

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

(1)

$$9 \overline{)5854}$$

(2)

$$2 \overline{)9541}$$

(3)

$$5 \overline{)6482}$$

(4)

$$7 \overline{)4909}$$

(5)

$$6 \overline{)5038}$$

(6)

$$9 \overline{)4958}$$

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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} 650 \text{ R}4 \\ 9 \overline{) 5854} \\ \underline{- 54} \qquad (6 \times 9) \\ 45 \\ \underline{- 45} \qquad (5 \times 9) \\ 04 \\ \underline{- 0} \qquad (0 \times 9) \\ \text{Remainder --> } 4 \end{array} $	<p>(2)</p> $ \begin{array}{r} 4770 \text{ R}1 \\ 2 \overline{) 9541} \\ \underline{- 8} \qquad (4 \times 2) \\ 15 \\ \underline{- 14} \qquad (7 \times 2) \\ 14 \\ \underline{- 14} \qquad (7 \times 2) \\ 01 \\ \underline{- 0} \qquad (0 \times 2) \\ \text{Remainder --> } 1 \end{array} $	<p>(3)</p> $ \begin{array}{r} 1296 \text{ R}2 \\ 5 \overline{) 6482} \\ \underline{- 5} \qquad (1 \times 5) \\ 14 \\ \underline{- 10} \qquad (2 \times 5) \\ 48 \\ \underline{- 45} \qquad (9 \times 5) \\ 32 \\ \underline{- 30} \qquad (6 \times 5) \\ \text{Remainder --> } 2 \end{array} $
<p>(4)</p> $ \begin{array}{r} 701 \text{ R}2 \\ 7 \overline{) 4909} \\ \underline{- 49} \qquad (7 \times 7) \\ 00 \\ \underline{- 0} \qquad (0 \times 7) \\ 09 \\ \underline{- 7} \qquad (1 \times 7) \\ \text{Remainder --> } 2 \end{array} $	<p>(5)</p> $ \begin{array}{r} 839 \text{ R}4 \\ 6 \overline{) 5038} \\ \underline{- 48} \qquad (8 \times 6) \\ 23 \\ \underline{- 18} \qquad (3 \times 6) \\ 58 \\ \underline{- 54} \qquad (9 \times 6) \\ \text{Remainder --> } 4 \end{array} $	<p>(6)</p> $ \begin{array}{r} 550 \text{ R}8 \\ 9 \overline{) 4958} \\ \underline{- 45} \qquad (5 \times 9) \\ 45 \\ \underline{- 45} \qquad (5 \times 9) \\ 08 \\ \underline{- 0} \qquad (0 \times 9) \\ \text{Remainder --> } 8 \end{array} $