

Name \_\_\_\_\_

Date \_\_\_\_\_

(1)

114957 | 735471705

(2)

282217 | 467959178

(3)

474567 | 641996022

Name \_\_\_\_\_

Date \_\_\_\_\_

Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

(1)

$$\begin{array}{r}
 114957 \overline{) 735471705} \\
 \underline{- 689742} \quad (6 \times 114957) \\
 457297 \\
 \underline{- 344871} \quad (3 \times 114957) \\
 1124260 \\
 \underline{- 1034613} \quad (9 \times 114957) \\
 896475 \\
 \underline{- 804699} \quad (7 \times 114957) \\
 \text{Remainder --> } 91776
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 114957 into 735471 (= 6)  
 Multiply 6 times 114957 (= 689742)  
 Subtract 689742 from 735471 (= 45729)  
 Bring down the 7

Divide 114957 into 457297 (= 3)  
 Multiply 3 times 114957 (= 344871)  
 Subtract 344871 from 457297 (= 112426)  
 Bring down the 0

Divide 114957 into 1124260 (= 9)  
 Multiply 9 times 114957 (= 1034613)  
 Subtract 1034613 from 1124260 (= 89647)  
 Bring down the 5

Divide 114957 into 896475 (= 7)  
 Multiply 7 times 114957 (= 804699)  
 Subtract 804699 from 896475 (= 91776)  
 Done. No more numbers to bring down.

(2)

$$\begin{array}{r}
 282217 \overline{) 467959178} \\
 \underline{- 282217} \quad (1 \times 282217) \\
 1857421 \\
 \underline{- 1693302} \quad (6 \times 282217) \\
 1641197 \\
 \underline{- 1411085} \quad (5 \times 282217) \\
 2301128 \\
 \underline{- 2257736} \quad (8 \times 282217) \\
 \text{Remainder --> } 43392
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 282217 into 467959 (= 1)  
 Multiply 1 times 282217 (= 282217)  
 Subtract 282217 from 467959 (= 185742)  
 Bring down the 1

Divide 282217 into 1857421 (= 6)  
 Multiply 6 times 282217 (= 1693302)  
 Subtract 1693302 from 1857421 (= 164119)  
 Bring down the 7

Divide 282217 into 1641197 (= 5)  
 Multiply 5 times 282217 (= 1411085)  
 Subtract 1411085 from 1641197 (= 230112)  
 Bring down the 8

Divide 282217 into 2301128 (= 8)  
 Multiply 8 times 282217 (= 2257736)  
 Subtract 2257736 from 2301128 (= 43392)  
 Done. No more numbers to bring down.

(3)

$$\begin{array}{r}
 474567 \overline{) 641996022} \\
 \underline{- 474567} \quad (1 \times 474567) \\
 1674290 \\
 \underline{- 1423701} \quad (3 \times 474567) \\
 2505892 \\
 \underline{- 2372835} \quad (5 \times 474567) \\
 1330572 \\
 \underline{- 949134} \quad (2 \times 474567) \\
 \text{Remainder --> } 381438
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 474567 into 641996 (= 1)  
 Multiply 1 times 474567 (= 474567)  
 Subtract 474567 from 641996 (= 167429)  
 Bring down the 0

Divide 474567 into 1674290 (= 3)  
 Multiply 3 times 474567 (= 1423701)  
 Subtract 1423701 from 1674290 (= 250589)  
 Bring down the 2

Divide 474567 into 2505892 (= 5)  
 Multiply 5 times 474567 (= 2372835)  
 Subtract 2372835 from 2505892 (= 133057)  
 Bring down the 2

Divide 474567 into 1330572 (= 2)  
 Multiply 2 times 474567 (= 949134)  
 Subtract 949134 from 1330572 (= 381438)  
 Done. No more numbers to bring down.