

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

(1)

$$317 \overline{) 132265177}$$

(2)

$$140 \overline{) 559305418}$$

(3)

$$281 \overline{) 878590225}$$

(4)

$$294 \overline{) 586433359}$$

(5)

$$664 \overline{) 452196101}$$

(6)

$$463 \overline{) 459967261}$$

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} 417240 \text{ R}97 \\ 317 \overline{) 132265177} \\ \underline{- 1268} \quad (4 \times 317) \\ 546 \\ \underline{- 317} \quad (1 \times 317) \\ 2295 \\ \underline{- 2219} \quad (7 \times 317) \\ 761 \\ \underline{- 634} \quad (2 \times 317) \\ 1277 \\ \underline{- 1268} \quad (4 \times 317) \\ 97 \\ \underline{- 0} \quad (0 \times 317) \\ \text{Remainder -->} \quad 97 \end{array} $	<p>(2)</p> $ \begin{array}{r} 3995038 \text{ R}98 \\ 140 \overline{) 559305418} \\ \underline{- 420} \quad (3 \times 140) \\ 1393 \\ \underline{- 1260} \quad (9 \times 140) \\ 1330 \\ \underline{- 1260} \quad (9 \times 140) \\ 705 \\ \underline{- 700} \quad (5 \times 140) \\ 54 \\ \underline{- 0} \quad (0 \times 140) \\ 541 \\ \underline{- 420} \quad (3 \times 140) \\ 1218 \\ \underline{- 1120} \quad (8 \times 140) \\ \text{Remainder -->} \quad 98 \end{array} $	<p>(3)</p> $ \begin{array}{r} 3126655 \text{ R}170 \\ 281 \overline{) 878590225} \\ \underline{- 843} \quad (3 \times 281) \\ 355 \\ \underline{- 281} \quad (1 \times 281) \\ 749 \\ \underline{- 562} \quad (2 \times 281) \\ 1870 \\ \underline{- 1686} \quad (6 \times 281) \\ 1842 \\ \underline{- 1686} \quad (6 \times 281) \\ 1562 \\ \underline{- 1405} \quad (5 \times 281) \\ 1575 \\ \underline{- 1405} \quad (5 \times 281) \\ \text{Remainder -->} \quad 170 \end{array} $
<p>(4)</p> $ \begin{array}{r} 1994671 \text{ R}85 \\ 294 \overline{) 586433359} \\ \underline{- 294} \quad (1 \times 294) \\ 2924 \\ \underline{- 2646} \quad (9 \times 294) \\ 2783 \\ \underline{- 2646} \quad (9 \times 294) \\ 1373 \\ \underline{- 1176} \quad (4 \times 294) \\ 1973 \\ \underline{- 1764} \quad (6 \times 294) \\ 2095 \\ \underline{- 2058} \quad (7 \times 294) \\ 379 \\ \underline{- 294} \quad (1 \times 294) \\ \text{Remainder -->} \quad 85 \end{array} $	<p>(5)</p> $ \begin{array}{r} 681018 \text{ R}149 \\ 664 \overline{) 452196101} \\ \underline{- 3984} \quad (6 \times 664) \\ 5379 \\ \underline{- 5312} \quad (8 \times 664) \\ 676 \\ \underline{- 664} \quad (1 \times 664) \\ 121 \\ \underline{- 0} \quad (0 \times 664) \\ 1210 \\ \underline{- 664} \quad (1 \times 664) \\ 5461 \\ \underline{- 5312} \quad (8 \times 664) \\ \text{Remainder -->} \quad 149 \end{array} $	<p>(6)</p> $ \begin{array}{r} 993449 \text{ R}374 \\ 463 \overline{) 459967261} \\ \underline{- 4167} \quad (9 \times 463) \\ 4326 \\ \underline{- 4167} \quad (9 \times 463) \\ 1597 \\ \underline{- 1389} \quad (3 \times 463) \\ 2082 \\ \underline{- 1852} \quad (4 \times 463) \\ 2306 \\ \underline{- 1852} \quad (4 \times 463) \\ 4541 \\ \underline{- 4167} \quad (9 \times 463) \\ \text{Remainder -->} \quad 374 \end{array} $