

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

(1)

$$794438 \overline{) 672697230}$$

(2)

$$700751 \overline{) 391873507}$$

(3)

$$635497 \overline{) 340132131}$$

(4)

$$428549 \overline{) 803977811}$$

(5)

$$231618 \overline{) 204792886}$$

(6)

$$842050 \overline{) 927991122}$$

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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} 794438 \overline{) 672697230} \\ \underline{- 6355504} \quad (8 \times 794438) \\ 3714683 \\ \underline{- 3177752} \quad (4 \times 794438) \\ 5369310 \\ \underline{- 4766628} \quad (6 \times 794438) \\ \text{Remainder --> } 602682 \end{array} $	<p>(2)</p> $ \begin{array}{r} 700751 \overline{) 391873507} \\ \underline{- 3503755} \quad (5 \times 700751) \\ 4149800 \\ \underline{- 3503755} \quad (5 \times 700751) \\ 6460457 \\ \underline{- 6306759} \quad (9 \times 700751) \\ \text{Remainder --> } 153698 \end{array} $	<p>(3)</p> $ \begin{array}{r} 635497 \overline{) 340132131} \\ \underline{- 3177485} \quad (5 \times 635497) \\ 2238363 \\ \underline{- 1906491} \quad (3 \times 635497) \\ 3318721 \\ \underline{- 3177485} \quad (5 \times 635497) \\ \text{Remainder --> } 141236 \end{array} $
<p>(4)</p> $ \begin{array}{r} 428549 \overline{) 803977811} \\ \underline{- 428549} \quad (1 \times 428549) \\ 3754288 \\ \underline{- 3428392} \quad (8 \times 428549) \\ 3258961 \\ \underline{- 2999843} \quad (7 \times 428549) \\ 2591181 \\ \underline{- 2571294} \quad (6 \times 428549) \\ \text{Remainder --> } 19887 \end{array} $	<p>(5)</p> $ \begin{array}{r} 231618 \overline{) 204792886} \\ \underline{- 1852944} \quad (8 \times 231618) \\ 1949848 \\ \underline{- 1852944} \quad (8 \times 231618) \\ 969046 \\ \underline{- 926472} \quad (4 \times 231618) \\ \text{Remainder --> } 42574 \end{array} $	<p>(6)</p> $ \begin{array}{r} 842050 \overline{) 927991122} \\ \underline{- 842050} \quad (1 \times 842050) \\ 859411 \\ \underline{- 842050} \quad (1 \times 842050) \\ 173612 \\ \underline{- 0} \quad (0 \times 842050) \\ 1736122 \\ \underline{- 1684100} \quad (2 \times 842050) \\ \text{Remainder --> } 52022 \end{array} $