

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

(1)

$$3 \overline{)7874}$$

(2)

$$8 \overline{)3894}$$

(3)

$$5 \overline{)4501}$$

(4)

$$9 \overline{)6208}$$

(5)

$$5 \overline{)5018}$$

(6)

$$5 \overline{)4265}$$

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

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

<p>(1)</p> $ \begin{array}{r} 2624 \text{ R}2 \\ 3 \overline{) 7874} \\ \underline{- 6} \qquad (2 \times 3) \\ 18 \\ \underline{- 18} \qquad (6 \times 3) \\ 07 \\ \underline{- 6} \qquad (2 \times 3) \\ 14 \\ \underline{- 12} \qquad (4 \times 3) \\ \text{Remainder --> } 2 \end{array} $	<p>(2)</p> $ \begin{array}{r} 486 \text{ R}6 \\ 8 \overline{) 3894} \\ \underline{- 32} \qquad (4 \times 8) \\ 69 \\ \underline{- 64} \qquad (8 \times 8) \\ 54 \\ \underline{- 48} \qquad (6 \times 8) \\ \text{Remainder --> } 6 \end{array} $	<p>(3)</p> $ \begin{array}{r} 900 \text{ R}1 \\ 5 \overline{) 4501} \\ \underline{- 45} \qquad (9 \times 5) \\ 00 \\ \underline{- 0} \qquad (0 \times 5) \\ 01 \\ \underline{- 0} \qquad (0 \times 5) \\ \text{Remainder --> } 1 \end{array} $
<p>(4)</p> $ \begin{array}{r} 689 \text{ R}7 \\ 9 \overline{) 6208} \\ \underline{- 54} \qquad (6 \times 9) \\ 80 \\ \underline{- 72} \qquad (8 \times 9) \\ 88 \\ \underline{- 81} \qquad (9 \times 9) \\ \text{Remainder --> } 7 \end{array} $	<p>(5)</p> $ \begin{array}{r} 1003 \text{ R}3 \\ 5 \overline{) 5018} \\ \underline{- 5} \qquad (1 \times 5) \\ 00 \\ \underline{- 0} \qquad (0 \times 5) \\ 01 \\ \underline{- 0} \qquad (0 \times 5) \\ 18 \\ \underline{- 15} \qquad (3 \times 5) \\ \text{Remainder --> } 3 \end{array} $	<p>(6)</p> $ \begin{array}{r} 853 \text{ R}0 \\ 5 \overline{) 4265} \\ \underline{- 40} \qquad (8 \times 5) \\ 26 \\ \underline{- 25} \qquad (5 \times 5) \\ 15 \\ \underline{- 15} \qquad (3 \times 5) \\ \text{Remainder --> } 0 \end{array} $