

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

(1)

$$743033 \overline{) 375135759}$$

(2)

$$814709 \overline{) 856674006}$$

(3)

$$971290 \overline{) 979412356}$$

(4)

$$612119 \overline{) 752670060}$$

(5)

$$420514 \overline{) 815137803}$$

(6)

$$973177 \overline{) 818175979}$$

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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} \overline{) 375135759} \\ \underline{- 3715165} \quad (5 \times 743033) \\ 361925 \\ \underline{- 0} \quad (0 \times 743033) \\ 3619259 \\ \underline{- 2972132} \quad (4 \times 743033) \\ \text{Remainder -->} \quad 647127 \end{array} $	<p>(2)</p> $ \begin{array}{r} \overline{) 856674006} \\ \underline{- 814709} \quad (1 \times 814709) \\ 419650 \\ \underline{- 0} \quad (0 \times 814709) \\ 4196500 \\ \underline{- 4073545} \quad (5 \times 814709) \\ 1229556 \\ \underline{- 814709} \quad (1 \times 814709) \\ \text{Remainder -->} \quad 414847 \end{array} $	<p>(3)</p> $ \begin{array}{r} \overline{) 979412356} \\ \underline{- 971290} \quad (1 \times 971290) \\ 81223 \\ \underline{- 0} \quad (0 \times 971290) \\ 812235 \\ \underline{- 0} \quad (0 \times 971290) \\ 8122356 \\ \underline{- 7770320} \quad (8 \times 971290) \\ \text{Remainder -->} \quad 352036 \end{array} $
<p>(4)</p> $ \begin{array}{r} \overline{) 752670060} \\ \underline{- 612119} \quad (1 \times 612119) \\ 1405510 \\ \underline{- 1224238} \quad (2 \times 612119) \\ 1812726 \\ \underline{- 1224238} \quad (2 \times 612119) \\ 5884880 \\ \underline{- 5509071} \quad (9 \times 612119) \\ \text{Remainder -->} \quad 375809 \end{array} $	<p>(5)</p> $ \begin{array}{r} \overline{) 815137803} \\ \underline{- 420514} \quad (1 \times 420514) \\ 3946238 \\ \underline{- 3784626} \quad (9 \times 420514) \\ 1616120 \\ \underline{- 1261542} \quad (3 \times 420514) \\ 3545783 \\ \underline{- 3364112} \quad (8 \times 420514) \\ \text{Remainder -->} \quad 181671 \end{array} $	<p>(6)</p> $ \begin{array}{r} \overline{) 818175979} \\ \underline{- 7785416} \quad (8 \times 973177) \\ 3963437 \\ \underline{- 3892708} \quad (4 \times 973177) \\ 707299 \\ \underline{- 0} \quad (0 \times 973177) \\ \text{Remainder -->} \quad 707299 \end{array} $