

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

(1)

$$87 \overline{) 9528}$$

(2)

$$25 \overline{) 4498}$$

(3)

$$70 \overline{) 8055}$$

(4)

$$56 \overline{) 1117}$$

(5)

$$67 \overline{) 2911}$$

(6)

$$64 \overline{) 1220}$$

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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} 109 \text{ R}45 \\ 87 \overline{) 9528} \\ \underline{- 87} \qquad (1 \times 87) \\ 82 \\ \underline{- 0} \qquad (0 \times 87) \\ 828 \\ \underline{- 783} \qquad (9 \times 87) \\ \text{Remainder --> } 45 \end{array} $	<p>(2)</p> $ \begin{array}{r} 179 \text{ R}23 \\ 25 \overline{) 4498} \\ \underline{- 25} \qquad (1 \times 25) \\ 199 \\ \underline{- 175} \qquad (7 \times 25) \\ 248 \\ \underline{- 225} \qquad (9 \times 25) \\ \text{Remainder --> } 23 \end{array} $	<p>(3)</p> $ \begin{array}{r} 115 \text{ R}5 \\ 70 \overline{) 8055} \\ \underline{- 70} \qquad (1 \times 70) \\ 105 \\ \underline{- 70} \qquad (1 \times 70) \\ 355 \\ \underline{- 350} \qquad (5 \times 70) \\ \text{Remainder --> } 5 \end{array} $
<p>(4)</p> $ \begin{array}{r} 19 \text{ R}53 \\ 56 \overline{) 1117} \\ \underline{- 56} \qquad (1 \times 56) \\ 557 \\ \underline{- 504} \qquad (9 \times 56) \\ \text{Remainder --> } 53 \end{array} $	<p>(5)</p> $ \begin{array}{r} 43 \text{ R}30 \\ 67 \overline{) 2911} \\ \underline{- 268} \qquad (4 \times 67) \\ 231 \\ \underline{- 201} \qquad (3 \times 67) \\ \text{Remainder --> } 30 \end{array} $	<p>(6)</p> $ \begin{array}{r} 19 \text{ R}4 \\ 64 \overline{) 1220} \\ \underline{- 64} \qquad (1 \times 64) \\ 580 \\ \underline{- 576} \qquad (9 \times 64) \\ \text{Remainder --> } 4 \end{array} $