

Name \_\_\_\_\_

Date \_\_\_\_\_

(1)

645952 | 325505176

(2)

475148 | 130797198

(3)

112249 | 546365628

Name \_\_\_\_\_

Date \_\_\_\_\_

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

(1)

$$\begin{array}{r}
 \phantom{645952} \overline{) 325505176} \\
 \underline{- 3229760} \quad (5 \times 645952) \\
 252917 \\
 \underline{- 0} \quad (0 \times 645952) \\
 2529176 \\
 \underline{- 1937856} \quad (3 \times 645952) \\
 \text{Remainder --> } 591320
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 645952 into 3255051 (= 5 )  
 Multiply 5 times 645952 (= 3229760 )  
 Subtract 3229760 from 3255051 (= 25291 )  
 Bring down the 7

Divide 645952 into 252917 (= 0 )  
 Multiply 0 times 645952 (= 0 )  
 Subtract 0 from 252917 (= 252917 )  
 Bring down the 6

Divide 645952 into 2529176 (= 3 )  
 Multiply 3 times 645952 (= 1937856 )  
 Subtract 1937856 from 2529176 (= 591320 )  
 Done. No more numbers to bring down.

(2)

$$\begin{array}{r}
 \phantom{475148} \overline{) 130797198} \\
 \underline{- 950296} \quad (2 \times 475148) \\
 3576759 \\
 \underline{- 3326036} \quad (7 \times 475148) \\
 2507238 \\
 \underline{- 2375740} \quad (5 \times 475148) \\
 \text{Remainder --> } 131498
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 475148 into 1307971 (= 2 )  
 Multiply 2 times 475148 (= 950296 )  
 Subtract 950296 from 1307971 (= 357675 )  
 Bring down the 9

Divide 475148 into 3576759 (= 7 )  
 Multiply 7 times 475148 (= 3326036 )  
 Subtract 3326036 from 3576759 (= 250723 )  
 Bring down the 8

Divide 475148 into 2507238 (= 5 )  
 Multiply 5 times 475148 (= 2375740 )  
 Subtract 2375740 from 2507238 (= 131498 )  
 Done. No more numbers to bring down.

(3)

$$\begin{array}{r}
 \phantom{112249} \overline{) 546365628} \\
 \underline{- 448996} \quad (4 \times 112249) \\
 973696 \\
 \underline{- 897992} \quad (8 \times 112249) \\
 757042 \\
 \underline{- 673494} \quad (6 \times 112249) \\
 835488 \\
 \underline{- 785743} \quad (7 \times 112249) \\
 \text{Remainder --> } 49745
 \end{array}$$

Remainder -->

Divide, Multiply, Subtract, Bring down, Repeat

Divide 112249 into 546365 (= 4 )  
 Multiply 4 times 112249 (= 448996 )  
 Subtract 448996 from 546365 (= 97369 )  
 Bring down the 6

Divide 112249 into 973696 (= 8 )  
 Multiply 8 times 112249 (= 897992 )  
 Subtract 897992 from 973696 (= 75704 )  
 Bring down the 2

Divide 112249 into 757042 (= 6 )  
 Multiply 6 times 112249 (= 673494 )  
 Subtract 673494 from 757042 (= 83548 )  
 Bring down the 8

Divide 112249 into 835488 (= 7 )  
 Multiply 7 times 112249 (= 785743 )  
 Subtract 785743 from 835488 (= 49745 )  
 Done. No more numbers to bring down.