

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

(1)

$$219 \overline{)54038}$$

(2)

$$496 \overline{)82583}$$

(3)

$$199 \overline{)34718}$$

(4)

$$374 \overline{)80417}$$

(5)

$$759 \overline{)81349}$$

(6)

$$932 \overline{)44802}$$

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} \overline{246 \text{ R}164} \\ 219 \overline{)54038} \\ \underline{- 438} \qquad (2 \times 219) \\ 1023 \\ \underline{- 876} \qquad (4 \times 219) \\ 1478 \\ \underline{- 1314} \qquad (6 \times 219) \\ \text{Remainder --> } 164 \end{array} $	<p>(2)</p> $ \begin{array}{r} \overline{166 \text{ R}247} \\ 496 \overline{)82583} \\ \underline{- 496} \qquad (1 \times 496) \\ 3298 \\ \underline{- 2976} \qquad (6 \times 496) \\ 3223 \\ \underline{- 2976} \qquad (6 \times 496) \\ \text{Remainder --> } 247 \end{array} $	<p>(3)</p> $ \begin{array}{r} \overline{174 \text{ R}92} \\ 199 \overline{)34718} \\ \underline{- 199} \qquad (1 \times 199) \\ 1481 \\ \underline{- 1393} \qquad (7 \times 199) \\ 888 \\ \underline{- 796} \qquad (4 \times 199) \\ \text{Remainder --> } 92 \end{array} $
<p>(4)</p> $ \begin{array}{r} \overline{215 \text{ R}7} \\ 374 \overline{)80417} \\ \underline{- 748} \qquad (2 \times 374) \\ 561 \\ \underline{- 374} \qquad (1 \times 374) \\ 1877 \\ \underline{- 1870} \qquad (5 \times 374) \\ \text{Remainder --> } 7 \end{array} $	<p>(5)</p> $ \begin{array}{r} \overline{107 \text{ R}136} \\ 759 \overline{)81349} \\ \underline{- 759} \qquad (1 \times 759) \\ 544 \\ \underline{- 0} \qquad (0 \times 759) \\ 5449 \\ \underline{- 5313} \qquad (7 \times 759) \\ \text{Remainder --> } 136 \end{array} $	<p>(6)</p> $ \begin{array}{r} \overline{48 \text{ R}66} \\ 932 \overline{)44802} \\ \underline{- 3728} \qquad (4 \times 932) \\ 7522 \\ \underline{- 7456} \qquad (8 \times 932) \\ \text{Remainder --> } 66 \end{array} $