

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

(1)

$$9579 \overline{) 340012626}$$

(2)

$$2553 \overline{) 230929573}$$

(3)

$$6673 \overline{) 806535062}$$

(4)

$$9342 \overline{) 341534860}$$

(5)

$$6704 \overline{) 472772418}$$

(6)

$$6284 \overline{) 564706938}$$

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} \overline{35495} \text{ R6021} \\ 9579 \overline{) 340012626} \\ \underline{- 28737} \quad (3 \times 9579) \\ 52642 \\ \underline{- 47895} \quad (5 \times 9579) \\ 47476 \\ \underline{- 38316} \quad (4 \times 9579) \\ 91602 \\ \underline{- 86211} \quad (9 \times 9579) \\ 53916 \\ \underline{- 47895} \quad (5 \times 9579) \\ \text{Remainder --> } 6021 \end{array} $	<p>(2)</p> $ \begin{array}{r} \overline{90454} \text{ R511} \\ 2553 \overline{) 230929573} \\ \underline{- 22977} \quad (9 \times 2553) \\ 1159 \\ \underline{- 0} \quad (0 \times 2553) \\ 11595 \\ \underline{- 10212} \quad (4 \times 2553) \\ 13837 \\ \underline{- 12765} \quad (5 \times 2553) \\ 10723 \\ \underline{- 10212} \quad (4 \times 2553) \\ \text{Remainder --> } 511 \end{array} $	<p>(3)</p> $ \begin{array}{r} \overline{120865} \text{ R2917} \\ 6673 \overline{) 806535062} \\ \underline{- 6673} \quad (1 \times 6673) \\ 13923 \\ \underline{- 13346} \quad (2 \times 6673) \\ 5775 \\ \underline{- 0} \quad (0 \times 6673) \\ 57750 \\ \underline{- 53384} \quad (8 \times 6673) \\ 43666 \\ \underline{- 40038} \quad (6 \times 6673) \\ 36282 \\ \underline{- 33365} \quad (5 \times 6673) \\ \text{Remainder --> } 2917 \end{array} $
<p>(4)</p> $ \begin{array}{r} \overline{36559} \text{ R682} \\ 9342 \overline{) 341534860} \\ \underline{- 28026} \quad (3 \times 9342) \\ 61274 \\ \underline{- 56052} \quad (6 \times 9342) \\ 52228 \\ \underline{- 46710} \quad (5 \times 9342) \\ 55186 \\ \underline{- 46710} \quad (5 \times 9342) \\ 84760 \\ \underline{- 84078} \quad (9 \times 9342) \\ \text{Remainder --> } 682 \end{array} $	<p>(5)</p> $ \begin{array}{r} \overline{70520} \text{ R6338} \\ 6704 \overline{) 472772418} \\ \underline{- 46928} \quad (7 \times 6704) \\ 3492 \\ \underline{- 0} \quad (0 \times 6704) \\ 34924 \\ \underline{- 33520} \quad (5 \times 6704) \\ 14041 \\ \underline{- 13408} \quad (2 \times 6704) \\ 6338 \\ \underline{- 0} \quad (0 \times 6704) \\ \text{Remainder --> } 6338 \end{array} $	<p>(6)</p> $ \begin{array}{r} \overline{89864} \text{ R1562} \\ 6284 \overline{) 564706938} \\ \underline{- 50272} \quad (8 \times 6284) \\ 61986 \\ \underline{- 56556} \quad (9 \times 6284) \\ 54309 \\ \underline{- 50272} \quad (8 \times 6284) \\ 40373 \\ \underline{- 37704} \quad (6 \times 6284) \\ 26698 \\ \underline{- 25136} \quad (4 \times 6284) \\ \text{Remainder --> } 1562 \end{array} $