

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

(1)

$$9 \overline{) 279}$$

(2)

$$6 \overline{) 547}$$

(3)

$$7 \overline{) 896}$$

(4)

$$4 \overline{) 969}$$

(5)

$$3 \overline{) 640}$$

(6)

$$4 \overline{) 685}$$

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} 31 \text{ R}0 \\ 9 \overline{) 279} \\ \underline{- 27} \qquad (3 \times 9) \\ 09 \\ \underline{- 9} \qquad (1 \times 9) \\ \text{Remainder --> } 0 \end{array} $	<p>(2)</p> $ \begin{array}{r} 91 \text{ R}1 \\ 6 \overline{) 547} \\ \underline{- 54} \qquad (9 \times 6) \\ 07 \\ \underline{- 6} \qquad (1 \times 6) \\ \text{Remainder --> } 1 \end{array} $	<p>(3)</p> $ \begin{array}{r} 128 \text{ R}0 \\ 7 \overline{) 896} \\ \underline{- 7} \qquad (1 \times 7) \\ 19 \\ \underline{- 14} \qquad (2 \times 7) \\ 56 \\ \underline{- 56} \qquad (8 \times 7) \\ \text{Remainder --> } 0 \end{array} $
<p>(4)</p> $ \begin{array}{r} 242 \text{ R}1 \\ 4 \overline{) 969} \\ \underline{- 8} \qquad (2 \times 4) \\ 16 \\ \underline{- 16} \qquad (4 \times 4) \\ 09 \\ \underline{- 8} \qquad (2 \times 4) \\ \text{Remainder --> } 1 \end{array} $	<p>(5)</p> $ \begin{array}{r} 213 \text{ R}1 \\ 3 \overline{) 640} \\ \underline{- 6} \qquad (2 \times 3) \\ 04 \\ \underline{- 3} \qquad (1 \times 3) \\ 10 \\ \underline{- 9} \qquad (3 \times 3) \\ \text{Remainder --> } 1 \end{array} $	<p>(6)</p> $ \begin{array}{r} 171 \text{ R}1 \\ 4 \overline{) 685} \\ \underline{- 4} \qquad (1 \times 4) \\ 28 \\ \underline{- 28} \qquad (7 \times 4) \\ 05 \\ \underline{- 4} \qquad (1 \times 4) \\ \text{Remainder --> } 1 \end{array} $