

Name \_\_\_\_\_

Date \_\_\_\_\_

(1)

1216 | 355510091

(2)

8893 | 952800147

(3)

1168 | 453057195

Name \_\_\_\_\_

Date \_\_\_\_\_

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

$$\begin{array}{r}
 (1) \quad \quad \quad 292360 \text{ R}331 \\
 1216 \overline{) 355510091} \\
 \underline{- 2432} \quad (2 \times 1216) \\
 11231 \\
 \underline{- 10944} \quad (9 \times 1216) \\
 2870 \\
 \underline{- 2432} \quad (2 \times 1216) \\
 4380 \\
 \underline{- 3648} \quad (3 \times 1216) \\
 7329 \\
 \underline{- 7296} \quad (6 \times 1216) \\
 331 \\
 \underline{- 0} \quad (0 \times 1216) \\
 \text{Remainder --> } 331
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 1216 into 3555 (= 2)  
 Multiply 2 times 1216 (= 2432)  
 Subtract 2432 from 3555 (= 1123)  
 Bring down the 1

Divide 1216 into 11231 (= 9)  
 Multiply 9 times 1216 (= 10944)  
 Subtract 10944 from 11231 (= 287)  
 Bring down the 0

Divide 1216 into 2870 (= 2)  
 Multiply 2 times 1216 (= 2432)  
 Subtract 2432 from 2870 (= 438)  
 Bring down the 0

Divide 1216 into 4380 (= 3)  
 Multiply 3 times 1216 (= 3648)  
 Subtract 3648 from 4380 (= 732)  
 Bring down the 9

Divide 1216 into 7329 (= 6)  
 Multiply 6 times 1216 (= 7296)  
 Subtract 7296 from 7329 (= 33)  
 Bring down the 1

Divide 1216 into 331 (= 0)  
 Multiply 0 times 1216 (= 0)  
 Subtract 0 from 331 (= 331)  
 Done. No more numbers to bring down.

$$\begin{array}{r}
 (2) \quad \quad \quad 107140 \text{ R}4127 \\
 8893 \overline{) 952800147} \\
 \underline{- 8893} \quad (1 \times 8893) \\
 6350 \\
 \underline{- 0} \quad (0 \times 8893) \\
 63500 \\
 \underline{- 62251} \quad (7 \times 8893) \\
 12491 \\
 \underline{- 8893} \quad (1 \times 8893) \\
 35984 \\
 \underline{- 35572} \quad (4 \times 8893) \\
 4127 \\
 \underline{- 0} \quad (0 \times 8893) \\
 \text{Remainder --> } 4127
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 8893 into 9528 (= 1)  
 Multiply 1 times 8893 (= 8893)  
 Subtract 8893 from 9528 (= 635)  
 Bring down the 0

Divide 8893 into 6350 (= 0)  
 Multiply 0 times 8893 (= 0)  
 Subtract 0 from 6350 (= 6350)  
 Bring down the 0

Divide 8893 into 63500 (= 7)  
 Multiply 7 times 8893 (= 62251)  
 Subtract 62251 from 63500 (= 1249)  
 Bring down the 1

Divide 8893 into 12491 (= 1)  
 Multiply 1 times 8893 (= 8893)  
 Subtract 8893 from 12491 (= 3598)  
 Bring down the 4

Divide 8893 into 35984 (= 4)  
 Multiply 4 times 8893 (= 35572)  
 Subtract 35572 from 35984 (= 412)  
 Bring down the 7

Divide 8893 into 4127 (= 0)  
 Multiply 0 times 8893 (= 0)  
 Subtract 0 from 4127 (= 4127)  
 Done. No more numbers to bring down.

$$\begin{array}{r}
 (3) \quad \quad \quad 387891 \text{ R}507 \\
 1168 \overline{) 453057195} \\
 \underline{- 3504} \quad (3 \times 1168) \\
 10265 \\
 \underline{- 9344} \quad (8 \times 1168) \\
 9217 \\
 \underline{- 8176} \quad (7 \times 1168) \\
 10411 \\
 \underline{- 9344} \quad (8 \times 1168) \\
 10679 \\
 \underline{- 10512} \quad (9 \times 1168) \\
 1675 \\
 \underline{- 1168} \quad (1 \times 1168) \\
 \text{Remainder --> } 507
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 1168 into 4530 (= 3)  
 Multiply 3 times 1168 (= 3504)  
 Subtract 3504 from 4530 (= 1026)  
 Bring down the 5

Divide 1168 into 10265 (= 8)  
 Multiply 8 times 1168 (= 9344)  
 Subtract 9344 from 10265 (= 921)  
 Bring down the 7

Divide 1168 into 9217 (= 7)  
 Multiply 7 times 1168 (= 8176)  
 Subtract 8176 from 9217 (= 1041)  
 Bring down the 1

Divide 1168 into 10411 (= 8)  
 Multiply 8 times 1168 (= 9344)  
 Subtract 9344 from 10411 (= 1067)  
 Bring down the 9

Divide 1168 into 10679 (= 9)  
 Multiply 9 times 1168 (= 10512)  
 Subtract 10512 from 10679 (= 167)  
 Bring down the 5

Divide 1168 into 1675 (= 1)  
 Multiply 1 times 1168 (= 1168)  
 Subtract 1168 from 1675 (= 507)  
 Done. No more numbers to bring down.