

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

(1)

$$7 \overline{)491155}$$

(2)

$$5 \overline{)738415}$$

(3)

$$2 \overline{)473166}$$

(4)

$$4 \overline{)778943}$$

(5)

$$3 \overline{)340525}$$

(6)

$$5 \overline{)756660}$$

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} 70165 \text{ R}0 \\ 7 \overline{) 491155} \\ \underline{- 49} \qquad (7 \times 7) \\ 01 \\ \underline{- 0} \qquad (0 \times 7) \\ 11 \\ \underline{- 7} \qquad (1 \times 7) \\ 45 \\ \underline{- 42} \qquad (6 \times 7) \\ 35 \\ \underline{- 35} \qquad (5 \times 7) \\ \text{Remainder --> } 0 \end{array} $	<p>(2)</p> $ \begin{array}{r} 147683 \text{ R}0 \\ 5 \overline{) 738415} \\ \underline{- 5} \qquad (1 \times 5) \\ 23 \\ \underline{- 20} \qquad (4 \times 5) \\ 38 \\ \underline{- 35} \qquad (7 \times 5) \\ 34 \\ \underline{- 30} \qquad (6 \times 5) \\ 41 \\ \underline{- 40} \qquad (8 \times 5) \\ 15 \\ \underline{- 15} \qquad (3 \times 5) \\ \text{Remainder --> } 0 \end{array} $	<p>(3)</p> $ \begin{array}{r} 236583 \text{ R}0 \\ 2 \overline{) 473166} \\ \underline{- 4} \qquad (2 \times 2) \\ 07 \\ \underline{- 6} \qquad (3 \times 2) \\ 13 \\ \underline{- 12} \qquad (6 \times 2) \\ 11 \\ \underline{- 10} \qquad (5 \times 2) \\ 16 \\ \underline{- 16} \qquad (8 \times 2) \\ 06 \\ \underline{- 6} \qquad (3 \times 2) \\ \text{Remainder --> } 0 \end{array} $
<p>(4)</p> $ \begin{array}{r} 194735 \text{ R}3 \\ 4 \overline{) 778943} \\ \underline{- 4} \qquad (1 \times 4) \\ 37 \\ \underline{- 36} \qquad (9 \times 4) \\ 18 \\ \underline{- 16} \qquad (4 \times 4) \\ 29 \\ \underline{- 28} \qquad (7 \times 4) \\ 14 \\ \underline{- 12} \qquad (3 \times 4) \\ 23 \\ \underline{- 20} \qquad (5 \times 4) \\ \text{Remainder --> } 3 \end{array} $	<p>(5)</p> $ \begin{array}{r} 113508 \text{ R}1 \\ 3 \overline{) 340525} \\ \underline{- 3} \qquad (1 \times 3) \\ 04 \\ \underline{- 3} \qquad (1 \times 3) \\ 10 \\ \underline{- 9} \qquad (3 \times 3) \\ 15 \\ \underline{- 15} \qquad (5 \times 3) \\ 02 \\ \underline{- 0} \qquad (0 \times 3) \\ 25 \\ \underline{- 24} \qquad (8 \times 3) \\ \text{Remainder --> } 1 \end{array} $	<p>(6)</p> $ \begin{array}{r} 151332 \text{ R}0 \\ 5 \overline{) 756660} \\ \underline{- 5} \qquad (1 \times 5) \\ 25 \\ \underline{- 25} \qquad (5 \times 5) \\ 06 \\ \underline{- 5} \qquad (1 \times 5) \\ 16 \\ \underline{- 15} \qquad (3 \times 5) \\ 16 \\ \underline{- 15} \qquad (3 \times 5) \\ 10 \\ \underline{- 10} \qquad (2 \times 5) \\ \text{Remainder --> } 0 \end{array} $