

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

(1)

$$999 \overline{)47836}$$

(2)

$$173 \overline{)86492}$$

(3)

$$279 \overline{)60971}$$

(4)

$$940 \overline{)55546}$$

(5)

$$950 \overline{)68352}$$

(6)

$$814 \overline{)49763}$$

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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} 47 \text{ R}883 \\ 999 \overline{) 47836} \\ \underline{- 3996} \quad (4 \times 999) \\ 7876 \\ \underline{- 6993} \quad (7 \times 999) \\ \text{Remainder --> } 883 \end{array} $	<p>(2)</p> $ \begin{array}{r} 499 \text{ R}165 \\ 173 \overline{) 86492} \\ \underline{- 692} \quad (4 \times 173) \\ 1729 \\ \underline{- 1557} \quad (9 \times 173) \\ 1722 \\ \underline{- 1557} \quad (9 \times 173) \\ \text{Remainder --> } 165 \end{array} $	<p>(3)</p> $ \begin{array}{r} 218 \text{ R}149 \\ 279 \overline{) 60971} \\ \underline{- 558} \quad (2 \times 279) \\ 517 \\ \underline{- 279} \quad (1 \times 279) \\ 2381 \\ \underline{- 2232} \quad (8 \times 279) \\ \text{Remainder --> } 149 \end{array} $
<p>(4)</p> $ \begin{array}{r} 59 \text{ R}86 \\ 940 \overline{) 55546} \\ \underline{- 4700} \quad (5 \times 940) \\ 8546 \\ \underline{- 8460} \quad (9 \times 940) \\ \text{Remainder --> } 86 \end{array} $	<p>(5)</p> $ \begin{array}{r} 71 \text{ R}902 \\ 950 \overline{) 68352} \\ \underline{- 6650} \quad (7 \times 950) \\ 1852 \\ \underline{- 950} \quad (1 \times 950) \\ \text{Remainder --> } 902 \end{array} $	<p>(6)</p> $ \begin{array}{r} 61 \text{ R}109 \\ 814 \overline{) 49763} \\ \underline{- 4884} \quad (6 \times 814) \\ 923 \\ \underline{- 814} \quad (1 \times 814) \\ \text{Remainder --> } 109 \end{array} $