

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

(1)

$$40 \overline{) 388920752}$$

(2)

$$38 \overline{) 332138164}$$

(3)

$$82 \overline{) 125879088}$$

(4)

$$95 \overline{) 419322641}$$

(5)

$$19 \overline{) 626114217}$$

(6)

$$86 \overline{) 424092293}$$

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} 9723018 \text{ R}32 \\ 40 \overline{) 388920752} \\ \underline{- 360} \quad (9 \times 40) \\ 289 \\ \underline{- 280} \quad (7 \times 40) \\ 92 \\ \underline{- 80} \quad (2 \times 40) \\ 120 \\ \underline{- 120} \quad (3 \times 40) \\ 07 \\ \underline{- 0} \quad (0 \times 40) \\ 75 \\ \underline{- 40} \quad (1 \times 40) \\ 352 \\ \underline{- 320} \quad (8 \times 40) \\ \text{Remainder -->} \quad 32 \end{array} $	<p>(2)</p> $ \begin{array}{r} 8740478 \text{ R}0 \\ 38 \overline{) 332138164} \\ \underline{- 304} \quad (8 \times 38) \\ 281 \\ \underline{- 266} \quad (7 \times 38) \\ 153 \\ \underline{- 152} \quad (4 \times 38) \\ 18 \\ \underline{- 0} \quad (0 \times 38) \\ 181 \\ \underline{- 152} \quad (4 \times 38) \\ 296 \\ \underline{- 266} \quad (7 \times 38) \\ 304 \\ \underline{- 304} \quad (8 \times 38) \\ \text{Remainder -->} \quad 0 \end{array} $	<p>(3)</p> $ \begin{array}{r} 1535110 \text{ R}68 \\ 82 \overline{) 125879088} \\ \underline{- 82} \quad (1 \times 82) \\ 438 \\ \underline{- 410} \quad (5 \times 82) \\ 287 \\ \underline{- 246} \quad (3 \times 82) \\ 419 \\ \underline{- 410} \quad (5 \times 82) \\ 90 \\ \underline{- 82} \quad (1 \times 82) \\ 88 \\ \underline{- 82} \quad (1 \times 82) \\ 68 \\ \underline{- 0} \quad (0 \times 82) \\ \text{Remainder -->} \quad 68 \end{array} $
<p>(4)</p> $ \begin{array}{r} 4413922 \text{ R}51 \\ 95 \overline{) 419322641} \\ \underline{- 380} \quad (4 \times 95) \\ 393 \\ \underline{- 380} \quad (4 \times 95) \\ 132 \\ \underline{- 95} \quad (1 \times 95) \\ 372 \\ \underline{- 285} \quad (3 \times 95) \\ 876 \\ \underline{- 855} \quad (9 \times 95) \\ 214 \\ \underline{- 190} \quad (2 \times 95) \\ 241 \\ \underline{- 190} \quad (2 \times 95) \\ \text{Remainder -->} \quad 51 \end{array} $	<p>(5)</p> $ \begin{array}{r} 32953379 \text{ R}16 \\ 19 \overline{) 626114217} \\ \underline{- 57} \quad (3 \times 19) \\ 56 \\ \underline{- 38} \quad (2 \times 19) \\ 181 \\ \underline{- 171} \quad (9 \times 19) \\ 101 \\ \underline{- 95} \quad (5 \times 19) \\ 64 \\ \underline{- 57} \quad (3 \times 19) \\ 72 \\ \underline{- 57} \quad (3 \times 19) \\ 151 \\ \underline{- 133} \quad (7 \times 19) \\ 187 \\ \underline{- 171} \quad (9 \times 19) \\ \text{Remainder -->} \quad 16 \end{array} $	<p>(6)</p> $ \begin{array}{r} 4931305 \text{ R}63 \\ 86 \overline{) 424092293} \\ \underline{- 344} \quad (4 \times 86) \\ 800 \\ \underline{- 774} \quad (9 \times 86) \\ 269 \\ \underline{- 258} \quad (3 \times 86) \\ 112 \\ \underline{- 86} \quad (1 \times 86) \\ 262 \\ \underline{- 258} \quad (3 \times 86) \\ 49 \\ \underline{- 0} \quad (0 \times 86) \\ 493 \\ \underline{- 430} \quad (5 \times 86) \\ \text{Remainder -->} \quad 63 \end{array} $