

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

(1)

$$5 \overline{)6557}$$

(2)

$$5 \overline{)9225}$$

(3)

$$6 \overline{)4899}$$

(4)

$$2 \overline{)4579}$$

(5)

$$5 \overline{)1767}$$

(6)

$$9 \overline{)6032}$$

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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} 1311 \text{ R}2 \\ 5 \overline{) 6557} \\ \underline{- 5} \qquad (1 \times 5) \\ 15 \\ \underline{- 15} \qquad (3 \times 5) \\ 05 \\ \underline{- 5} \qquad (1 \times 5) \\ 07 \\ \underline{- 5} \qquad (1 \times 5) \\ \text{Remainder --> } 2 \end{array} $	<p>(2)</p> $ \begin{array}{r} 1845 \text{ R}0 \\ 5 \overline{) 9225} \\ \underline{- 5} \qquad (1 \times 5) \\ 42 \\ \underline{- 40} \qquad (8 \times 5) \\ 22 \\ \underline{- 20} \qquad (4 \times 5) \\ 25 \\ \underline{- 25} \qquad (5 \times 5) \\ \text{Remainder --> } 0 \end{array} $	<p>(3)</p> $ \begin{array}{r} 816 \text{ R}3 \\ 6 \overline{) 4899} \\ \underline{- 48} \qquad (8 \times 6) \\ 09 \\ \underline{- 6} \qquad (1 \times 6) \\ 39 \\ \underline{- 36} \qquad (6 \times 6) \\ \text{Remainder --> } 3 \end{array} $
<p>(4)</p> $ \begin{array}{r} 2289 \text{ R}1 \\ 2 \overline{) 4579} \\ \underline{- 4} \qquad (2 \times 2) \\ 05 \\ \underline{- 4} \qquad (2 \times 2) \\ 17 \\ \underline{- 16} \qquad (8 \times 2) \\ 19 \\ \underline{- 18} \qquad (9 \times 2) \\ \text{Remainder --> } 1 \end{array} $	<p>(5)</p> $ \begin{array}{r} 353 \text{ R}2 \\ 5 \overline{) 1767} \\ \underline{- 15} \qquad (3 \times 5) \\ 26 \\ \underline{- 25} \qquad (5 \times 5) \\ 17 \\ \underline{- 15} \qquad (3 \times 5) \\ \text{Remainder --> } 2 \end{array} $	<p>(6)</p> $ \begin{array}{r} 670 \text{ R}2 \\ 9 \overline{) 6032} \\ \underline{- 54} \qquad (6 \times 9) \\ 63 \\ \underline{- 63} \qquad (7 \times 9) \\ 02 \\ \underline{- 0} \qquad (0 \times 9) \\ \text{Remainder --> } 2 \end{array} $