

Name \_\_\_\_\_

Date \_\_\_\_\_

(1)

429278 | 133384262

(2)

842142 | 917301096

(3)

604281 | 161203579

Name \_\_\_\_\_

Date \_\_\_\_\_

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

(1)

$$\begin{array}{r}
 429278 \overline{) 133384262} \\
 \underline{- 1287834} \quad (3 \times 429278) \\
 460086 \\
 \underline{- 429278} \quad (1 \times 429278) \\
 308082 \\
 \underline{- 0} \quad (0 \times 429278) \\
 \text{Remainder --> } 308082
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 429278 into 1333842 (= 3 )  
 Multiply 3 times 429278 (= 1287834 )  
 Subtract 1287834 from 1333842 (= 46008 )  
 Bring down the 6

Divide 429278 into 460086 (= 1 )  
 Multiply 1 times 429278 (= 429278 )  
 Subtract 429278 from 460086 (= 30808 )  
 Bring down the 2

Divide 429278 into 308082 (= 0 )  
 Multiply 0 times 429278 (= 0 )  
 Subtract 0 from 308082 (= 308082 )  
 Done. No more numbers to bring down.

(2)

$$\begin{array}{r}
 842142 \overline{) 917301096} \\
 \underline{- 842142} \quad (1 \times 842142) \\
 751590 \\
 \underline{- 0} \quad (0 \times 842142) \\
 7515909 \\
 \underline{- 6737136} \quad (8 \times 842142) \\
 7787736 \\
 \underline{- 7579278} \quad (9 \times 842142) \\
 \text{Remainder --> } 208458
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 842142 into 917301 (= 1 )  
 Multiply 1 times 842142 (= 842142 )  
 Subtract 842142 from 917301 (= 75159 )  
 Bring down the 0

Divide 842142 into 751590 (= 0 )  
 Multiply 0 times 842142 (= 0 )  
 Subtract 0 from 751590 (= 751590 )  
 Bring down the 9

Divide 842142 into 7515909 (= 8 )  
 Multiply 8 times 842142 (= 6737136 )  
 Subtract 6737136 from 7515909 (= 778773 )  
 Bring down the 6

Divide 842142 into 7787736 (= 9 )  
 Multiply 9 times 842142 (= 7579278 )  
 Subtract 7579278 from 7787736 (= 208458 )  
 Done. No more numbers to bring down.

(3)

$$\begin{array}{r}
 604281 \overline{) 161203579} \\
 \underline{- 1208562} \quad (2 \times 604281) \\
 4034737 \\
 \underline{- 3625686} \quad (6 \times 604281) \\
 4090519 \\
 \underline{- 3625686} \quad (6 \times 604281) \\
 \text{Remainder --> } 464833
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 604281 into 1612035 (= 2 )  
 Multiply 2 times 604281 (= 1208562 )  
 Subtract 1208562 from 1612035 (= 403473 )  
 Bring down the 7

Divide 604281 into 4034737 (= 6 )  
 Multiply 6 times 604281 (= 3625686 )  
 Subtract 3625686 from 4034737 (= 409051 )  
 Bring down the 9

Divide 604281 into 4090519 (= 6 )  
 Multiply 6 times 604281 (= 3625686 )  
 Subtract 3625686 from 4090519 (= 464833 )  
 Done. No more numbers to bring down.