

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

(1)

$$720 \overline{) 300026}$$

(2)

$$649 \overline{) 288540}$$

(3)

$$234 \overline{) 433661}$$

(4)

$$744 \overline{) 100938}$$

(5)

$$868 \overline{) 700920}$$

(6)

$$238 \overline{) 844329}$$

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}  \phantom{720} \overline{416 \text{ R}506} \\  720 \overline{) 300026} \\  \underline{- 2880} \qquad (4 \times 720) \\  1202 \\  \underline{- 720} \qquad (1 \times 720) \\  4826 \\  \underline{- 4320} \qquad (6 \times 720) \\  \text{Remainder --> } 506  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  \phantom{649} \overline{444 \text{ R}384} \\  649 \overline{) 288540} \\  \underline{- 2596} \qquad (4 \times 649) \\  2894 \\  \underline{- 2596} \qquad (4 \times 649) \\  2980 \\  \underline{- 2596} \qquad (4 \times 649) \\  \text{Remainder --> } 384  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  \phantom{234} \overline{1853 \text{ R}59} \\  234 \overline{) 433661} \\  \underline{- 234} \qquad (1 \times 234) \\  1996 \\  \underline{- 1872} \qquad (8 \times 234) \\  1246 \\  \underline{- 1170} \qquad (5 \times 234) \\  761 \\  \underline{- 702} \qquad (3 \times 234) \\  \text{Remainder --> } 59  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  \phantom{744} \overline{135 \text{ R}498} \\  744 \overline{) 100938} \\  \underline{- 744} \qquad (1 \times 744) \\  2653 \\  \underline{- 2232} \qquad (3 \times 744) \\  4218 \\  \underline{- 3720} \qquad (5 \times 744) \\  \text{Remainder --> } 498  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  \phantom{868} \overline{807 \text{ R}444} \\  868 \overline{) 700920} \\  \underline{- 6944} \qquad (8 \times 868) \\  652 \\  \underline{- 0} \qquad (0 \times 868) \\  6520 \\  \underline{- 6076} \qquad (7 \times 868) \\  \text{Remainder --> } 444  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  \phantom{238} \overline{3547 \text{ R}143} \\  238 \overline{) 844329} \\  \underline{- 714} \qquad (3 \times 238) \\  1303 \\  \underline{- 1190} \qquad (5 \times 238) \\  1132 \\  \underline{- 952} \qquad (4 \times 238) \\  1809 \\  \underline{- 1666} \qquad (7 \times 238) \\  \text{Remainder --> } 143  \end{array}  $