qquad (1 \times 6) \\ 00 \\ \underline{- 0} \qquad (0 \times 6) \\ 02 \\ \underline{- 0} \qquad (0 \times 6) \\ 25 \\ \underline{- 24} \qquad (4 \times 6) \\ 14 \\ \underline{- 12} \qquad (2 \times 6) \\ 25 \\ \underline{- 24} \qquad (4 \times 6) \\ \text{Remainder --> } 1 \end{array} $	<p>(5)</p> $ \begin{array}{r} 4116994 \text{ R0} \\ 2 \overline{) 8233988} \\ \underline{- 8} \qquad (4 \times 2) \\ 02 \\ \underline{- 2} \qquad (1 \times 2) \\ 03 \\ \underline{- 2} \qquad (1 \times 2) \\ 13 \\ \underline{- 12} \qquad (6 \times 2) \\ 19 \\ \underline{- 18} \qquad (9 \times 2) \\ 18 \\ \underline{- 18} \qquad (9 \times 2) \\ 08 \\ \underline{- 8} \qquad (4 \times 2) \\ \text{Remainder --> } 0 \end{array} $	<p>(6)</p> $ \begin{array}{r} 4457979 \text{ R1} \\ 2 \overline{) 8915959} \\ \underline{- 8} \qquad (4 \times 2) \\ 09 \\ \underline{- 8} \qquad (4 \times 2) \\ 11 \\ \underline{- 10} \qquad (5 \times 2) \\ 15 \\ \underline{- 14} \qquad (7 \times 2) \\ 19 \\ \underline{- 18} \qquad (9 \times 2) \\ 15 \\ \underline{- 14} \qquad (7 \times 2) \\ 19 \\ \underline{- 18} \qquad (9 \times 2) \\ \text{Remainder --> } 1 \end{array} $