

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

(1)

$$47 \overline{)7261}$$

(2)

$$76 \overline{)7409}$$

(3)

$$67 \overline{)8054}$$

(4)

$$71 \overline{)5551}$$

(5)

$$13 \overline{)8740}$$

(6)

$$47 \overline{)6712}$$

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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}  154 \text{ R}23 \\  47 \overline{) 7261} \\  \underline{- 47} \qquad (1 \times 47) \\  256 \\  \underline{- 235} \qquad (5 \times 47) \\  211 \\  \underline{- 188} \qquad (4 \times 47) \\  \text{Remainder --> } 23  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  97 \text{ R}37 \\  76 \overline{) 7409} \\  \underline{- 684} \qquad (9 \times 76) \\  569 \\  \underline{- 532} \qquad (7 \times 76) \\  \text{Remainder --> } 37  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  120 \text{ R}14 \\  67 \overline{) 8054} \\  \underline{- 67} \qquad (1 \times 67) \\  135 \\  \underline{- 134} \qquad (2 \times 67) \\  14 \\  \underline{- 0} \qquad (0 \times 67) \\  \text{Remainder --> } 14  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  78 \text{ R}13 \\  71 \overline{) 5551} \\  \underline{- 497} \qquad (7 \times 71) \\  581 \\  \underline{- 568} \qquad (8 \times 71) \\  \text{Remainder --> } 13  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  672 \text{ R}4 \\  13 \overline{) 8740} \\  \underline{- 78} \qquad (6 \times 13) \\  94 \\  \underline{- 91} \qquad (7 \times 13) \\  30 \\  \underline{- 26} \qquad (2 \times 13) \\  \text{Remainder --> } 4  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  142 \text{ R}38 \\  47 \overline{) 6712} \\  \underline{- 47} \qquad (1 \times 47) \\  201 \\  \underline{- 188} \qquad (4 \times 47) \\  132 \\  \underline{- 94} \qquad (2 \times 47) \\  \text{Remainder --> } 38  \end{array}  $