

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

(1)

$$2 \overline{)700352240}$$

(2)

$$3 \overline{)698278039}$$

(3)

$$7 \overline{)140107961}$$

(4)

$$2 \overline{)916265270}$$

(5)

$$2 \overline{)283090606}$$

(6)

$$3 \overline{)420696664}$$

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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}  350176120 \text{ R0} \\  2 \overline{) 700352240} \\  \underline{- 6} \qquad (3 \times 2) \\  10 \\  \underline{- 10} \qquad (5 \times 2) \\  00 \\  \underline{- 0} \qquad (0 \times 2) \\  03 \\  \underline{- 2} \qquad (1 \times 2) \\  15 \\  \underline{- 14} \qquad (7 \times 2) \\  12 \\  \underline{- 12} \qquad (6 \times 2) \\  02 \\  \underline{- 2} \qquad (1 \times 2) \\  04 \\  \underline{- 4} \qquad (2 \times 2) \\  00 \\  \underline{- 0} \qquad (0 \times 2) \\  \text{Remainder -->} \quad 0  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  232759346 \text{ R1} \\  3 \overline{) 698278039} \\  \underline{- 6} \qquad (2 \times 3) \\  09 \\  \underline{- 9} \qquad (3 \times 3) \\  08 \\  \underline{- 6} \qquad (2 \times 3) \\  22 \\  \underline{- 21} \qquad (7 \times 3) \\  17 \\  \underline{- 15} \qquad (5 \times 3) \\  28 \\  \underline{- 27} \qquad (9 \times 3) \\  10 \\  \underline{- 9} \qquad (3 \times 3) \\  13 \\  \underline{- 12} \qquad (4 \times 3) \\  19 \\  \underline{- 18} \qquad (6 \times 3) \\  \text{Remainder -->} \quad 1  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  20015423 \text{ R0} \\  7 \overline{) 140107961} \\  \underline{- 14} \qquad (2 \times 7) \\  00 \\  \underline{- 0} \qquad (0 \times 7) \\  01 \\  \underline{- 0} \qquad (0 \times 7) \\  10 \\  \underline{- 7} \qquad (1 \times 7) \\  37 \\  \underline{- 35} \qquad (5 \times 7) \\  29 \\  \underline{- 28} \qquad (4 \times 7) \\  16 \\  \underline{- 14} \qquad (2 \times 7) \\  21 \\  \underline{- 21} \qquad (3 \times 7) \\  \text{Remainder -->} \quad 0  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  458132635 \text{ R0} \\  2 \overline{) 916265270} \\  \underline{- 8} \qquad (4 \times 2) \\  11 \\  \underline{- 10} \qquad (5 \times 2) \\  16 \\  \underline{- 16} \qquad (8 \times 2) \\  02 \\  \underline{- 2} \qquad (1 \times 2) \\  06 \\  \underline{- 6} \qquad (3 \times 2) \\  05 \\  \underline{- 4} \qquad (2 \times 2) \\  12 \\  \underline{- 12} \qquad (6 \times 2) \\  07 \\  \underline{- 6} \qquad (3 \times 2) \\  10 \\  \underline{- 10} \qquad (5 \times 2) \\  \text{Remainder -->} \quad 0  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  141545303 \text{ R0} \\  2 \overline{) 283090606} \\  \underline{- 2} \qquad (1 \times 2) \\  08 \\  \underline{- 8} \qquad (4 \times 2) \\  03 \\  \underline{- 2} \qquad (1 \times 2) \\  10 \\  \underline{- 10} \qquad (5 \times 2) \\  09 \\  \underline{- 8} \qquad (4 \times 2) \\  10 \\  \underline{- 10} \qquad (5 \times 2) \\  06 \\  \underline{- 6} \qquad (3 \times 2) \\  00 \\  \underline{- 0} \qquad (0 \times 2) \\  06 \\  \underline{- 6} \qquad (3 \times 2) \\  \text{Remainder -->} \quad 0  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  140232221 \text{ R1} \\  3 \overline{) 420696664} \\  \underline{- 3} \qquad (1 \times 3) \\  12 \\  \underline{- 12} \qquad (4 \times 3) \\  00 \\  \underline{- 0} \qquad (0 \times 3) \\  06 \\  \underline{- 6} \qquad (2 \times 3) \\  09 \\  \underline{- 9} \qquad (3 \times 3) \\  06 \\  \underline{- 6} \qquad (2 \times 3) \\  06 \\  \underline{- 6} \qquad (2 \times 3) \\  06 \\  \underline{- 6} \qquad (2 \times 3) \\  04 \\  \underline{- 3} \qquad (1 \times 3) \\  \text{Remainder -->} \quad 1  \end{array}  $