

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

(1)

$$888802 \overline{)605734716}$$

(2)

$$826924 \overline{)712734644}$$

(3)

$$731062 \overline{)262883584}$$

(4)

$$583737 \overline{)260516285}$$

(5)

$$395266 \overline{)226477634}$$

(6)

$$243346 \overline{)162203066}$$

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}  888802 \overline{) 605734716} \\  \underline{- 5332812} \quad (6 \times 888802) \\  7245351 \\  \underline{- 7110416} \quad (8 \times 888802) \\  1349356 \\  \underline{- 888802} \quad (1 \times 888802) \\  \text{Remainder --> } 460554  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  826924 \overline{) 712734644} \\  \underline{- 6615392} \quad (8 \times 826924) \\  5119544 \\  \underline{- 4961544} \quad (6 \times 826924) \\  1580004 \\  \underline{- 826924} \quad (1 \times 826924) \\  \text{Remainder --> } 753080  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  731062 \overline{) 262883584} \\  \underline{- 2193186} \quad (3 \times 731062) \\  4356498 \\  \underline{- 3655310} \quad (5 \times 731062) \\  7011884 \\  \underline{- 6579558} \quad (9 \times 731062) \\  \text{Remainder --> } 432326  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  583737 \overline{) 260516285} \\  \underline{- 2334948} \quad (4 \times 583737) \\  2702148 \\  \underline{- 2334948} \quad (4 \times 583737) \\  3672005 \\  \underline{- 3502422} \quad (6 \times 583737) \\  \text{Remainder --> } 169583  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  395266 \overline{) 226477634} \\  \underline{- 1976330} \quad (5 \times 395266) \\  2884463 \\  \underline{- 2766862} \quad (7 \times 395266) \\  1176014 \\  \underline{- 790532} \quad (2 \times 395266) \\  \text{Remainder --> } 385482  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  243346 \overline{) 162203066} \\  \underline{- 1460076} \quad (6 \times 243346) \\  1619546 \\  \underline{- 1460076} \quad (6 \times 243346) \\  1594706 \\  \underline{- 1460076} \quad (6 \times 243346) \\  \text{Remainder --> } 134630  \end{array}  $