

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

(1)

$$79 \overline{) 37882}$$

(2)

$$71 \overline{) 22888}$$

(3)

$$53 \overline{) 11195}$$

(4)

$$67 \overline{) 44575}$$

(5)

$$40 \overline{) 24044}$$

(6)

$$17 \overline{) 54371}$$

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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} \overline{479 \text{ R}41} \\ 79 \overline{) 37882} \\ \underline{- 316} \qquad (4 \times 79) \\ 628 \\ \underline{- 553} \qquad (7 \times 79) \\ 752 \\ \underline{- 711} \qquad (9 \times 79) \\ \text{Remainder --> } 41 \end{array} $	<p>(2)</p> $ \begin{array}{r} \overline{322 \text{ R}26} \\ 71 \overline{) 22888} \\ \underline{- 213} \qquad (3 \times 71) \\ 158 \\ \underline{- 142} \qquad (2 \times 71) \\ 168 \\ \underline{- 142} \qquad (2 \times 71) \\ \text{Remainder --> } 26 \end{array} $	<p>(3)</p> $ \begin{array}{r} \overline{211 \text{ R}12} \\ 53 \overline{) 11195} \\ \underline{- 106} \qquad (2 \times 53) \\ 59 \\ \underline{- 53} \qquad (1 \times 53) \\ 65 \\ \underline{- 53} \qquad (1 \times 53) \\ \text{Remainder --> } 12 \end{array} $
<p>(4)</p> $ \begin{array}{r} \overline{665 \text{ R}20} \\ 67 \overline{) 44575} \\ \underline{- 402} \qquad (6 \times 67) \\ 437 \\ \underline{- 402} \qquad (6 \times 67) \\ 355 \\ \underline{- 335} \qquad (5 \times 67) \\ \text{Remainder --> } 20 \end{array} $	<p>(5)</p> $ \begin{array}{r} \overline{601 \text{ R}4} \\ 40 \overline{) 24044} \\ \underline{- 240} \qquad (6 \times 40) \\ 04 \\ \underline{- 0} \qquad (0 \times 40) \\ 44 \\ \underline{- 40} \qquad (1 \times 40) \\ \text{Remainder --> } 4 \end{array} $	<p>(6)</p> $ \begin{array}{r} \overline{3198 \text{ R}5} \\ 17 \overline{) 54371} \\ \underline{- 51} \qquad (3 \times 17) \\ 33 \\ \underline{- 17} \qquad (1 \times 17) \\ 167 \\ \underline{- 153} \qquad (9 \times 17) \\ 141 \\ \underline{- 136} \qquad (8 \times 17) \\ \text{Remainder --> } 5 \end{array} $