

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

(1)

$$52 \overline{) 3227342}$$

(2)

$$21 \overline{) 7610635}$$

(3)

$$70 \overline{) 2260713}$$

(4)

$$52 \overline{) 7231813}$$

(5)

$$83 \overline{) 4265178}$$

(6)

$$80 \overline{) 9259528}$$

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} \overline{62064} \text{ R14} \\ 52 \overline{) 3227342} \\ \underline{- 312} \qquad (6 \times 52) \\ 107 \\ \underline{- 104} \qquad (2 \times 52) \\ 33 \\ \underline{- 0} \qquad (0 \times 52) \\ 334 \\ \underline{- 312} \qquad (6 \times 52) \\ 222 \\ \underline{- 208} \qquad (4 \times 52) \\ \text{Remainder --> } 14 \end{array} $	<p>(2)</p> $ \begin{array}{r} \overline{362411} \text{ R4} \\ 21 \overline{) 7610635} \\ \underline{- 63} \qquad (3 \times 21) \\ 131 \\ \underline{- 126} \qquad (6 \times 21) \\ 50 \\ \underline{- 42} \qquad (2 \times 21) \\ 86 \\ \underline{- 84} \qquad (4 \times 21) \\ 23 \\ \underline{- 21} \qquad (1 \times 21) \\ 25 \\ \underline{- 21} \qquad (1 \times 21) \\ \text{Remainder --> } 4 \end{array} $	<p>(3)</p> $ \begin{array}{r} \overline{32295} \text{ R63} \\ 70 \overline{) 2260713} \\ \underline{- 210} \qquad (3 \times 70) \\ 160 \\ \underline{- 140} \qquad (2 \times 70) \\ 207 \\ \underline{- 140} \qquad (2 \times 70) \\ 671 \\ \underline{- 630} \qquad (9 \times 70) \\ 413 \\ \underline{- 350} \qquad (5 \times 70) \\ \text{Remainder --> } 63 \end{array} $
<p>(4)</p> $ \begin{array}{r} \overline{139073} \text{ R17} \\ 52 \overline{) 7231813} \\ \underline{- 52} \qquad (1 \times 52) \\ 203 \\ \underline{- 156} \qquad (3 \times 52) \\ 471 \\ \underline{- 468} \qquad (9 \times 52) \\ 38 \\ \underline{- 0} \qquad (0 \times 52) \\ 381 \\ \underline{- 364} \qquad (7 \times 52) \\ 173 \\ \underline{- 156} \qquad (3 \times 52) \\ \text{Remainder --> } 17 \end{array} $	<p>(5)</p> $ \begin{array}{r} \overline{51387} \text{ R57} \\ 83 \overline{) 4265178} \\ \underline{- 415} \qquad (5 \times 83) \\ 115 \\ \underline{- 83} \qquad (1 \times 83) \\ 321 \\ \underline{- 249} \qquad (3 \times 83) \\ 727 \\ \underline{- 664} \qquad (8 \times 83) \\ 638 \\ \underline{- 581} \qquad (7 \times 83) \\ \text{Remainder --> } 57 \end{array} $	<p>(6)</p> $ \begin{array}{r} \overline{115744} \text{ R8} \\ 80 \overline{) 9259528} \\ \underline{- 80} \qquad (1 \times 80) \\ 125 \\ \underline{- 80} \qquad (1 \times 80) \\ 459 \\ \underline{- 400} \qquad (5 \times 80) \\ 595 \\ \underline{- 560} \qquad (7 \times 80) \\ 352 \\ \underline{- 320} \qquad (4 \times 80) \\ 328 \\ \underline{- 320} \qquad (4 \times 80) \\ \text{Remainder --> } 8 \end{array} $