

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

(1)

$$73 \overline{)440870330}$$

(2)

$$80 \overline{)664747104}$$

(3)

$$60 \overline{)599571942}$$

(4)

$$74 \overline{)425217112}$$

(5)

$$44 \overline{)188260314}$$

(6)

$$40 \overline{)605847171}$$

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} 6039319 \text{ R}43 \\ 73 \overline{) 440870330} \\ \underline{- 438} \quad (6 \times 73) \\ 28 \\ \underline{- 0} \quad (0 \times 73) \\ 287 \\ \underline{- 219} \quad (3 \times 73) \\ 680 \\ \underline{- 657} \quad (9 \times 73) \\ 233 \\ \underline{- 219} \quad (3 \times 73) \\ 143 \\ \underline{- 73} \quad (1 \times 73) \\ 700 \\ \underline{- 657} \quad (9 \times 73) \\ \text{Remainder -->} \quad 43 \end{array} $	<p>(2)</p> $ \begin{array}{r} 8309338 \text{ R}64 \\ 80 \overline{) 664747104} \\ \underline{- 640} \quad (8 \times 80) \\ 247 \\ \underline{- 240} \quad (3 \times 80) \\ 74 \\ \underline{- 0} \quad (0 \times 80) \\ 747 \\ \underline{- 720} \quad (9 \times 80) \\ 271 \\ \underline{- 240} \quad (3 \times 80) \\ 310 \\ \underline{- 240} \quad (3 \times 80) \\ 704 \\ \underline{- 640} \quad (8 \times 80) \\ \text{Remainder -->} \quad 64 \end{array} $	<p>(3)</p> $ \begin{array}{r} 9992865 \text{ R}42 \\ 60 \overline{) 599571942} \\ \underline{- 540} \quad (9 \times 60) \\ 595 \\ \underline{- 540} \quad (9 \times 60) \\ 557 \\ \underline{- 540} \quad (9 \times 60) \\ 171 \\ \underline{- 120} \quad (2 \times 60) \\ 519 \\ \underline{- 480} \quad (8 \times 60) \\ 394 \\ \underline{- 360} \quad (6 \times 60) \\ 342 \\ \underline{- 300} \quad (5 \times 60) \\ \text{Remainder -->} \quad 42 \end{array} $
<p>(4)</p> $ \begin{array}{r} 5746177 \text{ R}14 \\ 74 \overline{) 425217112} \\ \underline{- 370} \quad (5 \times 74) \\ 552 \\ \underline{- 518} \quad (7 \times 74) \\ 341 \\ \underline{- 296} \quad (4 \times 74) \\ 457 \\ \underline{- 444} \quad (6 \times 74) \\ 131 \\ \underline{- 74} \quad (1 \times 74) \\ 571 \\ \underline{- 518} \quad (7 \times 74) \\ 532 \\ \underline{- 518} \quad (7 \times 74) \\ \text{Remainder -->} \quad 14 \end{array} $	<p>(5)</p> $ \begin{array}{r} 4278643 \text{ R}22 \\ 44 \overline{) 188260314} \\ \underline{- 176} \quad (4 \times 44) \\ 122 \\ \underline{- 88} \quad (2 \times 44) \\ 346 \\ \underline{- 308} \quad (7 \times 44) \\ 380 \\ \underline{- 352} \quad (8 \times 44) \\ 283 \\ \underline{- 264} \quad (6 \times 44) \\ 191 \\ \underline{- 176} \quad (4 \times 44) \\ 154 \\ \underline{- 132} \quad (3 \times 44) \\ \text{Remainder -->} \quad 22 \end{array} $	<p>(6)</p> $ \begin{array}{r} 15146179 \text{ R}11 \\ 40 \overline{) 605847171} \\ \underline{- 40} \quad (1 \times 40) \\ 205 \\ \underline{- 200} \quad (5 \times 40) \\ 58 \\ \underline{- 40} \quad (1 \times 40) \\ 184 \\ \underline{- 160} \quad (4 \times 40) \\ 247 \\ \underline{- 240} \quad (6 \times 40) \\ 71 \\ \underline{- 40} \quad (1 \times 40) \\ 317 \\ \underline{- 280} \quad (7 \times 40) \\ 371 \\ \underline{- 360} \quad (9 \times 40) \\ \text{Remainder -->} \quad 11 \end{array} $