

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

(1)

$$2243 \overline{) 861521261}$$

(2)

$$9579 \overline{) 968755684}$$

(3)

$$7259 \overline{) 737223046}$$

(4)

$$2017 \overline{) 120873754}$$

(5)

$$4777 \overline{) 301433039}$$

(6)

$$9764 \overline{) 730506676}$$

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}  384093 \text{ R}662 \\  2243 \overline{) 861521261} \\  \underline{- 6729} \quad (3 \times 2243) \\  18862 \\  \underline{- 17944} \quad (8 \times 2243) \\  9181 \\  \underline{- 8972} \quad (4 \times 2243) \\  2092 \\  \underline{- 0} \quad (0 \times 2243) \\  20926 \\  \underline{- 20187} \quad (9 \times 2243) \\  7391 \\  \underline{- 6729} \quad (3 \times 2243) \\  \text{Remainder -->} \quad 662  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  101133 \text{ R}2677 \\  9579 \overline{) 968755684} \\  \underline{- 9579} \quad (1 \times 9579) \\  1085 \\  \underline{- 0} \quad (0 \times 9579) \\  10855 \\  \underline{- 9579} \quad (1 \times 9579) \\  12766 \\  \underline{- 9579} \quad (1 \times 9579) \\  31878 \\  \underline{- 28737} \quad (3 \times 9579) \\  31414 \\  \underline{- 28737} \quad (3 \times 9579) \\  \text{Remainder -->} \quad 2677  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  101559 \text{ R}6265 \\  7259 \overline{) 737223046} \\  \underline{- 7259} \quad (1 \times 7259) \\  1132 \\  \underline{- 0} \quad (0 \times 7259) \\  11323 \\  \underline{- 7259} \quad (1 \times 7259) \\  40640 \\  \underline{- 36295} \quad (5 \times 7259) \\  43454 \\  \underline{- 36295} \quad (5 \times 7259) \\  71596 \\  \underline{- 65331} \quad (9 \times 7259) \\  \text{Remainder -->} \quad 6265  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  59927 \text{ R}995 \\  2017 \overline{) 120873754} \\  \underline{- 10085} \quad (5 \times 2017) \\  20023 \\  \underline{- 18153} \quad (9 \times 2017) \\  18707 \\  \underline{- 18153} \quad (9 \times 2017) \\  5545 \\  \underline{- 4034} \quad (2 \times 2017) \\  15114 \\  \underline{- 14119} \quad (7 \times 2017) \\  \text{Remainder -->} \quad 995  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  63100 \text{ R}4339 \\  4777 \overline{) 301433039} \\  \underline{- 28662} \quad (6 \times 4777) \\  14813 \\  \underline{- 14331} \quad (3 \times 4777) \\  4820 \\  \underline{- 4777} \quad (1 \times 4777) \\  433 \\  \underline{- 0} \quad (0 \times 4777) \\  4339 \\  \underline{- 0} \quad (0 \times 4777) \\  \text{Remainder -->} \quad 4339  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  74816 \text{ R}3252 \\  9764 \overline{) 730506676} \\  \underline{- 68348} \quad (7 \times 9764) \\  47026 \\  \underline{- 39056} \quad (4 \times 9764) \\  79706 \\  \underline{- 78112} \quad (8 \times 9764) \\  15947 \\  \underline{- 9764} \quad (1 \times 9764) \\  61836 \\  \underline{- 58584} \quad (6 \times 9764) \\  \text{Remainder -->} \quad 3252  \end{array}  $