

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

(1)

$$42 \overline{)662}$$

(2)

$$68 \overline{)603}$$

(3)

$$53 \overline{)242}$$

(4)

$$12 \overline{)888}$$

(5)

$$82 \overline{)246}$$

(6)

$$44 \overline{)639}$$

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

<p>(1)</p> $\begin{array}{r} 15 \text{ R}32 \\ 42 \overline{) 662} \\ \underline{- 42} \phantom{00} \quad (1 \times 42) \\ 242 \\ \underline{- 210} \phantom{00} \quad (5 \times 42) \\ \text{Remainder --> } 32 \end{array}$	<p>(2)</p> $\begin{array}{r} 8 \text{ R}59 \\ 68 \overline{) 603} \\ \underline{- 544} \phantom{00} \quad (8 \times 68) \\ \text{Remainder --> } 59 \end{array}$	<p>(3)</p> $\begin{array}{r} 4 \text{ R}30 \\ 53 \overline{) 242} \\ \underline{- 212} \phantom{00} \quad (4 \times 53) \\ \text{Remainder --> } 30 \end{array}$
<p>(4)</p> $\begin{array}{r} 74 \text{ R}0 \\ 12 \overline{) 888} \\ \underline{- 84} \phantom{00} \quad (7 \times 12) \\ 48 \\ \underline{- 48} \phantom{00} \quad (4 \times 12) \\ \text{Remainder --> } 0 \end{array}$	<p>(5)</p> $\begin{array}{r} 3 \text{ R}0 \\ 82 \overline{) 246} \\ \underline{- 246} \phantom{00} \quad (3 \times 82) \\ \text{Remainder --> } 0 \end{array}$	<p>(6)</p> $\begin{array}{r} 14 \text{ R}23 \\ 44 \overline{) 639} \\ \underline{- 44} \phantom{00} \quad (1 \times 44) \\ 199 \\ \underline{- 176} \phantom{00} \quad (4 \times 44) \\ \text{Remainder --> } 23 \end{array}$