



# Classwork 5-20-2020

We are going to practice column addition and split multiplication for the next two days – then take four days off!!



Good morning and Hello from Mrs. Cronin!  
**Today is 5/20/2020**

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

**Learning Objectives:** We are going to practice column addition and split multiplication for the next two days – then take four days off!!

**Learning Activities:** PowerPoint, Quizlet, FIM

**How We Communicate:** [lcronin@wtps.org](mailto:lcronin@wtps.org) / 856-857-7707

MA.4.OA.A

We started with this last week, but we needed to review column addition and PLOP first. Let's review!

$$\begin{array}{r} 72 \\ \times 3 \\ \hline \end{array}$$



Try this one! You can check your work on the next page

First split the larger number into tens and ones

$$\begin{array}{r} 72 \\ \times 3 \\ \hline \end{array} \rightarrow 70 + 2$$

Then multiply both by 3

$$\begin{array}{r} 72 \\ \times 3 \\ \hline \end{array} \rightarrow \begin{array}{r} 70 \\ \times 3 \\ \hline \end{array} + \begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

Then add the answer together

$$\begin{array}{r} 72 \\ \times 3 \\ \hline \end{array} \rightarrow \begin{array}{r} 70 \\ \times 3 \\ \hline 210 \end{array} + \begin{array}{r} 2 \\ \times 3 \\ \hline 6 \end{array}$$

Then add the answer together

$$\begin{array}{r} 72 \\ \times 3 \\ \hline \end{array} \rightarrow \begin{array}{r} 70 \\ \times 3 \\ \hline 210 \end{array} + \begin{array}{r} 2 \\ \times 3 \\ \hline 6 \end{array}$$

$$210 + 6 = 216$$

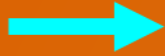


Do you remember?  
This is fun!  
Let's try another one!



Complete this problem then check the next page.

$$\begin{array}{r} 825 \\ \times 6 \\ \hline \end{array}$$



This one has digits in the one's, ten's and hundred's places.

We will need to split it into three problems.

# What is $825 \times 6$ ?

$$\begin{array}{r} 825 \\ \times 6 \\ \hline \end{array} \rightarrow \begin{array}{r} 800 \\ \times 6 \\ \hline \end{array} + \begin{array}{r} 20 \\ \times 6 \\ \hline \end{array} + \begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

Sometimes I forget to use "Plop" but since  $8 \times 6 = 48$  - I just use 48 and plop in a zero! 480

What is  $825 \times 6$ ?

$$\begin{array}{r} 825 \\ \times 6 \\ \hline \end{array} \rightarrow \begin{array}{r} 800 \\ \times 6 \\ \hline \end{array} + \begin{array}{r} 20 \\ \times 6 \\ \hline \end{array} + \begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

What is  $825 \times 6$ ?

$$\begin{array}{r} 825 \\ \times 6 \\ \hline \end{array} \rightarrow \begin{array}{r} 800 \\ \times 6 \\ \hline 4800 \end{array} + \begin{array}{r} 20 \\ \times 6 \\ \hline 120 \end{array} + \begin{array}{r} 5 \\ \times 6 \\ \hline 30 \end{array}$$

# What is $825 \times 6$ ?

$$\begin{array}{r} 825 \\ \times 6 \\ \hline \end{array}$$



$$\begin{array}{r} 800 \\ \times 6 \\ \hline 4800 \end{array}$$

+

$$\begin{array}{r} 20 \\ \times 6 \\ \hline 120 \end{array}$$

+

$$\begin{array}{r} 5 \\ \times 6 \\ \hline 30 \end{array}$$

This is why we reviewed column addition! Don't forget the comma!

$$\begin{array}{r} 4800 \\ + 120 \\ + 30 \\ \hline \end{array}$$

Remember PLOP to find the answers,  
then add them all up.

$$\begin{array}{r} 825 \\ \times 6 \\ \hline \end{array}$$

**Yowza! You just  
multiplied**

$$825 \times 6 = 4,950$$

**Kiss your brain!!**

Let's try another one!

$$\begin{array}{r} 962 \\ \times 9 \\ \hline \end{array}$$



It looks hard, but you can do it!

Create three new problems then add 'em up.

$$962 \times 9 = ?$$

$$\begin{array}{r} 962 \\ \times 9 \\ \hline \end{array} \rightarrow \begin{array}{r} 900 \\ \times 9 \\ \hline \end{array} + \begin{array}{r} 60 \\ \times 9 \\ \hline \end{array} + \begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$$

16 Complete this problem then check the next page to check your answer.



$$962 \times 9 = ?$$

$$\begin{array}{r} 962 \\ \times 9 \\ \hline \end{array} \quad \rightarrow \quad \begin{array}{r} 900 \\ \times 9 \\ \hline 8100 \end{array} + \begin{array}{r} 60 \\ \times 9 \\ \hline 540 \end{array} + \begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$$

17 Complete this problem then check the next page to check your answer.

$$962 \times 9 = ?$$

$$\begin{array}{r} 962 \\ \times 9 \\ \hline \end{array}$$



$$\begin{array}{r} 900 \\ \times 9 \\ \hline 8100 \end{array}$$

+

$$\begin{array}{r} 60 \\ \times 9 \\ \hline 540 \end{array}$$

+

$$\begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 8100 \\ + 540 \\ + 18 \\ \hline 8,658 \end{array}$$

Let's try another one!

$$\begin{array}{r} 786 \\ \times 7 \\ \hline \end{array}$$



It looks hard, but you can do it!

Create three new problems then add 'em up.

Let's try another one!

$$\begin{array}{r} 786 \\ \times 7 \\ \hline \end{array} \quad \rightarrow \quad \begin{array}{r} 700 \\ \times 7 \\ \hline \end{array} + \begin{array}{r} 80 \\ \times 7 \\ \hline \end{array} + \begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

Let's try another one!

$$\begin{array}{r} 786 \\ \times 7 \\ \hline \end{array} \quad \rightarrow \quad \begin{array}{r} 700 \\ \times 7 \\ \hline 4900 \end{array} + \begin{array}{r} 80 \\ \times 7 \\ \hline 560 \end{array} + \begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$$

Let's try another one!

$$\begin{array}{r} 786 \\ \times 7 \\ \hline \end{array}$$



$$\begin{array}{r} 700 \\ \times 7 \\ \hline 4900 \end{array}$$

+

$$\begin{array}{r} 80 \\ \times 7 \\ \hline 560 \end{array}$$

+

$$\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$$

$$\begin{array}{r} 11 \\ 4900 \\ + 560 \\ + 42 \\ \hline 5,502 \end{array}$$



Please complete these 5 problems  
then send me the answers!

# 1. Solve

$$\begin{array}{r} 78 \\ \times 6 \\ \hline \end{array}$$





## 2. Solve.

$$\begin{array}{r} 82 \\ \times 4 \\ \hline \end{array}$$



### 3. Solve.

$$\begin{array}{r} 99 \\ \times 9 \\ \hline \end{array}$$



# 4. Solve.

$$\begin{array}{r} 283 \\ \times 6 \\ \hline \end{array}$$



# 5. Solve.

$$\begin{array}{r} 243 \\ \times 5 \\ \hline \end{array}$$





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

**then work on Quizlet:**

<https://quizlet.com/508399429/week-of-may-18-flash-cards/>

**Then 10 minutes of First-In-Math!**