

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

(1)

$$603 \overline{)481709}$$

(2)

$$701 \overline{)871107}$$

(3)

$$116 \overline{)596911}$$

(4)

$$420 \overline{)661666}$$

(5)

$$374 \overline{)801411}$$

(6)

$$621 \overline{)399678}$$

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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}  \phantom{603} \overline{) 481709} \quad \text{798 R515} \\  \underline{- 4221} \quad (7 \times 603) \\  5960 \\  \underline{- 5427} \quad (9 \times 603) \\  5339 \\  \underline{- 4824} \quad (8 \times 603) \\  \text{Remainder -->} \quad 515  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  \phantom{701} \overline{) 871107} \quad \text{1242 R465} \\  \underline{- 701} \quad (1 \times 701) \\  1701 \\  \underline{- 1402} \quad (2 \times 701) \\  2990 \\  \underline{- 2804} \quad (4 \times 701) \\  1867 \\  \underline{- 1402} \quad (2 \times 701) \\  \text{Remainder -->} \quad 465  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  \phantom{116} \overline{) 596911} \quad \text{5145 R91} \\  \underline{- 580} \quad (5 \times 116) \\  169 \\  \underline{- 116} \quad (1 \times 116) \\  531 \\  \underline{- 464} \quad (4 \times 116) \\  671 \\  \underline{- 580} \quad (5 \times 116) \\  \text{Remainder -->} \quad 91  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  \phantom{420} \overline{) 661666} \quad \text{1575 R166} \\  \underline{- 420} \quad (1 \times 420) \\  2416 \\  \underline{- 2100} \quad (5 \times 420) \\  3166 \\  \underline{- 2940} \quad (7 \times 420) \\  2266 \\  \underline{- 2100} \quad (5 \times 420) \\  \text{Remainder -->} \quad 166  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  \phantom{374} \overline{) 801411} \quad \text{2142 R303} \\  \underline{- 748} \quad (2 \times 374) \\  534 \\  \underline{- 374} \quad (1 \times 374) \\  1601 \\  \underline{- 1496} \quad (4 \times 374) \\  1051 \\  \underline{- 748} \quad (2 \times 374) \\  \text{Remainder -->} \quad 303  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  \phantom{621} \overline{) 399678} \quad \text{643 R375} \\  \underline{- 3726} \quad (6 \times 621) \\  2707 \\  \underline{- 2484} \quad (4 \times 621) \\  2238 \\  \underline{- 1863} \quad (3 \times 621) \\  \text{Remainder -->} \quad 375  \end{array}  $