

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

(1)

$$76 \overline{)68325}$$

(2)

$$61 \overline{)70602}$$

(3)

$$18 \overline{)76035}$$

(4)

$$21 \overline{)68230}$$

(5)

$$79 \overline{)47505}$$

(6)

$$71 \overline{)94454}$$

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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} 899 \text{ R}1 \\ 76 \overline{) 68325} \\ \underline{- 608} \quad (8 \times 76) \\ 752 \\ \underline{- 684} \quad (9 \times 76) \\ 685 \\ \underline{- 684} \quad (9 \times 76) \\ \text{Remainder -->} \quad 1 \end{array} $	<p>(2)</p> $ \begin{array}{r} 1157 \text{ R}25 \\ 61 \overline{) 70602} \\ \underline{- 61} \quad (1 \times 61) \\ 96 \\ \underline{- 61} \quad (1 \times 61) \\ 350 \\ \underline{- 305} \quad (5 \times 61) \\ 452 \\ \underline{- 427} \quad (7 \times 61) \\ \text{Remainder -->} \quad 25 \end{array} $	<p>(3)</p> $ \begin{array}{r} 4224 \text{ R}3 \\ 18 \overline{) 76035} \\ \underline{- 72} \quad (4 \times 18) \\ 40 \\ \underline{- 36} \quad (2 \times 18) \\ 43 \\ \underline{- 36} \quad (2 \times 18) \\ 75 \\ \underline{- 72} \quad (4 \times 18) \\ \text{Remainder -->} \quad 3 \end{array} $
<p>(4)</p> $ \begin{array}{r} 3249 \text{ R}1 \\ 21 \overline{) 68230} \\ \underline{- 63} \quad (3 \times 21) \\ 52 \\ \underline{- 42} \quad (2 \times 21) \\ 103 \\ \underline{- 84} \quad (4 \times 21) \\ 190 \\ \underline{- 189} \quad (9 \times 21) \\ \text{Remainder -->} \quad 1 \end{array} $	<p>(5)</p> $ \begin{array}{r} 601 \text{ R}26 \\ 79 \overline{) 47505} \\ \underline{- 474} \quad (6 \times 79) \\ 10 \\ \underline{- 0} \quad (0 \times 79) \\ 105 \\ \underline{- 79} \quad (1 \times 79) \\ \text{Remainder -->} \quad 26 \end{array} $	<p>(6)</p> $ \begin{array}{r} 1330 \text{ R}24 \\ 71 \overline{) 94454} \\ \underline{- 71} \quad (1 \times 71) \\ 234 \\ \underline{- 213} \quad (3 \times 71) \\ 215 \\ \underline{- 213} \quad (3 \times 71) \\ 24 \\ \underline{- 0} \quad (0 \times 71) \\ \text{Remainder -->} \quad 24 \end{array} $