

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

(1)

$$98 \overline{)8010048}$$

(2)

$$94 \overline{)6412660}$$

(3)

$$27 \overline{)5929852}$$

(4)

$$56 \overline{)6231894}$$

(5)

$$40 \overline{)4992403}$$

(6)

$$76 \overline{)7292726}$$

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"

<p>(1)</p> $  \begin{array}{r}  81735 \text{ R}18 \\  98 \overline{) 8010048} \\  \underline{- 784} \quad (8 \times 98) \\  170 \\  \underline{- 98} \quad (1 \times 98) \\  720 \\  \underline{- 686} \quad (7 \times 98) \\  344 \\  \underline{- 294} \quad (3 \times 98) \\  508 \\  \underline{- 490} \quad (5 \times 98) \\  \text{Remainder --> } 18  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  68219 \text{ R}74 \\  94 \overline{) 6412660} \\  \underline{- 564} \quad (6 \times 94) \\  772 \\  \underline{- 752} \quad (8 \times 94) \\  206 \\  \underline{- 188} \quad (2 \times 94) \\  186 \\  \underline{- 94} \quad (1 \times 94) \\  920 \\  \underline{- 846} \quad (9 \times 94) \\  \text{Remainder --> } 74  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  219624 \text{ R}4 \\  27 \overline{) 5929852} \\  \underline{- 54} \quad (2 \times 27) \\  52 \\  \underline{- 27} \quad (1 \times 27) \\  259 \\  \underline{- 243} \quad (9 \times 27) \\  168 \\  \underline{- 162} \quad (6 \times 27) \\  65 \\  \underline{- 54} \quad (2 \times 27) \\  112 \\  \underline{- 108} \quad (4 \times 27) \\  \text{Remainder --> } 4  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  111283 \text{ R}46 \\  56 \overline{) 6231894} \\  \underline{- 56} \quad (1 \times 56) \\  63 \\  \underline{- 56} \quad (1 \times 56) \\  71 \\  \underline{- 56} \quad (1 \times 56) \\  158 \\  \underline{- 112} \quad (2 \times 56) \\  469 \\  \underline{- 448} \quad (8 \times 56) \\  214 \\  \underline{- 168} \quad (3 \times 56) \\  \text{Remainder --> } 46  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  124810 \text{ R}3 \\  40 \overline{) 4992403} \\  \underline{- 40} \quad (1 \times 40) \\  99 \\  \underline{- 80} \quad (2 \times 40) \\  192 \\  \underline{- 160} \quad (4 \times 40) \\  324 \\  \underline{- 320} \quad (8 \times 40) \\  40 \\  \underline{- 40} \quad (1 \times 40) \\  03 \\  \underline{- 0} \quad (0 \times 40) \\  \text{Remainder --> } 3  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  95956 \text{ R}70 \\  76 \overline{) 7292726} \\  \underline{- 684} \quad (9 \times 76) \\  452 \\  \underline{- 380} \quad (5 \times 76) \\  727 \\  \underline{- 684} \quad (9 \times 76) \\  432 \\  \underline{- 380} \quad (5 \times 76) \\  526 \\  \underline{- 456} \quad (6 \times 76) \\  \text{Remainder --> } 70  \end{array}  $