

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

(1)

$$37 \overline{) 9393813}$$

(2)

$$21 \overline{) 3876651}$$

(3)

$$73 \overline{) 2765178}$$

(4)

$$66 \overline{) 5379194}$$

(5)

$$30 \overline{) 7969573}$$

(6)

$$50 \overline{) 3851490}$$

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} 253886 \text{ R}31 \\ 37 \overline{) 9393813} \\ \underline{- 74} \qquad (2 \times 37) \\ 199 \\ \underline{- 185} \qquad (5 \times 37) \\ 143 \\ \underline{- 111} \qquad (3 \times 37) \\ 328 \\ \underline{- 296} \qquad (8 \times 37) \\ 321 \\ \underline{- 296} \qquad (8 \times 37) \\ 253 \\ \underline{- 222} \qquad (6 \times 37) \\ \text{Remainder -->} \quad 31 \end{array} $	<p>(2)</p> $ \begin{array}{r} 184602 \text{ R}9 \\ 21 \overline{) 3876651} \\ \underline{- 21} \qquad (1 \times 21) \\ 177 \\ \underline{- 168} \qquad (8 \times 21) \\ 96 \\ \underline{- 84} \qquad (4 \times 21) \\ 126 \\ \underline{- 126} \qquad (6 \times 21) \\ 05 \\ \underline{- 0} \qquad (0 \times 21) \\ 51 \\ \underline{- 42} \qquad (2 \times 21) \\ \text{Remainder -->} \quad 9 \end{array} $	<p>(3)</p> $ \begin{array}{r} 37879 \text{ R}11 \\ 73 \overline{) 2765178} \\ \underline{- 219} \qquad (3 \times 73) \\ 575 \\ \underline{- 511} \qquad (7 \times 73) \\ 641 \\ \underline{- 584} \qquad (8 \times 73) \\ 577 \\ \underline{- 511} \qquad (7 \times 73) \\ 668 \\ \underline{- 657} \qquad (9 \times 73) \\ \text{Remainder -->} \quad 11 \end{array} $
<p>(4)</p> $ \begin{array}{r} 81502 \text{ R}62 \\ 66 \overline{) 5379194} \\ \underline{- 528} \qquad (8 \times 66) \\ 99 \\ \underline{- 66} \qquad (1 \times 66) \\ 331 \\ \underline{- 330} \qquad (5 \times 66) \\ 19 \\ \underline{- 0} \qquad (0 \times 66) \\ 194 \\ \underline{- 132} \qquad (2 \times 66) \\ \text{Remainder -->} \quad 62 \end{array} $	<p>(5)</p> $ \begin{array}{r} 265652 \text{ R}13 \\ 30 \overline{) 7969573} \\ \underline{- 60} \qquad (2 \times 30) \\ 196 \\ \underline{- 180} \qquad (6 \times 30) \\ 169 \\ \underline{- 150} \qquad (5 \times 30) \\ 195 \\ \underline{- 180} \qquad (6 \times 30) \\ 157 \\ \underline{- 150} \qquad (5 \times 30) \\ 73 \\ \underline{- 60} \qquad (2 \times 30) \\ \text{Remainder -->} \quad 13 \end{array} $	<p>(6)</p> $ \begin{array}{r} 77029 \text{ R}40 \\ 50 \overline{) 3851490} \\ \underline{- 350} \qquad (7 \times 50) \\ 351 \\ \underline{- 350} \qquad (7 \times 50) \\ 14 \\ \underline{- 0} \qquad (0 \times 50) \\ 149 \\ \underline{- 100} \qquad (2 \times 50) \\ 490 \\ \underline{- 450} \qquad (9 \times 50) \\ \text{Remainder -->} \quad 40 \end{array} $