

Name \_\_\_\_\_

Date \_\_\_\_\_

(1)

325898 | 475115699

(2)

933312 | 708530925

(3)

929506 | 281005979

Name \_\_\_\_\_

Date \_\_\_\_\_

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

(1)

$$\begin{array}{r}
 \phantom{325898} \overline{) 475115699} \\
 - 325898 \quad (1 \times 325898) \\
 \hline
 1492176 \\
 - 1303592 \quad (4 \times 325898) \\
 \hline
 1885849 \\
 - 1629490 \quad (5 \times 325898) \\
 \hline
 2563599 \\
 - 2281286 \quad (7 \times 325898) \\
 \hline
 \text{Remainder -->} \quad 282313
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 325898 into 475115 (= 1 )  
 Multiply 1 times 325898 (= 325898 )  
 Subtract 325898 from 475115 (= 149217 )  
 Bring down the 6

Divide 325898 into 1492176 (= 4 )  
 Multiply 4 times 325898 (= 1303592 )  
 Subtract 1303592 from 1492176 (= 188584 )  
 Bring down the 9

Divide 325898 into 1885849 (= 5 )  
 Multiply 5 times 325898 (= 1629490 )  
 Subtract 1629490 from 1885849 (= 256359 )  
 Bring down the 9

Divide 325898 into 2563599 (= 7 )  
 Multiply 7 times 325898 (= 2281286 )  
 Subtract 2281286 from 2563599 (= 282313 )  
 Done. No more numbers to bring down.

(2)

$$\begin{array}{r}
 \phantom{933312} \overline{) 708530925} \\
 - 6533184 \quad (7 \times 933312) \\
 \hline
 5521252 \\
 - 4666560 \quad (5 \times 933312) \\
 \hline
 8546925 \\
 - 8399808 \quad (9 \times 933312) \\
 \hline
 \text{Remainder -->} \quad 147117
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 933312 into 7085309 (= 7 )  
 Multiply 7 times 933312 (= 6533184 )  
 Subtract 6533184 from 7085309 (= 552125 )  
 Bring down the 2

Divide 933312 into 5521252 (= 5 )  
 Multiply 5 times 933312 (= 4666560 )  
 Subtract 4666560 from 5521252 (= 854692 )  
 Bring down the 5

Divide 933312 into 8546925 (= 9 )  
 Multiply 9 times 933312 (= 8399808 )  
 Subtract 8399808 from 8546925 (= 147117 )  
 Done. No more numbers to bring down.

(3)

$$\begin{array}{r}
 \phantom{929506} \overline{) 281005979} \\
 - 2788518 \quad (3 \times 929506) \\
 \hline
 215417 \\
 - 0 \quad (0 \times 929506) \\
 \hline
 2154179 \\
 - 1859012 \quad (2 \times 929506) \\
 \hline
 \text{Remainder -->} \quad 295167
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 929506 into 2810059 (= 3 )  
 Multiply 3 times 929506 (= 2788518 )  
 Subtract 2788518 from 2810059 (= 21541 )  
 Bring down the 7

Divide 929506 into 215417 (= 0 )  
 Multiply 0 times 929506 (= 0 )  
 Subtract 0 from 215417 (= 215417 )  
 Bring down the 9

Divide 929506 into 2154179 (= 2 )  
 Multiply 2 times 929506 (= 1859012 )  
 Subtract 1859012 from 2154179 (= 295167 )  
 Done. No more numbers to bring down.