

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

(1)

$$6 \overline{)197719}$$

(2)

$$9 \overline{)564541}$$

(3)

$$9 \overline{)927088}$$

(4)

$$7 \overline{)704850}$$

(5)

$$5 \overline{)579137}$$

(6)

$$4 \overline{)362877}$$

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} 32953 \text{ R1} \\ 6 \overline{) 197719} \\ \underline{- 18} \qquad (3 \times 6) \\ 17 \\ \underline{- 12} \qquad (2 \times 6) \\ 57 \\ \underline{- 54} \qquad (9 \times 6) \\ 31 \\ \underline{- 30} \qquad (5 \times 6) \\ 19 \\ \underline{- 18} \qquad (3 \times 6) \\ \text{Remainder --> } 1 \end{array} $	<p>(2)</p> $ \begin{array}{r} 62726 \text{ R7} \\ 9 \overline{) 564541} \\ \underline{- 54} \qquad (6 \times 9) \\ 24 \\ \underline{- 18} \qquad (2 \times 9) \\ 65 \\ \underline{- 63} \qquad (7 \times 9) \\ 24 \\ \underline{- 18} \qquad (2 \times 9) \\ 61 \\ \underline{- 54} \qquad (6 \times 9) \\ \text{Remainder --> } 7 \end{array} $	<p>(3)</p> $ \begin{array}{r} 103009 \text{ R7} \\ 9 \overline{) 927088} \\ \underline{- 9} \qquad (1 \times 9) \\ 02 \\ \underline{- 0} \qquad (0 \times 9) \\ 27 \\ \underline{- 27} \qquad (3 \times 9) \\ 00 \\ \underline{- 0} \qquad (0 \times 9) \\ 08 \\ \underline{- 0} \qquad (0 \times 9) \\ 88 \\ \underline{- 81} \qquad (9 \times 9) \\ \text{Remainder --> } 7 \end{array} $
<p>(4)</p> $ \begin{array}{r} 100692 \text{ R6} \\ 7 \overline{) 704850} \\ \underline{- 7} \qquad (1 \times 7) \\ 00 \\ \underline{- 0} \qquad (0 \times 7) \\ 04 \\ \underline{- 0} \qquad (0 \times 7) \\ 48 \\ \underline{- 42} \qquad (6 \times 7) \\ 65 \\ \underline{- 63} \qquad (9 \times 7) \\ 20 \\ \underline{- 14} \qquad (2 \times 7) \\ \text{Remainder --> } 6 \end{array} $	<p>(5)</p> $ \begin{array}{r} 115827 \text{ R2} \\ 5 \overline{) 579137} \\ \underline{- 5} \qquad (1 \times 5) \\ 07 \\ \underline{- 5} \qquad (1 \times 5) \\ 29 \\ \underline{- 25} \qquad (5 \times 5) \\ 41 \\ \underline{- 40} \qquad (8 \times 5) \\ 13 \\ \underline{- 10} \qquad (2 \times 5) \\ 37 \\ \underline{- 35} \qquad (7 \times 5) \\ \text{Remainder --> } 2 \end{array} $	<p>(6)</p> $ \begin{array}{r} 90719 \text{ R1} \\ 4 \overline{) 362877} \\ \underline{- 36} \qquad (9 \times 4) \\ 02 \\ \underline{- 0} \qquad (0 \times 4) \\ 28 \\ \underline{- 28} \qquad (7 \times 4) \\ 07 \\ \underline{- 4} \qquad (1 \times 4) \\ 37 \\ \underline{- 36} \qquad (9 \times 4) \\ \text{Remainder --> } 1 \end{array} $