

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

(1)

$$291 \overline{) 339192172}$$

(2)

$$731 \overline{) 374610306}$$

(3)

$$672 \overline{) 211866055}$$

(4)

$$874 \overline{) 999269862}$$

(5)

$$262 \overline{) 851613598}$$

(6)

$$239 \overline{) 174765831}$$

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}  1165608 \text{ R}244 \\  291 \overline{) 339192172} \\  \underline{- 291} \quad (1 \times 291) \\  481 \\  \underline{- 291} \quad (1 \times 291) \\  1909 \\  \underline{- 1746} \quad (6 \times 291) \\  1632 \\  \underline{- 1455} \quad (5 \times 291) \\  1771 \\  \underline{- 1746} \quad (6 \times 291) \\  257 \\  \underline{- 0} \quad (0 \times 291) \\  2572 \\  \underline{- 2328} \quad (8 \times 291) \\  \text{Remainder -->} \quad 244  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  512462 \text{ R}584 \\  731 \overline{) 374610306} \\  \underline{- 3655} \quad (5 \times 731) \\  911 \\  \underline{- 731} \quad (1 \times 731) \\  1800 \\  \underline{- 1462} \quad (2 \times 731) \\  3383 \\  \underline{- 2924} \quad (4 \times 731) \\  4590 \\  \underline{- 4386} \quad (6 \times 731) \\  2046 \\  \underline{- 1462} \quad (2 \times 731) \\  \text{Remainder -->} \quad 584  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  315276 \text{ R}583 \\  672 \overline{) 211866055} \\  \underline{- 2016} \quad (3 \times 672) \\  1026 \\  \underline{- 672} \quad (1 \times 672) \\  3546 \\  \underline{- 3360} \quad (5 \times 672) \\  1860 \\  \underline{- 1344} \quad (2 \times 672) \\  5165 \\  \underline{- 4704} \quad (7 \times 672) \\  4615 \\  \underline{- 4032} \quad (6 \times 672) \\  \text{Remainder -->} \quad 583  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  1143329 \text{ R}316 \\  874 \overline{) 999269862} \\  \underline{- 874} \quad (1 \times 874) \\  1252 \\  \underline{- 874} \quad (1 \times 874) \\  3786 \\  \underline{- 3496} \quad (4 \times 874) \\  2909 \\  \underline{- 2622} \quad (3 \times 874) \\  2878 \\  \underline{- 2622} \quad (3 \times 874) \\  2566 \\  \underline{- 1748} \quad (2 \times 874) \\  8182 \\  \underline{- 7866} \quad (9 \times 874) \\  \text{Remainder -->} \quad 316  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  3250433 \text{ R}152 \\  262 \overline{) 851613598} \\  \underline{- 786} \quad (3 \times 262) \\  656 \\  \underline{- 524} \quad (2 \times 262) \\  1321 \\  \underline{- 1310} \quad (5 \times 262) \\  113 \\  \underline{- 0} \quad (0 \times 262) \\  1135 \\  \underline{- 1048} \quad (4 \times 262) \\  879 \\  \underline{- 786} \quad (3 \times 262) \\  938 \\  \underline{- 786} \quad (3 \times 262) \\  \text{Remainder -->} \quad 152  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  731237 \text{ R}188 \\  239 \overline{) 174765831} \\  \underline{- 1673} \quad (7 \times 239) \\  746 \\  \underline{- 717} \quad (3 \times 239) \\  295 \\  \underline{- 239} \quad (1 \times 239) \\  568 \\  \underline{- 478} \quad (2 \times 239) \\  903 \\  \underline{- 717} \quad (3 \times 239) \\  1861 \\  \underline{- 1673} \quad (7 \times 239) \\  \text{Remainder -->} \quad 188  \end{array}  $