

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

(1)

$$657981 \overline{) 791135716}$$

(2)

$$812403 \overline{) 120124331}$$

(3)

$$675672 \overline{) 426077527}$$

(4)

$$186980 \overline{) 464856327}$$

(5)

$$221330 \overline{) 797910447}$$

(6)

$$522258 \overline{) 977246306}$$

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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} 1202 \\ 657981 \overline{) 791135716} \\ \underline{- 657981} \quad (1 \times 657981) \\ 1331547 \\ \underline{- 1315962} \quad (2 \times 657981) \\ 155851 \\ \underline{- 0} \quad (0 \times 657981) \\ 1558516 \\ \underline{- 1315962} \quad (2 \times 657981) \\ \text{Remainder -->} \quad 242554 \end{array} $	<p>(2)</p> $ \begin{array}{r} 147 \\ 812403 \overline{) 120124331} \\ \underline{- 812403} \quad (1 \times 812403) \\ 3888403 \\ \underline{- 3249612} \quad (4 \times 812403) \\ 6387911 \\ \underline{- 5686821} \quad (7 \times 812403) \\ \text{Remainder -->} \quad 701090 \end{array} $	<p>(3)</p> $ \begin{array}{r} 630 \\ 675672 \overline{) 426077527} \\ \underline{- 4054032} \quad (6 \times 675672) \\ 2067432 \\ \underline{- 2027016} \quad (3 \times 675672) \\ 404167 \\ \underline{- 0} \quad (0 \times 675672) \\ \text{Remainder -->} \quad 404167 \end{array} $
<p>(4)</p> $ \begin{array}{r} 2486 \\ 186980 \overline{) 464856327} \\ \underline{- 373960} \quad (2 \times 186980) \\ 908963 \\ \underline{- 747920} \quad (4 \times 186980) \\ 1610432 \\ \underline{- 1495840} \quad (8 \times 186980) \\ 1145927 \\ \underline{- 1121880} \quad (6 \times 186980) \\ \text{Remainder -->} \quad 24047 \end{array} $	<p>(5)</p> $ \begin{array}{r} 3605 \\ 221330 \overline{) 797910447} \\ \underline{- 663990} \quad (3 \times 221330) \\ 1339204 \\ \underline{- 1327980} \quad (6 \times 221330) \\ 112244 \\ \underline{- 0} \quad (0 \times 221330) \\ 1122447 \\ \underline{- 1106650} \quad (5 \times 221330) \\ \text{Remainder -->} \quad 15797 \end{array} $	<p>(6)</p> $ \begin{array}{r} 1871 \\ 522258 \overline{) 977246306} \\ \underline{- 522258} \quad (1 \times 522258) \\ 4549883 \\ \underline{- 4178064} \quad (8 \times 522258) \\ 3718190 \\ \underline{- 3655806} \quad (7 \times 522258) \\ 623846 \\ \underline{- 522258} \quad (1 \times 522258) \\ \text{Remainder -->} \quad 101588 \end{array} $