

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

(1)

$$714 \overline{)157309}$$

(2)

$$721 \overline{)497877}$$

(3)

$$296 \overline{)580338}$$

(4)

$$610 \overline{)706183}$$

(5)

$$392 \overline{)815341}$$

(6)

$$216 \overline{)585700}$$

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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<p>(1)</p> $ \begin{array}{r} \overline{) 157309} \quad \text{220 R229} \\ \underline{- 1428} \quad (2 \times 714) \\ 1450 \\ \underline{- 1428} \quad (2 \times 714) \\ 229 \\ \underline{- 0} \quad (0 \times 714) \\ \text{Remainder --> } 229 \end{array} $	<p>(2)</p> $ \begin{array}{r} \overline{) 497877} \quad \text{690 R387} \\ \underline{- 4326} \quad (6 \times 721) \\ 6527 \\ \underline{- 6489} \quad (9 \times 721) \\ 387 \\ \underline{- 0} \quad (0 \times 721) \\ \text{Remainder --> } 387 \end{array} $	<p>(3)</p> $ \begin{array}{r} \overline{) 580338} \quad \text{1960 R178} \\ \underline{- 296} \quad (1 \times 296) \\ 2843 \\ \underline{- 2664} \quad (9 \times 296) \\ 1793 \\ \underline{- 1776} \quad (6 \times 296) \\ 178 \\ \underline{- 0} \quad (0 \times 296) \\ \text{Remainder --> } 178 \end{array} $
<p>(4)</p> $ \begin{array}{r} \overline{) 706183} \quad \text{1157 R413} \\ \underline{- 610} \quad (1 \times 610) \\ 961 \\ \underline{- 610} \quad (1 \times 610) \\ 3518 \\ \underline{- 3050} \quad (5 \times 610) \\ 4683 \\ \underline{- 4270} \quad (7 \times 610) \\ \text{Remainder --> } 413 \end{array} $	<p>(5)</p> $ \begin{array}{r} \overline{) 815341} \quad \text{2079 R373} \\ \underline{- 784} \quad (2 \times 392) \\ 313 \\ \underline{- 0} \quad (0 \times 392) \\ 3134 \\ \underline{- 2744} \quad (7 \times 392) \\ 3901 \\ \underline{- 3528} \quad (9 \times 392) \\ \text{Remainder --> } 373 \end{array} $	<p>(6)</p> $ \begin{array}{r} \overline{) 585700} \quad \text{2711 R124} \\ \underline{- 432} \quad (2 \times 216) \\ 1537 \\ \underline{- 1512} \quad (7 \times 216) \\ 250 \\ \underline{- 216} \quad (1 \times 216) \\ 340 \\ \underline{- 216} \quad (1 \times 216) \\ \text{Remainder --> } 124 \end{array} $