

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

(1)

$$6 \overline{)888}$$

(2)

$$2 \overline{)909}$$

(3)

$$2 \overline{)187}$$

(4)

$$5 \overline{)660}$$

(5)

$$3 \overline{)687}$$

(6)

$$4 \overline{)946}$$

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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<p>(1)</p> $\begin{array}{r} 148 \text{ R0} \\ 6 \overline{) 888} \\ \underline{- 6} \phantom{0} \phantom{0} \phantom{0} \\ 28 \phantom{0} \phantom{0} \phantom{0} \\ \underline{- 24} \phantom{0} \phantom{0} \phantom{0} \\ 48 \phantom{0} \phantom{0} \phantom{0} \\ \underline{- 48} \phantom{0} \phantom{0} \phantom{0} \\ 0 \end{array}$ <p><i>Remainder --&gt; 0</i></p>	<p>(2)</p> $\begin{array}{r} 454 \text{ R1} \\ 2 \overline{) 909} \\ \underline{- 8} \phantom{0} \phantom{0} \phantom{0} \\ 10 \phantom{0} \phantom{0} \phantom{0} \\ \underline{- 10} \phantom{0} \phantom{0} \phantom{0} \\ 09 \phantom{0} \phantom{0} \phantom{0} \\ \underline{- 8} \phantom{0} \phantom{0} \phantom{0} \\ 1 \end{array}$ <p><i>Remainder --&gt; 1</i></p>	<p>(3)</p> $\begin{array}{r} 93 \text{ R1} \\ 2 \overline{) 187} \\ \underline{- 18} \phantom{0} \phantom{0} \phantom{0} \\ 07 \phantom{0} \phantom{0} \phantom{0} \\ \underline{- 6} \phantom{0} \phantom{0} \phantom{0} \\ 1 \end{array}$ <p><i>Remainder --&gt; 1</i></p>
<p>(4)</p> $\begin{array}{r} 132 \text{ R0} \\ 5 \overline{) 660} \\ \underline{- 5} \phantom{0} \phantom{0} \phantom{0} \\ 16 \phantom{0} \phantom{0} \phantom{0} \\ \underline{- 15} \phantom{0} \phantom{0} \phantom{0} \\ 10 \phantom{0} \phantom{0} \phantom{0} \\ \underline{- 10} \phantom{0} \phantom{0} \phantom{0} \\ 0 \end{array}$ <p><i>Remainder --&gt; 0</i></p>	<p>(5)</p> $\begin{array}{r} 229 \text{ R0} \\ 3 \overline{) 687} \\ \underline{- 6} \phantom{0} \phantom{0} \phantom{0} \\ 08 \phantom{0} \phantom{0} \phantom{0} \\ \underline{- 6} \phantom{0} \phantom{0} \phantom{0} \\ 27 \phantom{0} \phantom{0} \phantom{0} \\ \underline{- 27} \phantom{0} \phantom{0} \phantom{0} \\ 0 \end{array}$ <p><i>Remainder --&gt; 0</i></p>	<p>(6)</p> $\begin{array}{r} 236 \text{ R2} \\ 4 \overline{) 946} \\ \underline{- 8} \phantom{0} \phantom{0} \phantom{0} \\ 14 \phantom{0} \phantom{0} \phantom{0} \\ \underline{- 12} \phantom{0} \phantom{0} \phantom{0} \\ 26 \phantom{0} \phantom{0} \phantom{0} \\ \underline{- 24} \phantom{0} \phantom{0} \phantom{0} \\ 2 \end{array}$ <p><i>Remainder --&gt; 2</i></p>