

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

(1)

$$26 \overline{) 2394029}$$

(2)

$$48 \overline{) 7713316}$$

(3)

$$98 \overline{) 9369394}$$

(4)

$$64 \overline{) 9985488}$$

(5)

$$83 \overline{) 8534551}$$

(6)

$$63 \overline{) 4032808}$$

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} 92078 \text{ R1} \\ 26 \overline{) 2394029} \\ \underline{- 234} \quad (9 \times 26) \\ 54 \\ \underline{- 52} \quad (2 \times 26) \\ 20 \\ \underline{- 0} \quad (0 \times 26) \\ 202 \\ \underline{- 182} \quad (7 \times 26) \\ 209 \\ \underline{- 208} \quad (8 \times 26) \\ \text{Remainder --> } 1 \end{array} $	<p>(2)</p> $ \begin{array}{r} 160694 \text{ R4} \\ 48 \overline{) 7713316} \\ \underline{- 48} \quad (1 \times 48) \\ 291 \\ \underline{- 288} \quad (6 \times 48) \\ 33 \\ \underline{- 0} \quad (0 \times 48) \\ 333 \\ \underline{- 288} \quad (6 \times 48) \\ 451 \\ \underline{- 432} \quad (9 \times 48) \\ 196 \\ \underline{- 192} \quad (4 \times 48) \\ \text{Remainder --> } 4 \end{array} $	<p>(3)</p> $ \begin{array}{r} 95606 \text{ R6} \\ 98 \overline{) 9369394} \\ \underline{- 882} \quad (9 \times 98) \\ 549 \\ \underline{- 490} \quad (5 \times 98) \\ 593 \\ \underline{- 588} \quad (6 \times 98) \\ 59 \\ \underline{- 0} \quad (0 \times 98) \\ 594 \\ \underline{- 588} \quad (6 \times 98) \\ \text{Remainder --> } 6 \end{array} $
<p>(4)</p> $ \begin{array}{r} 156023 \text{ R16} \\ 64 \overline{) 9985488} \\ \underline{- 64} \quad (1 \times 64) \\ 358 \\ \underline{- 320} \quad (5 \times 64) \\ 385 \\ \underline{- 384} \quad (6 \times 64) \\ 14 \\ \underline{- 0} \quad (0 \times 64) \\ 148 \\ \underline{- 128} \quad (2 \times 64) \\ 208 \\ \underline{- 192} \quad (3 \times 64) \\ \text{Remainder --> } 16 \end{array} $	<p>(5)</p> $ \begin{array}{r} 102825 \text{ R76} \\ 83 \overline{) 8534551} \\ \underline{- 83} \quad (1 \times 83) \\ 23 \\ \underline{- 0} \quad (0 \times 83) \\ 234 \\ \underline{- 166} \quad (2 \times 83) \\ 685 \\ \underline{- 664} \quad (8 \times 83) \\ 215 \\ \underline{- 166} \quad (2 \times 83) \\ 491 \\ \underline{- 415} \quad (5 \times 83) \\ \text{Remainder --> } 76 \end{array} $	<p>(6)</p> $ \begin{array}{r} 64012 \text{ R52} \\ 63 \overline{) 4032808} \\ \underline{- 378} \quad (6 \times 63) \\ 252 \\ \underline{- 252} \quad (4 \times 63) \\ 08 \\ \underline{- 0} \quad (0 \times 63) \\ 80 \\ \underline{- 63} \quad (1 \times 63) \\ 178 \\ \underline{- 126} \quad (2 \times 63) \\ \text{Remainder --> } 52 \end{array} $