



Classwork 5-27-2020

Today we will work on traditional multiplication, but we are going to kick it up a notch!



Good morning and Hello from Mrs. Cronin!

Today is 5/27/2020

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

Learning Objectives: Today we will work on traditional multiplication, but we are going to kick it up a notch!

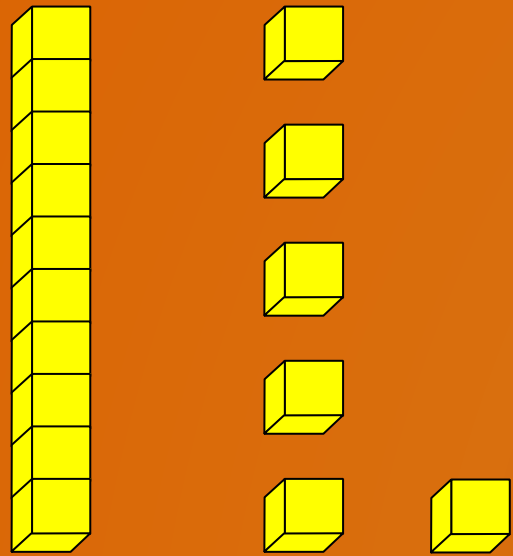
Learning Activities: PowerPoint, Quizlet, FIM

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

MA.3.OA.C, MA.3.OA.C.7 - MA.4.OA.A - MA.5.NBT.A

Let's start the countdown!

Today we have been in school for
164 days, so we have 16 days left!



1

6

It's that time
of year!

The
countdown
begins!



**Today we will
review our work
from yesterday then
add carrying!**


$$43 \times 2 =$$

$$\begin{array}{r} 43 \\ \times 2 \\ \hline \end{array}$$

Traditional multiplication does exactly what we have been doing, but it does it in one step.

You no longer need to split the factor.

Complete this problem then check your work on the next page


$$43 \times 2 =$$

$$\begin{array}{r} 43 \\ \times 2 \\ \hline 86 \end{array}$$

Traditional multiplication does exactly what we have been doing, but it does it in one step.

You no longer need to split the factor.


$$83 \times 3 =$$

$$\begin{array}{r} 83 \\ \times 3 \\ \hline \end{array}$$

Traditional multiplication does exactly what we have been doing, but it does it in one step.

You no longer need to split the factor.

Complete this problem then check your work on the next page


$$83 \times 3 =$$

$$\begin{array}{r} 83 \\ \times 3 \\ \hline 249 \end{array}$$

Traditional multiplication does exactly what we have been doing, but it does it in one step.

You no longer need to split the factor.

Head's up – new idea!!!

$$\begin{array}{r} 86 \\ \times 2 \\ \hline \end{array}$$

When you complete the multiplication 2×6 you end up with 12!

What do you think you will do with the 1?

Hint: you did it with addition

Head's up – new idea!!!

$$\begin{array}{r} 1 \\ 86 \\ \times 2 \\ \hline 2 \end{array}$$

$$6 \times 2 = 12$$

the 2 goes beneath the line in the one's place and the one hangs above the digit in the ten's place on the top number.

Next you complete the multiplication of $8 \times 2 = 16$ then add the 1 (so 16 becomes 17)

Did you remember?

When you add you do something called **carrying!**

You do the same thing here and you also still add that number!

Notice that I still put it on an angle.

$$47 \times 6 =$$

$$\begin{array}{r} 47 \\ \times 6 \\ \hline \end{array}$$

Multiply the 6 times the 7 in the one's place.

Carry the ten's digit in that answer.

Multiply the 6 times the 4 in the ten's place and add the carried digit.

Complete this problem then check your work on the next page

$$47 \times 6 =$$

$$\begin{array}{r} 4 \\ 47 \\ \times 6 \\ \hline 2 \end{array}$$

$$6 \times 7 = 42$$

The 2 went in the one's place beneath the problem.

The 4 carried above the ten's place digit.

Now I will multiply the next digits (6×4) and add the hanging 4.

Multiply the 6 times the 7 in the one's place.

Carry the ten's digit in that answer.

Multiply the 6 times the 4 in the ten's place and add the carried digit.

Complete this problem then check your work on the next page

$$47 \times 6 =$$

$$\begin{array}{r} 4 \\ 47 \\ \times 6 \\ \hline 282 \end{array}$$

$$6 \times 7 = 42$$

The 2 went in the one's place beneath the problem.

The 4 carried above the ten's place digit.

Now I will multiply the next digits (6×4) and add the hanging 4.

Multiply the 6 times the 7 in the one's place.

Carry the ten's digit in that answer.

Multiply the 6 times the 4 in the ten's place and add the carried digit.


$$98 \times 5 = ?$$

$$\begin{array}{r} 98 \\ \times 5 \\ \hline \end{array}$$

Multiply the 5 times the 8
in the one's place.

Carry the ten's digit in
that answer.

Multiply the 5 times the 9
in the ten's place and
add the carried digit.

Complete this problem then check your work on the next page

$$98 \times 5 = ?$$

$$\begin{array}{r} 4 \\ 98 \\ \times 5 \\ \hline 490 \end{array}$$

Did you notice that the answer ends in a zero because when you multiply by 5 the answer always ends in a 5 or a 0

Multiply the 5 times the 8 in the one's place.

Carry the ten's digit in that answer.

Multiply the 5 times the 9 in the ten's place and add the carried digit.


$$37 \times 6 = ?$$

$$\begin{array}{r} 37 \\ \times 6 \\ \hline \end{array}$$

Multiply the 6 times the 7 in the one's place.

Carry the ten's digit in that answer.

Multiply the 6 times the 3 in the ten's place and add the carried digit.

Complete this problem then check your work on the next page


$$37 \times 6 = ?$$

$$\begin{array}{r} 4 \\ 37 \\ \times 6 \\ \hline 222 \end{array}$$

Multiply the 6 times the 7 in the one's place.

Carry the ten's digit in that answer.

Multiply the 6 times the 3 in the ten's place and add the carried digit.


$$83 \times 9 = ?$$

$$\begin{array}{r} 83 \\ \times 9 \\ \hline \end{array}$$

Multiply the 6 times the 7
in the one's place.

Carry the ten's digit in
that answer.

Multiply the 6 times the 3
in the ten's place and
add the carried digit.

Complete this problem then check your work on the next page

$$83 \times 9 = ?$$

$$\begin{array}{r} 2 \\ 83 \\ \times 9 \\ \hline 747 \end{array}$$

Multiply the 6 times the 7
in the one's place.

Carry the ten's digit in
that answer.

Multiply the 6 times the 3
in the ten's place and
add the carried digit.



Please complete these 5 problems
then send me the answers!

1. Solve.

$$\begin{array}{r} 84 \\ \times 6 \\ \hline \end{array}$$

Multiply the 6 times the 7 in the one's place.

Carry the ten's digit in that answer.

Multiply the 6 times the 3 in the ten's place and add the carried digit.

2. Solve.

$$\begin{array}{r} 37 \\ \times 3 \\ \hline \end{array}$$

Multiply the 6 times the 7 in the one's place.

Carry the ten's digit in that answer.

Multiply the 6 times the 3 in the ten's place and add the carried digit.

3. Solve.

$$\begin{array}{r} 42 \\ \times 8 \\ \hline \end{array}$$

Multiply the 6 times the 7
in the one's place.

Carry the ten's digit in
that answer.

Multiply the 6 times the 3
in the ten's place and
add the carried digit.

4. Solve.

$$\begin{array}{r} 91 \\ \times 4 \\ \hline \end{array}$$

Multiply the 6 times the 7 in the one's place.

Carry the ten's digit in that answer.

Multiply the 6 times the 3 in the ten's place and add the carried digit.

5. Solve.

$$\begin{array}{r} 18 \\ \times 6 \\ \hline \end{array}$$

Multiply the 6 times the 7 in the one's place.

Carry the ten's digit in that answer.

Multiply the 6 times the 3 in the ten's place and add the carried digit.



Then work on this week's Quizlet

https://quizlet.com/_8fgu9m?x=1qqt&i=2qrr7s

Then spend 10 minutes on First-In-Math