

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

(1)

$$10 \overline{)7609315}$$

(2)

$$67 \overline{)1564017}$$

(3)

$$68 \overline{)4330797}$$

(4)

$$17 \overline{)9351589}$$

(5)

$$19 \overline{)7030193}$$

(6)

$$13 \overline{)9905029}$$

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}  760931 \text{ R}5 \\  10 \overline{) 7609315} \\  \underline{- 70} \qquad (7 \times 10) \\  60 \\  \underline{- 60} \qquad (6 \times 10) \\  09 \\  \underline{- 0} \qquad (0 \times 10) \\  93 \\  \underline{- 90} \qquad (9 \times 10) \\  31 \\  \underline{- 30} \qquad (3 \times 10) \\  15 \\  \underline{- 10} \qquad (1 \times 10) \\  5 \\  \text{Remainder -->}  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  23343 \text{ R}36 \\  67 \overline{) 1564017} \\  \underline{- 134} \qquad (2 \times 67) \\  224 \\  \underline{- 201} \qquad (3 \times 67) \\  230 \\  \underline{- 201} \qquad (3 \times 67) \\  291 \\  \underline{- 268} \qquad (4 \times 67) \\  237 \\  \underline{- 201} \qquad (3 \times 67) \\  \text{Remainder -->} \quad 36  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  63688 \text{ R}13 \\  68 \overline{) 4330797} \\  \underline{- 408} \qquad (6 \times 68) \\  250 \\  \underline{- 204} \qquad (3 \times 68) \\  467 \\  \underline{- 408} \qquad (6 \times 68) \\  599 \\  \underline{- 544} \qquad (8 \times 68) \\  557 \\  \underline{- 544} \qquad (8 \times 68) \\  \text{Remainder -->} \quad 13  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  550093 \text{ R}8 \\  17 \overline{) 9351589} \\  \underline{- 85} \qquad (5 \times 17) \\  85 \\  \underline{- 85} \qquad (5 \times 17) \\  01 \\  \underline{- 0} \qquad (0 \times 17) \\  15 \\  \underline{- 0} \qquad (0 \times 17) \\  158 \\  \underline{- 153} \qquad (9 \times 17) \\  59 \\  \underline{- 51} \qquad (3 \times 17) \\  \text{Remainder -->} \quad 8  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  370010 \text{ R}3 \\  19 \overline{) 7030193} \\  \underline{- 57} \qquad (3 \times 19) \\  133 \\  \underline{- 133} \qquad (7 \times 19) \\  00 \\  \underline{- 0} \qquad (0 \times 19) \\  01 \\  \underline{- 0} \qquad (0 \times 19) \\  19 \\  \underline{- 19} \qquad (1 \times 19) \\  03 \\  \underline{- 0} \qquad (0 \times 19) \\  \text{Remainder -->} \quad 3  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  761925 \text{ R}4 \\  13 \overline{) 9905029} \\  \underline{- 91} \qquad (7 \times 13) \\  80 \\  \underline{- 78} \qquad (6 \times 13) \\  25 \\  \underline{- 13} \qquad (1 \times 13) \\  120 \\  \underline{- 117} \qquad (9 \times 13) \\  32 \\  \underline{- 26} \qquad (2 \times 13) \\  69 \\  \underline{- 65} \qquad (5 \times 13) \\  \text{Remainder -->} \quad 4  \end{array}  $