

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

(1)

$$5 \overline{)480369}$$

(2)

$$6 \overline{)456084}$$

(3)

$$3 \overline{)489506}$$

(4)

$$3 \overline{)650538}$$

(5)

$$3 \overline{)129845}$$

(6)

$$9 \overline{)359794}$$

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}  96073 \text{ R}4 \\  5 \overline{) 480369} \\  \underline{- 45} \qquad (9 \times 5) \\  30 \\  \underline{- 30} \qquad (6 \times 5) \\  03 \\  \underline{- 0} \qquad (0 \times 5) \\  36 \\  \underline{- 35} \qquad (7 \times 5) \\  19 \\  \underline{- 15} \qquad (3 \times 5) \\  \text{Remainder --> } 4  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  76014 \text{ R}0 \\  6 \overline{) 456084} \\  \underline{- 42} \qquad (7 \times 6) \\  36 \\  \underline{- 36} \qquad (6 \times 6) \\  00 \\  \underline{- 0} \qquad (0 \times 6) \\  08 \\  \underline{- 6} \qquad (1 \times 6) \\  24 \\  \underline{- 24} \qquad (4 \times 6) \\  \text{Remainder --> } 0  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  163168 \text{ R}2 \\  3 \overline{) 489506} \\  \underline{- 3} \qquad (1 \times 3) \\  18 \\  \underline{- 18} \qquad (6 \times 3) \\  09 \\  \underline{- 9} \qquad (3 \times 3) \\  05 \\  \underline{- 3} \qquad (1 \times 3) \\  20 \\  \underline{- 18} \qquad (6 \times 3) \\  26 \\  \underline{- 24} \qquad (8 \times 3) \\  \text{Remainder --> } 2  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  216846 \text{ R}0 \\  3 \overline{) 650538} \\  \underline{- 6} \qquad (2 \times 3) \\  05 \\  \underline{- 3} \qquad (1 \times 3) \\  20 \\  \underline{- 18} \qquad (6 \times 3) \\  25 \\  \underline{- 24} \qquad (8 \times 3) \\  13 \\  \underline{- 12} \qquad (4 \times 3) \\  18 \\  \underline{- 18} \qquad (6 \times 3) \\  \text{Remainder --> } 0  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  43281 \text{ R}2 \\  3 \overline{) 129845} \\  \underline{- 12} \qquad (4 \times 3) \\  09 \\  \underline{- 9} \qquad (3 \times 3) \\  08 \\  \underline{- 6} \qquad (2 \times 3) \\  24 \\  \underline{- 24} \qquad (8 \times 3) \\  05 \\  \underline{- 3} \qquad (1 \times 3) \\  \text{Remainder --> } 2  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  39977 \text{ R}1 \\  9 \overline{) 359794} \\  \underline{- 27} \qquad (3 \times 9) \\  89 \\  \underline{- 81} \qquad (9 \times 9) \\  87 \\  \underline{- 81} \qquad (9 \times 9) \\  69 \\  \underline{- 63} \qquad (7 \times 9) \\  64 \\  \underline{- 63} \qquad (7 \times 9) \\  \text{Remainder --> } 1  \end{array}  $