

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

(1)

$$76 \overline{) 99650}$$

(2)

$$37 \overline{) 50911}$$

(3)

$$32 \overline{) 16431}$$

(4)

$$15 \overline{) 10582}$$

(5)

$$75 \overline{) 14286}$$

(6)

$$93 \overline{) 64037}$$

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

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

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|--|--|---|
| <p>(1)</p> $\begin{array}{r} 1311 \text{ R}14 \\ 76 \overline{)99650} \\ \underline{-76} \quad (1 \times 76) \\ 236 \\ \underline{-228} \quad (3 \times 76) \\ 85 \\ \underline{-76} \quad (1 \times 76) \\ 90 \\ \underline{-76} \quad (1 \times 76) \\ \text{Remainder --> } 14 \end{array}$ | <p>(2)</p> $\begin{array}{r} 1375 \text{ R}36 \\ 37 \overline{)50911} \\ \underline{-37} \quad (1 \times 37) \\ 139 \\ \underline{-111} \quad (3 \times 37) \\ 281 \\ \underline{-259} \quad (7 \times 37) \\ 221 \\ \underline{-185} \quad (5 \times 37) \\ \text{Remainder --> } 36 \end{array}$ | <p>(3)</p> $\begin{array}{r} 513 \text{ R}15 \\ 32 \overline{)16431} \\ \underline{-160} \quad (5 \times 32) \\ 43 \\ \underline{-32} \quad (1 \times 32) \\ 111 \\ \underline{-96} \quad (3 \times 32) \\ \text{Remainder --> } 15 \end{array}$    |
| <p>(4)</p> $\begin{array}{r} 705 \text{ R}7 \\ 15 \overline{)10582} \\ \underline{-105} \quad (7 \times 15) \\ 08 \\ \underline{-0} \quad (0 \times 15) \\ 82 \\ \underline{-75} \quad (5 \times 15) \\ \text{Remainder --> } 7 \end{array}$   | <p>(5)</p> $\begin{array}{r} 190 \text{ R}36 \\ 75 \overline{)14286} \\ \underline{-75} \quad (1 \times 75) \\ 678 \\ \underline{-675} \quad (9 \times 75) \\ 36 \\ \underline{-0} \quad (0 \times 75) \\ \text{Remainder --> } 36 \end{array}$  | <p>(6)</p> $\begin{array}{r} 688 \text{ R}53 \\ 93 \overline{)64037} \\ \underline{-558} \quad (6 \times 93) \\ 823 \\ \underline{-744} \quad (8 \times 93) \\ 797 \\ \underline{-744} \quad (8 \times 93) \\ \text{Remainder --> } 53 \end{array}$ |