Classwork 6-8-2020

This week we will practice multiplication.

Good morning and Hello from Mrs. Cronin!
Today is 6/8/2020

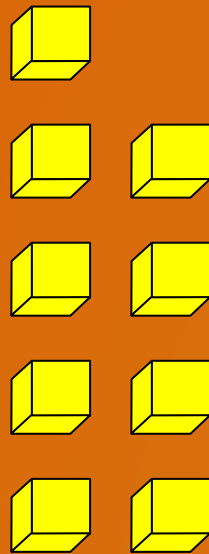**Where To Find Your Work:** https://lynncronin.weebly.com/

Learning Objectives: This week we will practice multiplication.

Learning Activities: PowerPoint, ~~Quizlet~~, ~~FIM~~

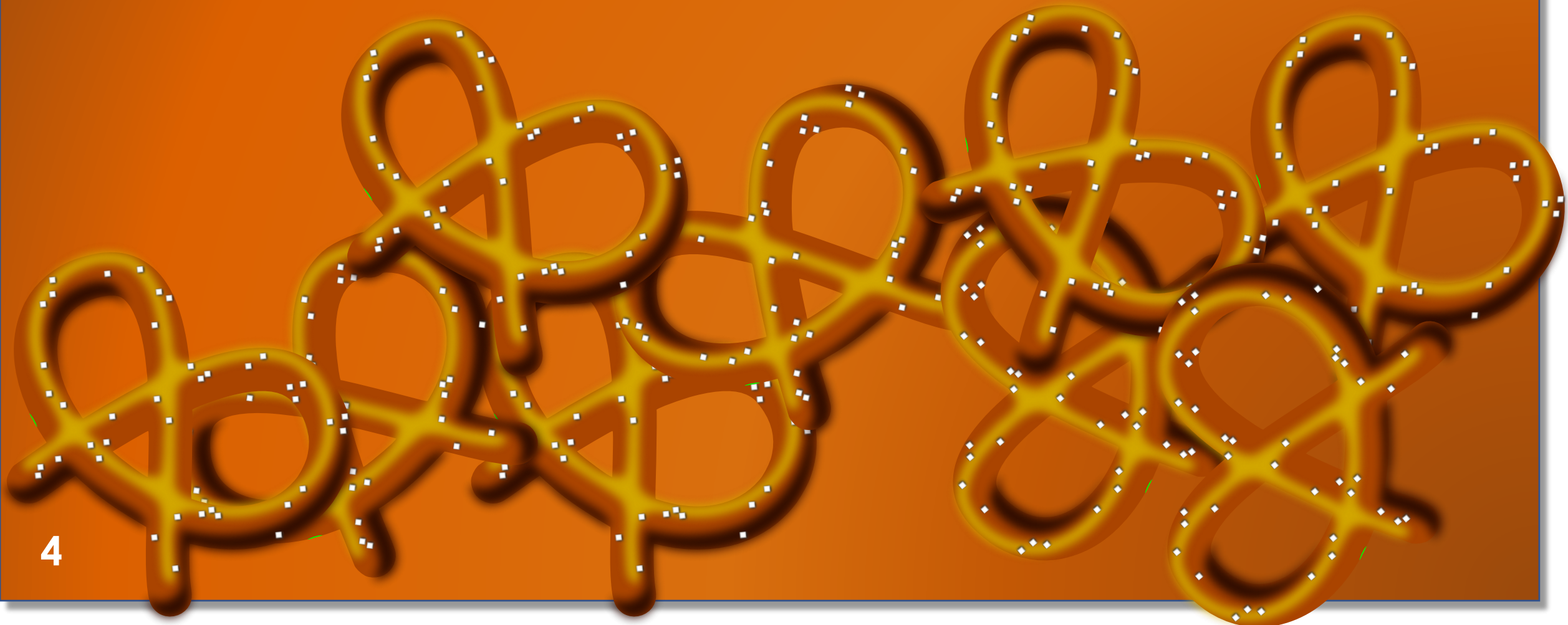**How We Communicate:** lcronin@wtps.org / 856-857-7707

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

Today we have been in school for 171 days, so we have 9 days left!

9

3

But first, a snack!

4

I really miss you!

5

Let' get to work!

27
x 31

1. Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.

2. Plop a zero into the one's place of your second "answer line"

3. Multiply again, the same way, but starting with the ten's digit on the second row.

4. Finally, add the two rows together.

Complete step 1 then check your work on the next page

27 x 31 = ?

$$27$$
$$\underline{x\ 31}$$
$$27 \quad \longleftarrow \text{Step 1}$$

1. Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.

2. Plop a zero into the one's place of your second "answer line"

3. Multiply again, the same way, but starting with the ten's digit on the second row.

4. Finally, add the two rows together.

27 x 31 = ?

$$27$$
$$\times\ 31$$
$$\overline{}$$
$$27$$

$$0 \quad \longleftarrow \text{Step 2}$$

1. Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.

2. Plop a zero into the one's place of your second "answer line"

3. Multiply again, the same way, but starting with the ten's digit on the second row.

4. Finally, add the two rows together.

27 x 31 = ?

2
27
x 31
___
27

810 ⬅ **Step 3** don't forget – carry any ten's digits and add the carry to the next answer.

1. Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.

2. Plop a zero into the one's place of your second "answer line"

3. Multiply again, the same way, but starting with the ten's digit on the second row.

4. Finally, add the two rows together.

Complete step 4 then check your work on the next page

27 x 31 = ?

$$2$$

$$\begin{array}{r} 27 \\ \times\ 31 \\ \hline 27 \\ +\ 810 \\ \hline 837 \end{array}$$

← **Step 4** add the rows

1. **Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.**

2. **Plop a zero into the one's place of your second "answer line"**

3. **Multiply again, the same way, but starting with the ten's digit on the second row.**

4. **Finally, add the two rows together.**

Nice job! Have a pretzel!

Another one!

32
x 84

1. Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.

2. Plop a zero into the one's place of your second "answer line"

3. Multiply again, the same way, but starting with the ten's digit on the second row.

4. Finally, add the two rows together.

Complete step 1 then check your work on the next page

32 x 84 = ?

$$32$$
$$\times\ 84$$
$$\overline{}$$
$$128 \quad \longleftarrow \text{ Step 1}$$

1. Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.

2. Plop a zero into the one's place of your second "answer line"

3. Multiply again, the same way, but starting with the ten's digit on the second row.

4. Finally, add the two rows together.

13   <u>Complete step 2 then check your work on the next page</u>

32 x 84 = ?

$$32$$
$$\underline{x\ 84}$$
$$128$$
$$0 \longleftarrow \text{Step 2}$$

1. Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.

2. Plop a zero into the one's place of your second "answer line"

3. Multiply again, the same way, but starting with the ten's digit on the second row.

4. Finally, add the two rows together.

Complete step 3 then check your work on the next page

32 x 84 = ?

1

$$\begin{array}{r} 32 \\ \times\ 84 \\ \hline 128 \\ +\ 2560 \\ \hline 2{,}688 \end{array}$$

← **Step 4** add a comma

1. Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.

2. Plop a zero into the one's place of your second "answer line"

3. Multiply again, the same way, but starting with the ten's digit on the second row.
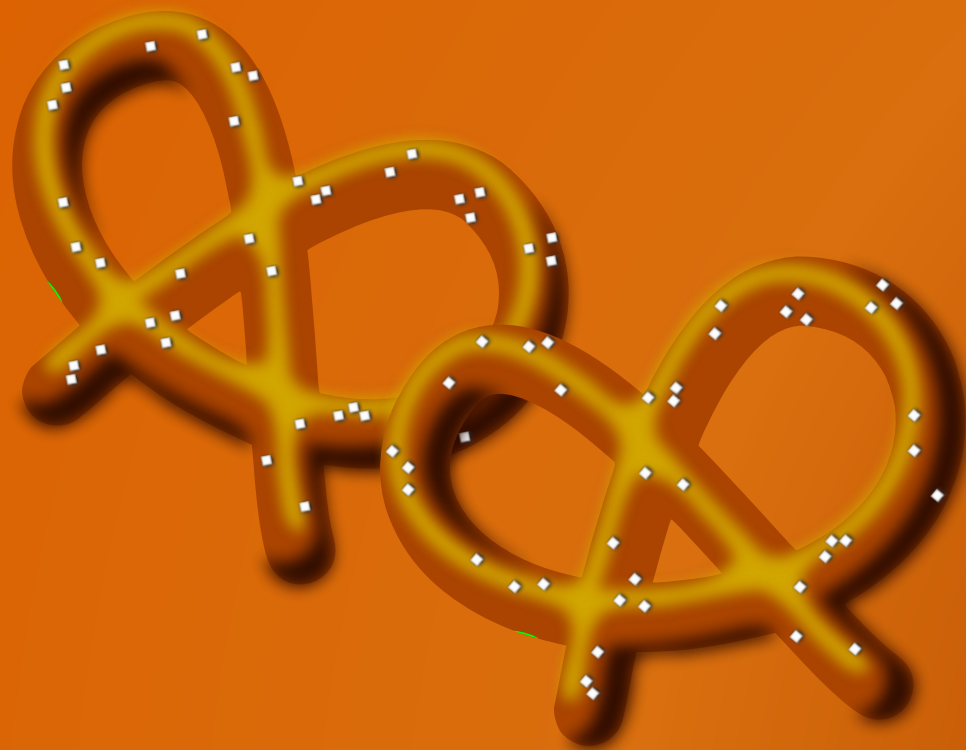
4. Finally, add the two rows together.

16

You are amazing! Have 2!

86 x 91 = ?

86
x 91
——

1. Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.

2. Plop a zero into the one's place of your second "answer line"

3. Multiply again, the same way, but starting with the ten's digit on the second row.

4. Finally, add the two rows together.

Complete step 1 then check your work on the next page

86 x 91 = ?

$$\begin{array}{r} \overset{\times}{}86 \\ \times\,91 \\ \hline 86 \end{array}$$

⟵ Step 1

When I used the carried 1 I crossed it out because if I need to carry in the next step – I won't get confused.

1. Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.

2. Plop a zero into the one's place of your second "answer line"

3. Multiply again, the same way, but starting with the ten's digit on the second row.

4. Finally, add the two rows together.

Complete step 2 & 3 then check your work on the next page

86 x 91 = ?

$$
\begin{array}{r}
{}^5_1 \\
86 \\
\times\ 91 \\
\hline
86 \\
{}_1 \\
7740
\end{array}
$$

← Step 2 & 3

1. Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.

2. Plop a zero into the one's place of your second "answer line"

3. Multiply again, the same way, but starting with the ten's digit on the second row.

4. Finally, add the two rows together.

20   Complete step 4 then check your work on the next page

86 x 91 = ?

$$
\begin{array}{r}
\overset{5}{\cancel{\times}}\,86 \\
\times\ 91 \\
\hline
\overset{1}{}86 \\
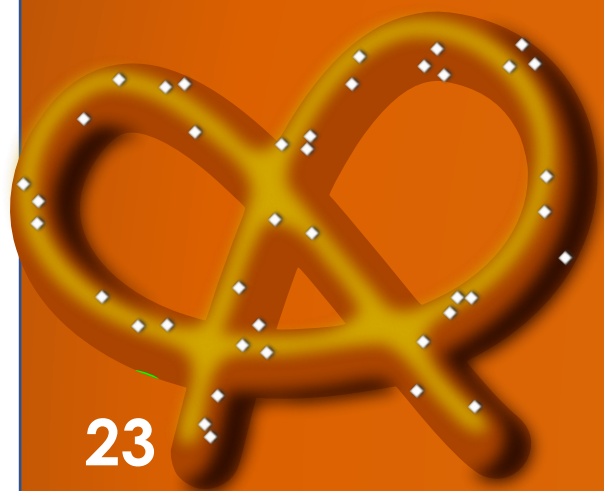+\ 7740 \\
\hline
7{,}826
\end{array}
$$

← **Step 4**

1. Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.

2. Plop a zero into the one's place of your second "answer line"

3. Multiply again, the same way, but starting with the ten's digit on the second row.

4. Finally, add the two rows together.

21

What you think you earned another pretzel?

OK! Here are three!

23

Uno mas

$$52$$
$$\underline{\times\ 34}$$

1. **Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.**

2. **Plop a zero into the one's place of your second "answer line"**

3. **Multiply again, the same way, but starting with the ten's digit on the second row.**

4. **Finally, add the two rows together.**

Try the whole thing – then check your answer on the next page.

Uno mas

$$\begin{array}{r} 52 \\ \times\ 34 \\ \hline 208 \\ +\ 1560 \\ \hline 1{,}768 \end{array}$$

1. Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.

2. Plop a zero into the one's place of your second "answer line"

3. Multiply again, the same way, but starting with the ten's digit on the second row.
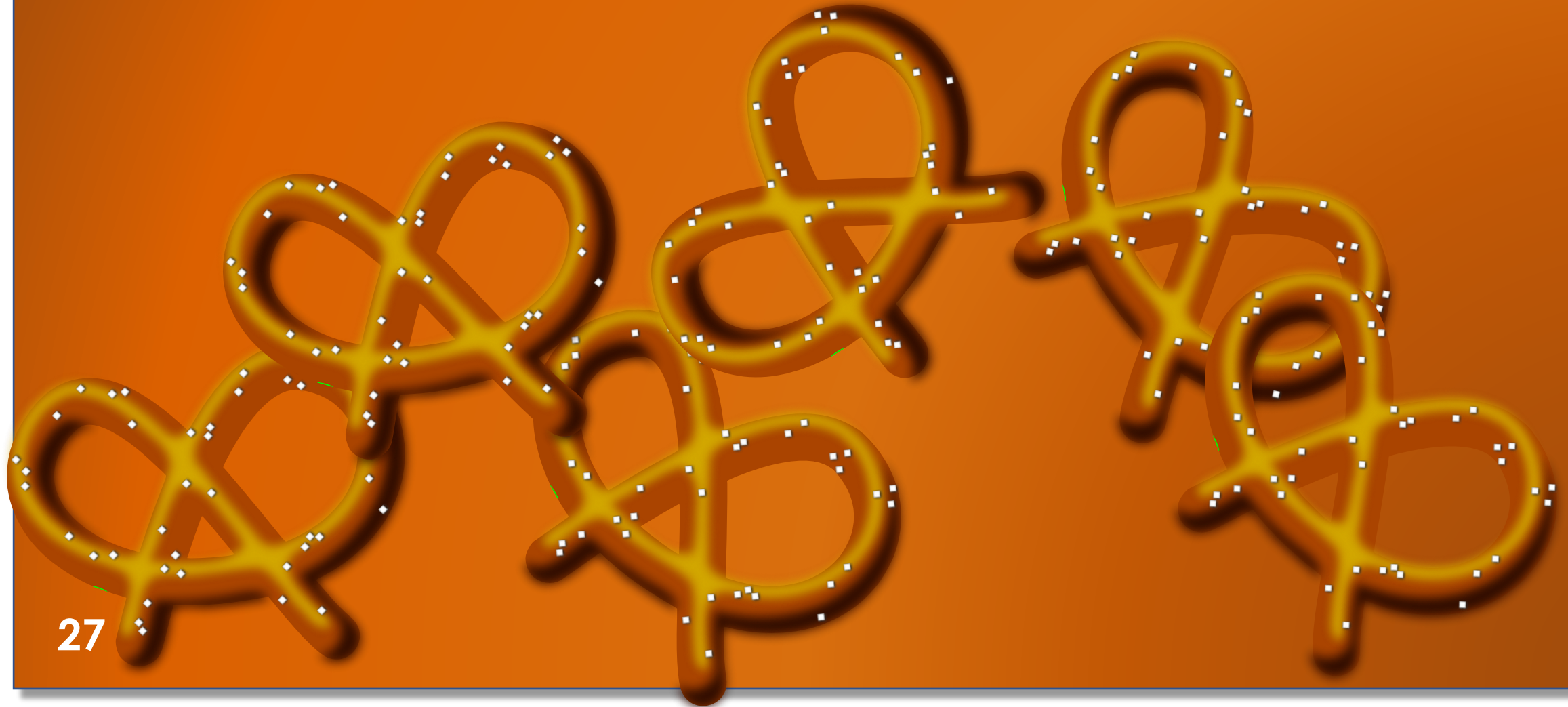
4. Finally, add the two rows together.

Try the whole thing – then check your answer on the next page.

If you are having trouble with this you have 2 options.

1. Ask your parents
(they know how to do this)

2. Call me! 856-857-7707

26

You are my favorite kid!

Please complete these 5 problems then send me the answers!

1. Solve

21
x 62
‾‾‾‾‾

1. **Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.**

2. **Plop a zero into the one's place of your second "answer line"**

3. **Multiply again, the same way, but starting with the ten's digit on the second row.**

4. **Finally, add the two rows together.**

2. Solve

$$73$$
$$\underline{\times\ 31}$$

1. **Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.**

2. **Plop a zero into the one's place of your second "answer line"**

3. **Multiply again, the same way, but starting with the ten's digit on the second row.**

4. **Finally, add the two rows together.**

30

3. Solve

$$16$$
$$x\ 13$$

Don't forget to cross out your carry after you use it!

1. Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.

2. Plop a zero into the one's place of your second "answer line"

3. Multiply again, the same way, but starting with the ten's digit on the second row.

4. Finally, add the two rows together.

31

4. Solve

84
x 78

Don't forget to cross out your carry after you use it!

1. Multiply the one's digit in the second row by the one's digit in the top row, then by the ten's digit in the first row.

2. Plop a zero into the one's place of your second "answer line"

3. Multiply again, the same way, but starting with the ten's digit on the second row.

4. Finally, add the two rows together.

5. Forget it!

I don't feel like making another one!

Go outside and play!

No more Quizlet

First-In-Math tomorrow.