

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

(1)

$$3 \overline{)6594}$$

(2)

$$4 \overline{)6737}$$

(3)

$$4 \overline{)2635}$$

(4)

$$4 \overline{)8119}$$

(5)

$$7 \overline{)5401}$$

(6)

$$8 \overline{)2452}$$

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} 2198 \text{ R}0 \\ 3 \overline{) 6594} \\ \underline{- 6} \qquad (2 \times 3) \\ 05 \\ \underline{- 3} \qquad (1 \times 3) \\ 29 \\ \underline{- 27} \qquad (9 \times 3) \\ 24 \\ \underline{- 24} \qquad (8 \times 3) \\ \text{Remainder --> } 0 \end{array} $	<p>(2)</p> $ \begin{array}{r} 1684 \text{ R}1 \\ 4 \overline{) 6737} \\ \underline{- 4} \qquad (1 \times 4) \\ 27 \\ \underline{- 24} \qquad (6 \times 4) \\ 33 \\ \underline{- 32} \qquad (8 \times 4) \\ 17 \\ \underline{- 16} \qquad (4 \times 4) \\ \text{Remainder --> } 1 \end{array} $	<p>(3)</p> $ \begin{array}{r} 658 \text{ R}3 \\ 4 \overline{) 2635} \\ \underline{- 24} \qquad (6 \times 4) \\ 23 \\ \underline{- 20} \qquad (5 \times 4) \\ 35 \\ \underline{- 32} \qquad (8 \times 4) \\ \text{Remainder --> } 3 \end{array} $
<p>(4)</p> $ \begin{array}{r} 2029 \text{ R}3 \\ 4 \overline{) 8119} \\ \underline{- 8} \qquad (2 \times 4) \\ 01 \\ \underline{- 0} \qquad (0 \times 4) \\ 11 \\ \underline{- 8} \qquad (2 \times 4) \\ 39 \\ \underline{- 36} \qquad (9 \times 4) \\ \text{Remainder --> } 3 \end{array} $	<p>(5)</p> $ \begin{array}{r} 771 \text{ R}4 \\ 7 \overline{) 5401} \\ \underline{- 49} \qquad (7 \times 7) \\ 50 \\ \underline{- 49} \qquad (7 \times 7) \\ 11 \\ \underline{- 7} \qquad (1 \times 7) \\ \text{Remainder --> } 4 \end{array} $	<p>(6)</p> $ \begin{array}{r} 306 \text{ R}4 \\ 8 \overline{) 2452} \\ \underline{- 24} \qquad (3 \times 8) \\ 05 \\ \underline{- 0} \qquad (0 \times 8) \\ 52 \\ \underline{- 48} \qquad (6 \times 8) \\ \text{Remainder --> } 4 \end{array} $