

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

(1)

$$2 \overline{) 2974}$$

(2)

$$4 \overline{) 9268}$$

(3)

$$9 \overline{) 2892}$$

(4)

$$3 \overline{) 3360}$$

(5)

$$7 \overline{) 9113}$$

(6)

$$2 \overline{) 9970}$$

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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<p>(1)</p> $ \begin{array}{r} 1487 \text{ R0} \\ 2 \overline{) 2974} \\ \underline{- 2} \qquad (1 \times 2) \\ 09 \\ \underline{- 8} \qquad (4 \times 2) \\ 17 \\ \underline{- 16} \qquad (8 \times 2) \\ 14 \\ \underline{- 14} \qquad (7 \times 2) \\ \text{Remainder --> } 0 \end{array} $	<p>(2)</p> $ \begin{array}{r} 2317 \text{ R0} \\ 4 \overline{) 9268} \\ \underline{- 8} \qquad (2 \times 4) \\ 12 \\ \underline{- 12} \qquad (3 \times 4) \\ 06 \\ \underline{- 4} \qquad (1 \times 4) \\ 28 \\ \underline{- 28} \qquad (7 \times 4) \\ \text{Remainder --> } 0 \end{array} $	<p>(3)</p> $ \begin{array}{r} 321 \text{ R3} \\ 9 \overline{) 2892} \\ \underline{- 27} \qquad (3 \times 9) \\ 19 \\ \underline{- 18} \qquad (2 \times 9) \\ 12 \\ \underline{- 9} \qquad (1 \times 9) \\ \text{Remainder --> } 3 \end{array} $
<p>(4)</p> $ \begin{array}{r} 1120 \text{ R0} \\ 3 \overline{) 3360} \\ \underline{- 3} \qquad (1 \times 3) \\ 03 \\ \underline{- 3} \qquad (1 \times 3) \\ 06 \\ \underline{- 6} \qquad (2 \times 3) \\ 00 \\ \underline{- 0} \qquad (0 \times 3) \\ \text{Remainder --> } 0 \end{array} $	<p>(5)</p> $ \begin{array}{r} 1301 \text{ R6} \\ 7 \overline{) 9113} \\ \underline{- 7} \qquad (1 \times 7) \\ 21 \\ \underline{- 21} \qquad (3 \times 7) \\ 01 \\ \underline{- 0} \qquad (0 \times 7) \\ 13 \\ \underline{- 7} \qquad (1 \times 7) \\ \text{Remainder --> } 6 \end{array} $	<p>(6)</p> $ \begin{array}{r} 4985 \text{ R0} \\ 2 \overline{) 9970} \\ \underline{- 8} \qquad (4 \times 2) \\ 19 \\ \underline{- 18} \qquad (9 \times 2) \\ 17 \\ \underline{- 16} \qquad (8 \times 2) \\ 10 \\ \underline{- 10} \qquad (5 \times 2) \\ \text{Remainder --> } 0 \end{array} $