

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

(1)

$$80 \overline{) 4721851}$$

(2)

$$39 \overline{) 4941937}$$

(3)

$$32 \overline{) 8766179}$$

(4)

$$57 \overline{) 7462468}$$

(5)

$$37 \overline{) 4227573}$$

(6)

$$58 \overline{) 2487755}$$

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} 59023 \text{ R}11 \\ 80 \overline{) 4721851} \\ \underline{- 400} \quad (5 \times 80) \\ 721 \\ \underline{- 720} \quad (9 \times 80) \\ 18 \\ \underline{- 0} \quad (0 \times 80) \\ 185 \\ \underline{- 160} \quad (2 \times 80) \\ 251 \\ \underline{- 240} \quad (3 \times 80) \\ \text{Remainder -->} \quad 11 \end{array} $	<p>(2)</p> $ \begin{array}{r} 126716 \text{ R}13 \\ 39 \overline{) 4941937} \\ \underline{- 39} \quad (1 \times 39) \\ 104 \\ \underline{- 78} \quad (2 \times 39) \\ 261 \\ \underline{- 234} \quad (6 \times 39) \\ 279 \\ \underline{- 273} \quad (7 \times 39) \\ 63 \\ \underline{- 39} \quad (1 \times 39) \\ 247 \\ \underline{- 234} \quad (6 \times 39) \\ \text{Remainder -->} \quad 13 \end{array} $	<p>(3)</p> $ \begin{array}{r} 273943 \text{ R}3 \\ 32 \overline{) 8766179} \\ \underline{- 64} \quad (2 \times 32) \\ 236 \\ \underline{- 224} \quad (7 \times 32) \\ 126 \\ \underline{- 96} \quad (3 \times 32) \\ 301 \\ \underline{- 288} \quad (9 \times 32) \\ 137 \\ \underline{- 128} \quad (4 \times 32) \\ 99 \\ \underline{- 96} \quad (3 \times 32) \\ \text{Remainder -->} \quad 3 \end{array} $
<p>(4)</p> $ \begin{array}{r} 130920 \text{ R}28 \\ 57 \overline{) 7462468} \\ \underline{- 57} \quad (1 \times 57) \\ 176 \\ \underline{- 171} \quad (3 \times 57) \\ 52 \\ \underline{- 0} \quad (0 \times 57) \\ 524 \\ \underline{- 513} \quad (9 \times 57) \\ 116 \\ \underline{- 114} \quad (2 \times 57) \\ 28 \\ \underline{- 0} \quad (0 \times 57) \\ \text{Remainder -->} \quad 28 \end{array} $	<p>(5)</p> $ \begin{array}{r} 114258 \text{ R}27 \\ 37 \overline{) 4227573} \\ \underline{- 37} \quad (1 \times 37) \\ 52 \\ \underline{- 37} \quad (1 \times 37) \\ 157 \\ \underline{- 148} \quad (4 \times 37) \\ 95 \\ \underline{- 74} \quad (2 \times 37) \\ 217 \\ \underline{- 185} \quad (5 \times 37) \\ 323 \\ \underline{- 296} \quad (8 \times 37) \\ \text{Remainder -->} \quad 27 \end{array} $	<p>(6)</p> $ \begin{array}{r} 42892 \text{ R}19 \\ 58 \overline{) 2487755} \\ \underline{- 232} \quad (4 \times 58) \\ 167 \\ \underline{- 116} \quad (2 \times 58) \\ 517 \\ \underline{- 464} \quad (8 \times 58) \\ 535 \\ \underline{- 522} \quad (9 \times 58) \\ 135 \\ \underline{- 116} \quad (2 \times 58) \\ \text{Remainder -->} \quad 19 \end{array} $