

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

(1)

$$114989 \overline{)740062420}$$

(2)

$$683695 \overline{)437291562}$$

(3)

$$921413 \overline{)546209269}$$

(4)

$$156654 \overline{)978863545}$$

(5)

$$338943 \overline{)415641424}$$

(6)

$$386464 \overline{)648584956}$$

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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}  \phantom{114989} \overline{) 740062420} \\  \underline{- 689934} \quad (6 \times 114989) \\  501284 \\  \underline{- 459956} \quad (4 \times 114989) \\  413282 \\  \underline{- 344967} \quad (3 \times 114989) \\  683150 \\  \underline{- 574945} \quad (5 \times 114989) \\  \text{Remainder -->} \quad 108205  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  \phantom{683695} \overline{) 437291562} \\  \underline{- 4102170} \quad (6 \times 683695) \\  2707456 \\  \underline{- 2051085} \quad (3 \times 683695) \\  6563712 \\  \underline{- 6153255} \quad (9 \times 683695) \\  \text{Remainder -->} \quad 410457  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  \phantom{921413} \overline{) 546209269} \\  \underline{- 4607065} \quad (5 \times 921413) \\  8550276 \\  \underline{- 8292717} \quad (9 \times 921413) \\  2575599 \\  \underline{- 1842826} \quad (2 \times 921413) \\  \text{Remainder -->} \quad 732773  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  \phantom{156654} \overline{) 978863545} \\  \underline{- 939924} \quad (6 \times 156654) \\  389395 \\  \underline{- 313308} \quad (2 \times 156654) \\  760874 \\  \underline{- 626616} \quad (4 \times 156654) \\  1342585 \\  \underline{- 1253232} \quad (8 \times 156654) \\  \text{Remainder -->} \quad 89353  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  \phantom{338943} \overline{) 415641424} \\  \underline{- 338943} \quad (1 \times 338943) \\  766984 \\  \underline{- 677886} \quad (2 \times 338943) \\  890982 \\  \underline{- 677886} \quad (2 \times 338943) \\  2130964 \\  \underline{- 2033658} \quad (6 \times 338943) \\  \text{Remainder -->} \quad 97306  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  \phantom{386464} \overline{) 648584956} \\  \underline{- 386464} \quad (1 \times 386464) \\  2621209 \\  \underline{- 2318784} \quad (6 \times 386464) \\  3024255 \\  \underline{- 2705248} \quad (7 \times 386464) \\  3190076 \\  \underline{- 3091712} \quad (8 \times 386464) \\  \text{Remainder -->} \quad 98364  \end{array}  $