

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

(1)

$$6 \overline{) 61893323}$$

(2)

$$7 \overline{) 98609979}$$

(3)

$$5 \overline{) 28426322}$$

(4)

$$9 \overline{) 89057467}$$

(5)

$$8 \overline{) 40181964}$$

(6)

$$9 \overline{) 26630713}$$

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} 10315553 \text{ R5} \\ 6 \overline{) 61893323} \\ \underline{- 6} \qquad (1 \times 6) \\ 01 \\ \underline{- 0} \qquad (0 \times 6) \\ 18 \\ \underline{- 18} \qquad (3 \times 6) \\ 09 \\ \underline{- 6} \qquad (1 \times 6) \\ 33 \\ \underline{- 30} \qquad (5 \times 6) \\ 33 \\ \underline{- 30} \qquad (5 \times 6) \\ 32 \\ \underline{- 30} \qquad (5 \times 6) \\ 23 \\ \underline{- 18} \qquad (3 \times 6) \\ \text{Remainder -->} \quad 5 \end{array} $	<p>(2)</p> $ \begin{array}{r} 14087139 \text{ R6} \\ 7 \overline{) 98609979} \\ \underline{- 7} \qquad (1 \times 7) \\ 28 \\ \underline{- 28} \qquad (4 \times 7) \\ 06 \\ \underline{- 0} \qquad (0 \times 7) \\ 60 \\ \underline{- 56} \qquad (8 \times 7) \\ 49 \\ \underline{- 49} \qquad (7 \times 7) \\ 09 \\ \underline{- 7} \qquad (1 \times 7) \\ 27 \\ \underline{- 21} \qquad (3 \times 7) \\ 69 \\ \underline{- 63} \qquad (9 \times 7) \\ \text{Remainder -->} \quad 6 \end{array} $	<p>(3)</p> $ \begin{array}{r} 5685264 \text{ R2} \\ 5 \overline{) 28426322} \\ \underline{- 25} \qquad (5 \times 5) \\ 34 \\ \underline{- 30} \qquad (6 \times 5) \\ 42 \\ \underline{- 40} \qquad (8 \times 5) \\ 26 \\ \underline{- 25} \qquad (5 \times 5) \\ 13 \\ \underline{- 10} \qquad (2 \times 5) \\ 32 \\ \underline{- 30} \qquad (6 \times 5) \\ 22 \\ \underline{- 20} \qquad (4 \times 5) \\ \text{Remainder -->} \quad 2 \end{array} $
<p>(4)</p> $ \begin{array}{r} 9895274 \text{ R1} \\ 9 \overline{) 89057467} \\ \underline{- 81} \qquad (9 \times 9) \\ 80 \\ \underline{- 72} \qquad (8 \times 9) \\ 85 \\ \underline{- 81} \qquad (9 \times 9) \\ 47 \\ \underline{- 45} \qquad (5 \times 9) \\ 24 \\ \underline{- 18} \qquad (2 \times 9) \\ 66 \\ \underline{- 63} \qquad (7 \times 9) \\ 37 \\ \underline{- 36} \qquad (4 \times 9) \\ \text{Remainder -->} \quad 1 \end{array} $	<p>(5)</p> $ \begin{array}{r} 5022745 \text{ R4} \\ 8 \overline{) 40181964} \\ \underline{- 40} \qquad (5 \times 8) \\ 01 \\ \underline{- 0} \qquad (0 \times 8) \\ 18 \\ \underline{- 16} \qquad (2 \times 8) \\ 21 \\ \underline{- 16} \qquad (2 \times 8) \\ 59 \\ \underline{- 56} \qquad (7 \times 8) \\ 36 \\ \underline{- 32} \qquad (4 \times 8) \\ 44 \\ \underline{- 40} \qquad (5 \times 8) \\ \text{Remainder -->} \quad 4 \end{array} $	<p>(6)</p> $ \begin{array}{r} 2958968 \text{ R1} \\ 9 \overline{) 26630713} \\ \underline{- 18} \qquad (2 \times 9) \\ 86 \\ \underline{- 81} \qquad (9 \times 9) \\ 53 \\ \underline{- 45} \qquad (5 \times 9) \\ 80 \\ \underline{- 72} \qquad (8 \times 9) \\ 87 \\ \underline{- 81} \qquad (9 \times 9) \\ 61 \\ \underline{- 54} \qquad (6 \times 9) \\ 73 \\ \underline{- 72} \qquad (8 \times 9) \\ \text{Remainder -->} \quad 1 \end{array} $