

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

(1)

$$551 \overline{)619668870}$$

(2)

$$457 \overline{)704659337}$$

(3)

$$936 \overline{)929144552}$$

(4)

$$921 \overline{)487924556}$$

(5)

$$808 \overline{)358950492}$$

(6)

$$657 \overline{)693901536}$$

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}  1124625 \text{ R}495 \\  551 \overline{) 619668870} \\  \underline{- 551} \quad (1 \times 551) \\  686 \\  \underline{- 551} \quad (1 \times 551) \\  1356 \\  \underline{- 1102} \quad (2 \times 551) \\  2548 \\  \underline{- 2204} \quad (4 \times 551) \\  3448 \\  \underline{- 3306} \quad (6 \times 551) \\  1427 \\  \underline{- 1102} \quad (2 \times 551) \\  3250 \\  \underline{- 2755} \quad (5 \times 551) \\  \text{Remainder -->} \quad 495  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  1541924 \text{ R}69 \\  457 \overline{) 704659337} \\  \underline{- 457} \quad (1 \times 457) \\  2476 \\  \underline{- 2285} \quad (5 \times 457) \\  1915 \\  \underline{- 1828} \quad (4 \times 457) \\  879 \\  \underline{- 457} \quad (1 \times 457) \\  4223 \\  \underline{- 4113} \quad (9 \times 457) \\  1103 \\  \underline{- 914} \quad (2 \times 457) \\  1897 \\  \underline{- 1828} \quad (4 \times 457) \\  \text{Remainder -->} \quad 69  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  992675 \text{ R}752 \\  936 \overline{) 929144552} \\  \underline{- 8424} \quad (9 \times 936) \\  8674 \\  \underline{- 8424} \quad (9 \times 936) \\  2504 \\  \underline{- 1872} \quad (2 \times 936) \\  6325 \\  \underline{- 5616} \quad (6 \times 936) \\  7095 \\  \underline{- 6552} \quad (7 \times 936) \\  5432 \\  \underline{- 4680} \quad (5 \times 936) \\  \text{Remainder -->} \quad 752  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  529776 \text{ R}860 \\  921 \overline{) 487924556} \\  \underline{- 4605} \quad (5 \times 921) \\  2742 \\  \underline{- 1842} \quad (2 \times 921) \\  9004 \\  \underline{- 8289} \quad (9 \times 921) \\  7155 \\  \underline{- 6447} \quad (7 \times 921) \\  7085 \\  \underline{- 6447} \quad (7 \times 921) \\  6386 \\  \underline{- 5526} \quad (6 \times 921) \\  \text{Remainder -->} \quad 860  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  444245 \text{ R}532 \\  808 \overline{) 358950492} \\  \underline{- 3232} \quad (4 \times 808) \\  3575 \\  \underline{- 3232} \quad (4 \times 808) \\  3430 \\  \underline{- 3232} \quad (4 \times 808) \\  1984 \\  \underline{- 1616} \quad (2 \times 808) \\  3689 \\  \underline{- 3232} \quad (4 \times 808) \\  4572 \\  \underline{- 4040} \quad (5 \times 808) \\  \text{Remainder -->} \quad 532  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  1056166 \text{ R}474 \\  657 \overline{) 693901536} \\  \underline{- 657} \quad (1 \times 657) \\  369 \\  \underline{- 0} \quad (0 \times 657) \\  3690 \\  \underline{- 3285} \quad (5 \times 657) \\  4051 \\  \underline{- 3942} \quad (6 \times 657) \\  1095 \\  \underline{- 657} \quad (1 \times 657) \\  4383 \\  \underline{- 3942} \quad (6 \times 657) \\  4416 \\  \underline{- 3942} \quad (6 \times 657) \\  \text{Remainder -->} \quad 474  \end{array}  $