



Classwork 5-13-2020

Today we will quick review plop – then we will review column addition! Yay!



Good morning and Hello from Mrs. Cronin!

Today is 5/13/2020

Where To Find Your Work: <https://lynncronin.weebly.com/>

Learning Objectives: Today we will quick review plop – then we will review column addition! Yay!

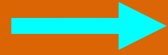
Learning Activities: PowerPoint, Quizlet

How We Communicate: lcronin@wtps.org / 856-857-7707

MA.4.NBT.B.4

Quick Review from yesterday

$$\begin{array}{r} 90 \\ \times 3 \\ \hline \end{array}$$



Plop Steps

1. Find the two "numbers" to multiply.
2. Do the multiplication.
3. Plop in the proper number of zeros. Count the number of zeros in the original problem

Solve this problem, then check your answer on the next page.

Quick Review from yesterday

$$\begin{array}{r} 90 \\ \times 3 \\ \hline \end{array}$$



9 & 3

$$9 \times 3 = 27$$

270

Plop Steps

1. Find the two "numbers" to multiply.
2. Do the multiplication.
3. Plop in the proper number of zeros. Count the number of zeros in the original problem

How about this one?

$$\begin{array}{r} 700 \\ \times 40 \\ \hline \end{array}$$



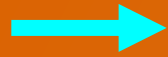
Plop Steps

1. Find the two "numbers" to multiply.
2. Do the multiplication.
3. Plop in the proper number of zeros. Count the number of zeros in the original problem

Figure out what 7 x 8 is then add the zero – then check your answer.

How about this one?

$$\begin{array}{r} 700 \\ \times 40 \\ \hline \end{array}$$



$$7 \ \& \ 4$$


$$7 \times 4 = 28$$

$$28000$$

$$28,000$$

Plop Steps

1. Find the two "numbers" to multiply.
2. Do the multiplication.
3. Plop in the proper number of zeros. Count the number of zeros in the original problem



Please let me know if you are
having trouble with that!



Today we will concentrate
on column addition.

Yay!

Column addition!

$$\begin{array}{r} 4,000 \\ + 300 \\ + 20 \\ + 3 \\ \hline \end{array}$$

1,000's 100's 10's 1's

Remember column addition?

Write all the numbers that you are adding in a very neat column making sure that you keep them lined up in their place value positions.

Column addition!

$$\begin{array}{r} 4,000 \\ + 300 \\ + 20 \\ + 3 \\ \hline \end{array}$$

1,000's 100's 10's 1's

I always draw all of the lines so that I don't mess up the columns!

Column addition!

$$\begin{array}{r} 4,000 \\ 300 \\ 20 \\ + 3 \\ \hline \end{array}$$

1,000's 100's 10's 1's

Start with the
one's column.

Add all
those numbers.

Column addition!

4,000			
	300		
		20	
			3
+			
<hr/>			
			3
1,000's	100's	10's	1's

Go to the
ten's column.

Add those numbers.

Column addition!

	4,000			
		300		
			20	
				3
+	<hr/>			
			23	
	1,000's	100's	10's	1's

Go to the
next column.

Add those numbers.

Column addition!

	4,000			
		300		
			20	
				3
+				
<hr/>				
		3	2	3
	1,000's	100's	10's	1's

Go to the
next column.

Add those numbers.

Column addition!

4	0	0	0
	3	0	0
		2	0
+			3
<hr/>			
4	3	2	3
1,000's	100's	10's	1's

Finally, when the number is completely written, add the comma.

Column addition!

4	0	0	0
	3	0	0
		2	0
+			3
<hr/>			
4	3	2	3
1,000's	100's	10's	1's

Finally, when the number is completely written, add the comma.

Column addition!

$$\begin{array}{r} 4,000 \\ 300 \\ 20 \\ + 3 \\ \hline 4,323 \end{array}$$

1,000's 100's 10's 1's

The rules:

Add the one's column, then the ten's column, then the hundred's column, and keep going as long as there is another column to add.

Try this one!

6,000			
	800		
		10	
			7
+			
<hr/>			

1,000's 100's 10's 1's

The rules:

Add the one's column, then the ten's column, then the hundred's column, and keep going as long as there is another column to add.

Complete the entire problem then check it.

Try this one!

6,000			
	800		
		10	
+			7
<hr/>			
6,817			
1,000's	100's	10's	1's

The rules:

Add the one's column, then the ten's column, then the hundred's column, and keep going as long as there is another column to add.

Try this one!

8,000			
	520		
		13	
+			2
<hr/>			

1,000's 100's 10's 1's

The rules:

Add the one's column, then the ten's column, then the hundred's column, and keep going as long as there is another column to add.

Complete the entire problem then check it.

Try this one!

8,000			
	520		
		13	
+			2
<hr/>			
8,535			
1,000's	100's	10's	1's

The rules:

Add the one's column, then the ten's column, then the hundred's column, and keep going as long as there is another column to add.

Try this one!

4,022			
	753		
		11	
			2
+			
<hr/>			

1,000's 100's 10's 1's

The rules:

Add the one's column, then the ten's column, then the hundred's column, and keep going as long as there is another column to add.

Complete the entire problem then check it.

Try this one!

4	0	2	2
	7	5	3
		1	1
+			2
<hr/>			
4	7	8	8
1,000's	100's	10's	1's

The rules:

Add the one's column, then the ten's column, then the hundred's column, and keep going as long as there is another column to add.

Try this one!

9	3	1	5
	1	4	2
		2	1
+			1
<hr/>			

1,000's 100's 10's 1's

The rules:

Add the one's column, then the ten's column, then the hundred's column, and keep going as long as there is another column to add.

Try this one!

9	3	1	5
	1	4	2
		2	1
+			1
<hr/>			
9	4	7	9
1,000's	100's	10's	1's

The rules:

Add the one's column, then the ten's column, then the hundred's column, and keep going as long as there is another column to add.

Do you remember how to carry?

$$\begin{array}{r} 1,331 \\ 216 \\ 42 \\ + 4 \\ \hline \end{array}$$

1,000's 100's 10's 1's

If any column adds up to more than ten you must carry the larger digit into the next column.

Do you remember how to carry?

$$\begin{array}{r} 1,331 \\ + 216 \\ + 42 \\ + 4 \\ \hline 3 \end{array}$$

1,000's 100's 10's 1's

The rules:

The ones column
adds up to 13.

Since you can't put two
digits in a single place
value, you must "carry" the
ten to the next column.

I always write the "carried"
number on a slant so I will
remember it!

Finish this problem then
check it on the next page.

Do you remember how to carry?

$$\begin{array}{r} \overset{1}{1,331} \\ 216 \\ 42 \\ + 4 \\ \hline 1,593 \end{array}$$

1,000's 100's 10's 1's

How did you do?

Did you get it?

Do you remember how to carry?

A vertical addition problem is shown on a grid with four columns representing place values: 1,000's, 100's, 10's, and 1's. The numbers are stacked as follows:

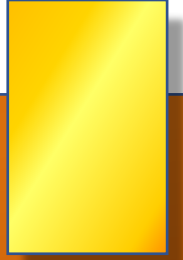
	1,000's	100's	10's	1's
	8	4	5	3
		3	8	2
			1	1
+				3
<hr/>				

A small number '1' is written above the 100's column, indicating a carry from the 10's column. The numbers are colored: 8, 4, 5, 3, 3, 8, 2, 1, 1, 3 are blue, and the plus sign is red.

Try this one – don't forget to write your carried number on a slant so that you remember it!

Complete this problem
then check your answer.

Do you remember how to carry?



$$\begin{array}{r} \overset{1}{8,453} \\ 382 \\ 11 \\ + 3 \\ \hline 8,849 \end{array}$$

1,000's 100's 10's 1's

Try this one – don't forget to write your carried number on a slant so that you remember it!



Please complete these 5 problems
then send me the answers!

1. Add these numbers

$$\begin{array}{r} 7,132 \\ 841 \\ 24 \\ + 2 \\ \hline \end{array}$$

1,000's 100's 10's 1's

Try this one – don't forget to write your carried number on a slant so that you remember it!

2. Add these numbers

$$\begin{array}{r} 3,416 \\ 328 \\ 34 \\ + 3 \\ \hline \end{array}$$

1,000's 100's 10's 1's

Try this one – don't forget to write your carried number on a slant so that you remember it!

3. Add these numbers

5	4	8	3
	3	2	2
		3	1
+			3
<hr/>			

1,000's 100's 10's 1's

Try this one – don't forget to write your carried number on a slant so that you remember it!

4. Add these numbers

$$\begin{array}{r} 8,746 \\ 163 \\ 84 \\ + 1 \\ \hline \end{array}$$

1,000's 100's 10's 1's

Try this one – don't forget to write your carried number on a slant so that you remember it!

5. Multiply 300 x 70

Plop Steps

1. Find the two “numbers” to multiply.
2. Do the multiplication.
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Count the number of zeros in the original problem



**Write down the answers
and send me a picture!**

then work on Quizlet:

<https://quizlet.com/507264008/multiplication-week-of-may-11-to-15-flash-cards/>

**Please also complete
10 minutes of First-In-Math!**