

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

(1)

$$705 \overline{) 337317617}$$

(2)

$$327 \overline{) 354722801}$$

(3)

$$122 \overline{) 164372103}$$

(4)

$$531 \overline{) 704109403}$$

(5)

$$117 \overline{) 165328991}$$

(6)

$$720 \overline{) 434918898}$$

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} 478464 \text{ R}497 \\ 705 \overline{) 337317617} \\ \underline{- 2820} \quad (4 \times 705) \\ 5531 \\ \underline{- 4935} \quad (7 \times 705) \\ 5967 \\ \underline{- 5640} \quad (8 \times 705) \\ 3276 \\ \underline{- 2820} \quad (4 \times 705) \\ 4561 \\ \underline{- 4230} \quad (6 \times 705) \\ 3317 \\ \underline{- 2820} \quad (4 \times 705) \\ \text{Remainder -->} \quad 497 \end{array} $	<p>(2)</p> $ \begin{array}{r} 1084779 \text{ R}68 \\ 327 \overline{) 354722801} \\ \underline{- 327} \quad (1 \times 327) \\ 277 \\ \underline{- 0} \quad (0 \times 327) \\ 2772 \\ \underline{- 2616} \quad (8 \times 327) \\ 1562 \\ \underline{- 1308} \quad (4 \times 327) \\ 2548 \\ \underline{- 2289} \quad (7 \times 327) \\ 2590 \\ \underline{- 2289} \quad (7 \times 327) \\ 3011 \\ \underline{- 2943} \quad (9 \times 327) \\ \text{Remainder -->} \quad 68 \end{array} $	<p>(3)</p> $ \begin{array}{r} 1347312 \text{ R}39 \\ 122 \overline{) 164372103} \\ \underline{- 122} \quad (1 \times 122) \\ 423 \\ \underline{- 366} \quad (3 \times 122) \\ 577 \\ \underline{- 488} \quad (4 \times 122) \\ 892 \\ \underline{- 854} \quad (7 \times 122) \\ 381 \\ \underline{- 366} \quad (3 \times 122) \\ 150 \\ \underline{- 122} \quad (1 \times 122) \\ 283 \\ \underline{- 244} \quad (2 \times 122) \\ \text{Remainder -->} \quad 39 \end{array} $
<p>(4)</p> $ \begin{array}{r} 1326006 \text{ R}217 \\ 531 \overline{) 704109403} \\ \underline{- 531} \quad (1 \times 531) \\ 1731 \\ \underline{- 1593} \quad (3 \times 531) \\ 1380 \\ \underline{- 1062} \quad (2 \times 531) \\ 3189 \\ \underline{- 3186} \quad (6 \times 531) \\ 34 \\ \underline{- 0} \quad (0 \times 531) \\ 340 \\ \underline{- 0} \quad (0 \times 531) \\ 3403 \\ \underline{- 3186} \quad (6 \times 531) \\ \text{Remainder -->} \quad 217 \end{array} $	<p>(5)</p> $ \begin{array}{r} 1413068 \text{ R}35 \\ 117 \overline{) 165328991} \\ \underline{- 117} \quad (1 \times 117) \\ 483 \\ \underline{- 468} \quad (4 \times 117) \\ 152 \\ \underline{- 117} \quad (1 \times 117) \\ 358 \\ \underline{- 351} \quad (3 \times 117) \\ 79 \\ \underline{- 0} \quad (0 \times 117) \\ 799 \\ \underline{- 702} \quad (6 \times 117) \\ 971 \\ \underline{- 936} \quad (8 \times 117) \\ \text{Remainder -->} \quad 35 \end{array} $	<p>(6)</p> $ \begin{array}{r} 604054 \text{ R}18 \\ 720 \overline{) 434918898} \\ \underline{- 4320} \quad (6 \times 720) \\ 291 \\ \underline{- 0} \quad (0 \times 720) \\ 2918 \\ \underline{- 2880} \quad (4 \times 720) \\ 388 \\ \underline{- 0} \quad (0 \times 720) \\ 3889 \\ \underline{- 3600} \quad (5 \times 720) \\ 2898 \\ \underline{- 2880} \quad (4 \times 720) \\ \text{Remainder -->} \quad 18 \end{array} $