

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

(1)

$$43 \overline{) 9415092}$$

(2)

$$75 \overline{) 4548676}$$

(3)

$$74 \overline{) 5609253}$$

(4)

$$13 \overline{) 2810653}$$

(5)

$$26 \overline{) 5559099}$$

(6)

$$75 \overline{) 9095287}$$

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}  218955 \text{ R}27 \\  43 \overline{) 9415092} \\  \underline{- 86} \qquad (2 \times 43) \\  81 \\  \underline{- 43} \qquad (1 \times 43) \\  385 \\  \underline{- 344} \qquad (8 \times 43) \\  410 \\  \underline{- 387} \qquad (9 \times 43) \\  239 \\  \underline{- 215} \qquad (5 \times 43) \\  242 \\  \underline{- 215} \qquad (5 \times 43) \\  \text{Remainder -->} \quad 27  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  60649 \text{ R}1 \\  75 \overline{) 4548676} \\  \underline{- 450} \qquad (6 \times 75) \\  48 \\  \underline{- 0} \qquad (0 \times 75) \\  486 \\  \underline{- 450} \qquad (6 \times 75) \\  367 \\  \underline{- 300} \qquad (4 \times 75) \\  676 \\  \underline{- 675} \qquad (9 \times 75) \\  \text{Remainder -->} \quad 1  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  75800 \text{ R}53 \\  74 \overline{) 5609253} \\  \underline{- 518} \qquad (7 \times 74) \\  429 \\  \underline{- 370} \qquad (5 \times 74) \\  592 \\  \underline{- 592} \qquad (8 \times 74) \\  05 \\  \underline{- 0} \qquad (0 \times 74) \\  53 \\  \underline{- 0} \qquad (0 \times 74) \\  \text{Remainder -->} \quad 53  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  216204 \text{ R}1 \\  13 \overline{) 2810653} \\  \underline{- 26} \qquad (2 \times 13) \\  21 \\  \underline{- 13} \qquad (1 \times 13) \\  80 \\  \underline{- 78} \qquad (6 \times 13) \\  26 \\  \underline{- 26} \qquad (2 \times 13) \\  05 \\  \underline{- 0} \qquad (0 \times 13) \\  53 \\  \underline{- 52} \qquad (4 \times 13) \\  \text{Remainder -->} \quad 1  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  213811 \text{ R}13 \\  26 \overline{) 5559099} \\  \underline{- 52} \qquad (2 \times 26) \\  35 \\  \underline{- 26} \qquad (1 \times 26) \\  99 \\  \underline{- 78} \qquad (3 \times 26) \\  210 \\  \underline{- 208} \qquad (8 \times 26) \\  29 \\  \underline{- 26} \qquad (1 \times 26) \\  39 \\  \underline{- 26} \qquad (1 \times 26) \\  \text{Remainder -->} \quad 13  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  121270 \text{ R}37 \\  75 \overline{) 9095287} \\  \underline{- 75} \qquad (1 \times 75) \\  159 \\  \underline{- 150} \qquad (2 \times 75) \\  95 \\  \underline{- 75} \qquad (1 \times 75) \\  202 \\  \underline{- 150} \qquad (2 \times 75) \\  528 \\  \underline{- 525} \qquad (7 \times 75) \\  37 \\  \underline{- 0} \qquad (0 \times 75) \\  \text{Remainder -->} \quad 37  \end{array}  $