



Classwork 5-21-2020

Uno Más! (Spanish for “one more”) which means – one more day then we are on a 4-day Memorial Day Weekend!

Whoooo Hoooo! This is the unofficial start of summer!!



Good morning and Hello from Mrs. Cronin!
Today is 5/21/2020

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

Learning Objectives: We are going to practice split multiplication today – then I'll give you 4 days off!!

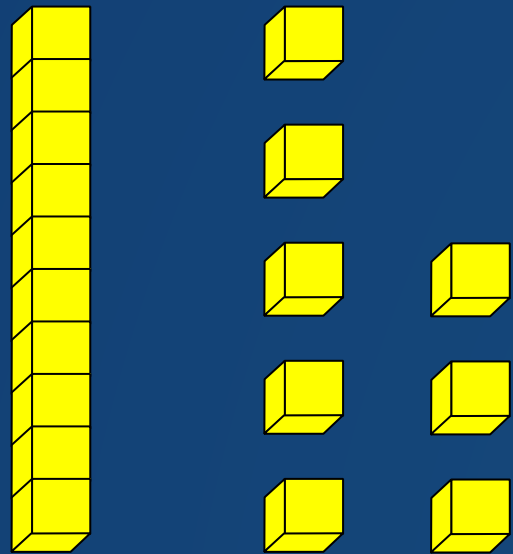
Learning Activities: PowerPoint, Quizlet, FIM

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

MA.5.OA.A

Let's start the countdown!

Today we have been in school for 162 days, so we have 18 days left!



1

8

It's that time
of year!

The
countdown
begins!



Enough goofing around!

Let's Get to work!

$$362 \times 3 =$$

$$\begin{array}{r} 362 \\ \times 3 \\ \hline \end{array}$$



We will do a couple practice problems then 5 homework problems.

Then we will quit for the day and have a fabulous weekend!!

$$362 \times 3 =$$

$$\begin{array}{r} 362 \\ \times 3 \\ \hline \end{array}$$



As soon as I look at this problem, I automatically estimate it!

That's because I know that $300 \times 3 = 900$ and 60×3 is 180 (close to 200) so I know we will end up at around 1,100

Let's see how close I am!

362 x 3 =

$$\begin{array}{r} 362 \\ \times 3 \\ \hline \end{array}$$



$$\begin{array}{r} 300 \\ \times 3 \\ \hline 900 \end{array}$$

+

$$\begin{array}{r} 60 \\ \times 3 \\ \hline 180 \end{array}$$

+

$$\begin{array}{r} 2 \\ \times 3 \\ \hline 6 \end{array}$$

362 x 3 =

$$\begin{array}{r} 362 \\ \times 3 \\ \hline \end{array}$$



$$\begin{array}{r} 300 \\ \times 3 \\ \hline 900 \end{array}$$

+

$$\begin{array}{r} 60 \\ \times 3 \\ \hline 180 \end{array}$$

+

$$\begin{array}{r} 2 \\ \times 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 1 \\ 900 \\ + 180 \\ + 6 \\ \hline 1,086 \end{array}$$

362 x 3 =

$$\begin{array}{r} 362 \\ \times 3 \\ \hline \end{array}$$



$$\begin{array}{r} 300 \\ \times 3 \\ \hline 900 \end{array}$$

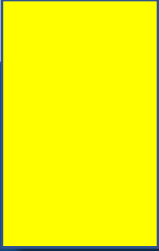
+

$$\begin{array}{r} 60 \\ \times 3 \\ \hline 180 \end{array}$$

+

$$\begin{array}{r} 2 \\ \times 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 1 \\ 900 \\ + 180 \\ + 6 \\ \hline 1,086 \end{array}$$


$$362 \times 3 = 1,086$$

I estimated 1,100.
Is that estimate close?



One of the reasons that I teach this is that you can do it in your head if you practice enough.

I want you to estimate the next couple of problems.

Or if you can, complete the problem in your head!

$$531 \times 4 =$$

$$\begin{array}{r} 531 \\ \times 4 \\ \hline \end{array} \rightarrow$$

Estimate this problem
then turn the page to check your answers.

$$531 \times 4 =$$

$$\begin{array}{r} 531 \\ \times 4 \\ \hline \end{array} \rightarrow$$

To estimate this problem I first look at the hundreds and what is being multiplied.

5 hundred times 4 is 2,000.

Then I look at the other digit in the number – 31 – well that's about 120 so my estimate is 2120.

531 x 4 =

$$\begin{array}{r} 531 \\ \times 4 \\ \hline \end{array}$$



$$\begin{array}{r} 500 \\ \times 4 \\ \hline 2000 \end{array}$$

+

$$\begin{array}{r} 30 \\ \times 4 \\ \hline 120 \end{array}$$

+

$$\begin{array}{r} 1 \\ \times 4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 2000 \\ + 120 \\ + 4 \\ \hline 2,124 \end{array}$$

My estimate: 2,120
Is that close enough?

Uno Más (one more)

$$\begin{array}{r} 493 \\ \times 7 \\ \hline \end{array} \rightarrow$$

Estimate this problem!

Uno Más (one more)

$$\begin{array}{r} 493 \\ \times 7 \\ \hline \end{array}$$



This estimate is a little different. Last time I rounded down then added up to estimate, this time I will round up before I estimate.

493 is really close to 500.

$500 \times 7 = 3500$.
So I will estimate 3,500.

But since I rounded the numbers up, I know that my estimate will be high.

Uno Más (one more)

$$\begin{array}{r} 493 \\ \times 7 \\ \hline \end{array}$$



$$\begin{array}{r} 400 \\ \times 7 \\ \hline 2800 \end{array}$$

+

$$\begin{array}{r} 90 \\ \times 7 \\ \hline 630 \end{array}$$

+

$$\begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array}$$

My estimate: 3,500
Is that close enough?

$$\begin{array}{r} 1 \\ 2800 \\ + 630 \\ + 21 \\ \hline 3,451 \end{array}$$

It's a 4-day
weekend

4

Please complete these ~~5~~ problems
then send me the answers!

Gee - do you
think I am
excited about a
long weekend?

1. Estimate then solve.

$$\begin{array}{r} 213 \\ \times 8 \\ \hline \end{array} \rightarrow$$

2. Estimate then solve.

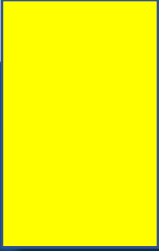
$$\begin{array}{r} 987 \\ \times 4 \\ \hline \end{array} \rightarrow$$

3. Estimate then solve.

$$\begin{array}{r} 621 \\ \times 9 \\ \hline \end{array} \rightarrow$$

4. Estimate then solve.

$$\begin{array}{r} 518 \\ \times 2 \\ \hline \end{array} \rightarrow$$



**Take your Quizlet Quiz and send it to me
with your homework answers.**

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

**Then have a great long, long,
long weekend!**