

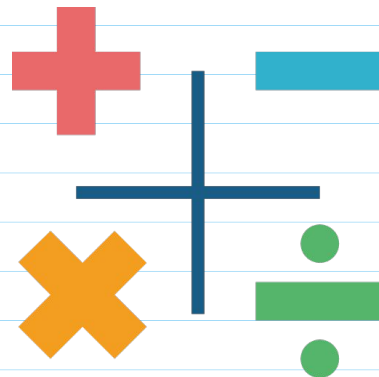
Incoming 8th Graders Summer Math Work 2021

The following slides outline the guidelines for Carroll's summer math assignment.

Students should log in to one of the following programs 3 times per week for 20 minutes of practice.

Available programs:

1. IXL
2. Prodigy
3. Mathigon



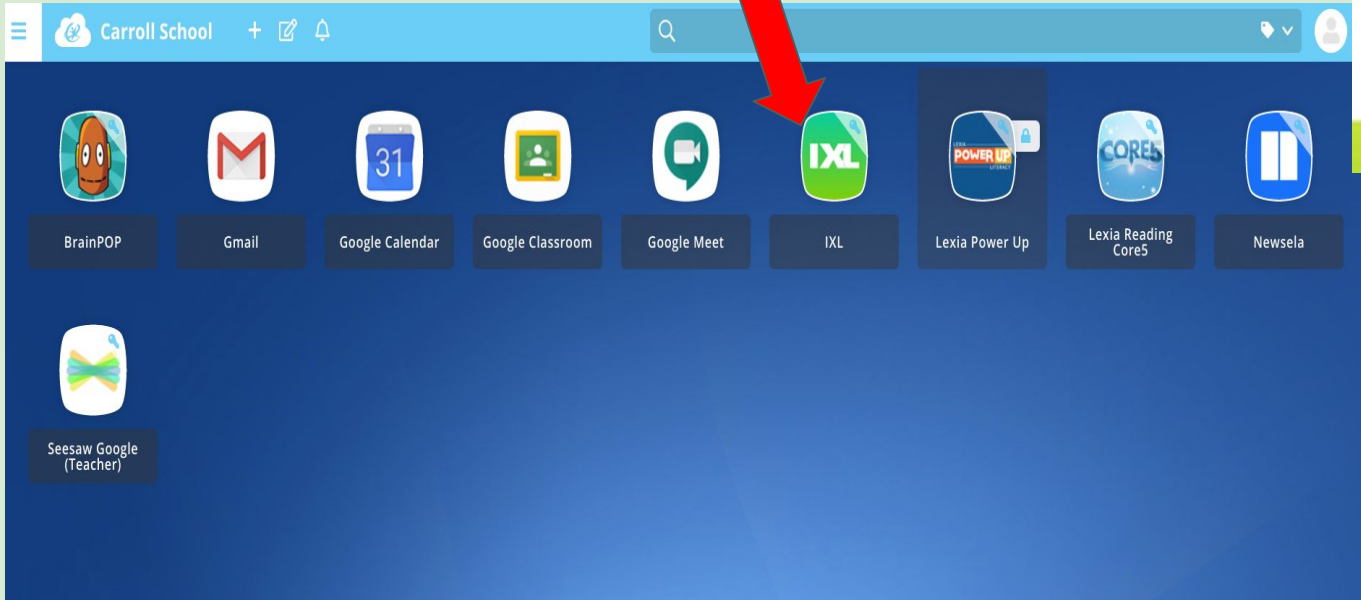
Frequently Asked Question

So...is this mandatory?

Doing the tasks in these slides will help you maintain the skills you have learned so far in math.

If that is not enough motivation for you, here is another incentive. If you complete half or more of the recommended time, (at least 30 minutes total per week for ten weeks, or 300 minutes) you will start the year with a 100% quiz score added to your math grade in the Fall.


To start, go to [Classlink](#), and click on IXL.



If you are new to IXL you can watch this video to get started.
Click [here](#).

(If the link above does not work - <https://www.youtube.com/watch?v=-PsuD8X3YOY>)

When you log on you will see your home screen. You will find something that looks like this picture to the right.

If you click the  you will see the diagnostic at the top. Start out with the diagnostic to pinpoint your levels.

After that you can work on the skills that the program is recommending to you.

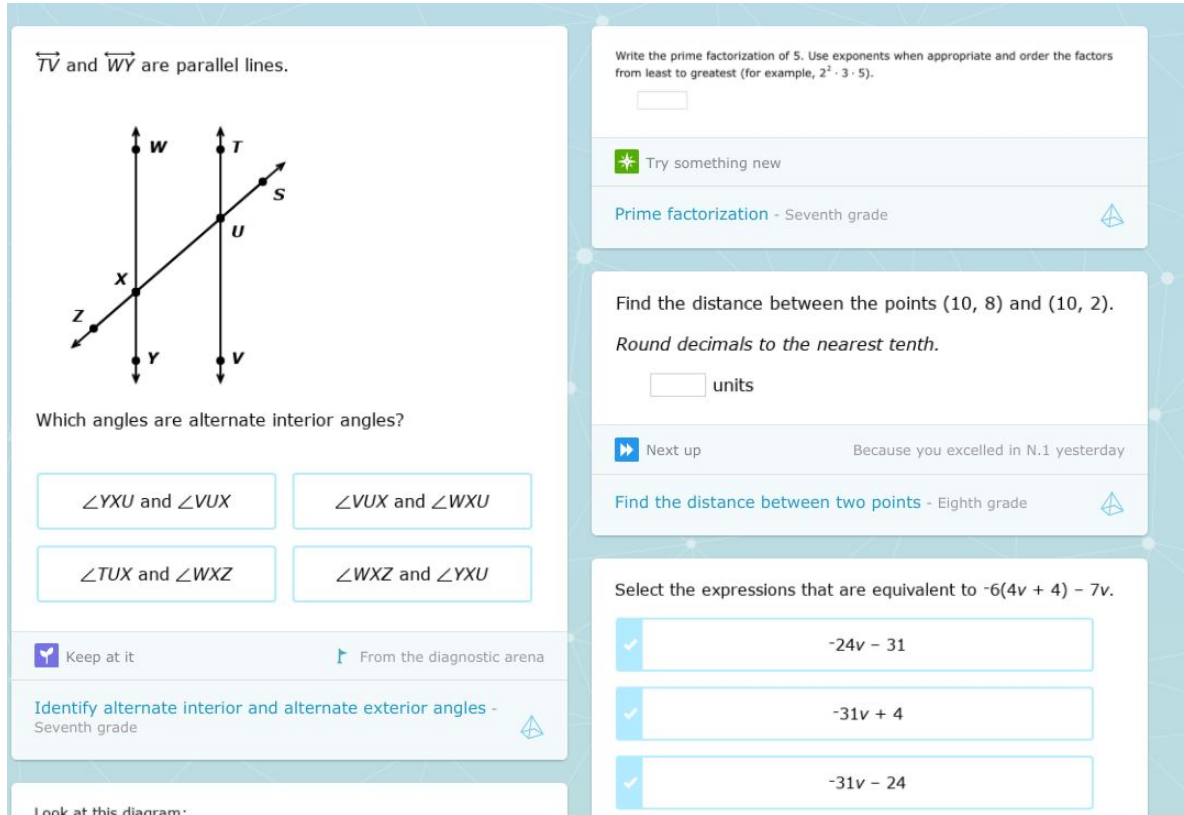
As you work through them you will reach mastery and the program will move you on and target different skills to improve.

If you start off with 15 minutes of the diagnostic each week it should keep your levels pinpointed.

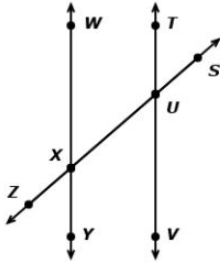
Recommendations

 6 suggestions 
from your teacher

Here are all the math and language arts skills recommended just for you, based on what you've been working on recently. Explore the different types of recommendations, and click on any skill you'd like to try!





\overleftrightarrow{TV} and \overleftrightarrow{WY} are parallel lines.




Which angles are alternate interior angles?

$\angle YXU$ and $\angle VUX$ $\angle VUX$ and $\angle WXU$


$\angle TUX$ and $\angle WXZ$ $\angle WXZ$ and $\angle YXU$


 Keep at it  From the diagnostic arena

Identify alternate interior and alternate exterior angles - Seventh grade 

Look at this diagram:


Write the prime factorization of 5. Use exponents when appropriate and order the factors from least to greatest (for example, $2^2 \cdot 3 \cdot 5$).


 Try something new

Prime factorization - Seventh grade 

Find the distance between the points (10, 8) and (10, 2). Round decimals to the nearest tenth.

units

 Next up Because you excelled in N.1 yesterday

Find the distance between two points - Eighth grade 

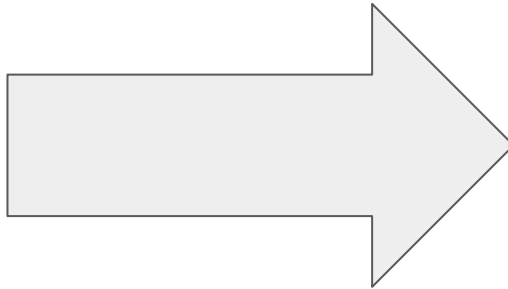
Select the expressions that are equivalent to $-6(4v + 4) - 7v$.

$-24v - 31$

$-31v + 4$

$-31v - 24$

Other Options



Prodigy! (Instructions, 1 of 2)



- 1) Go to: <https://www.play.prodigygame.com/>
- 2) Click 'sign in with google':

Log in with:


Clever Google

Or log in with a username:

Username

Password

[Forgot your password?](#)

I'm not a robot 
reCAPTCHA
Privacy - Terms

Prodigy! (Instructions, 2 of 2)

3)

What is your class code?

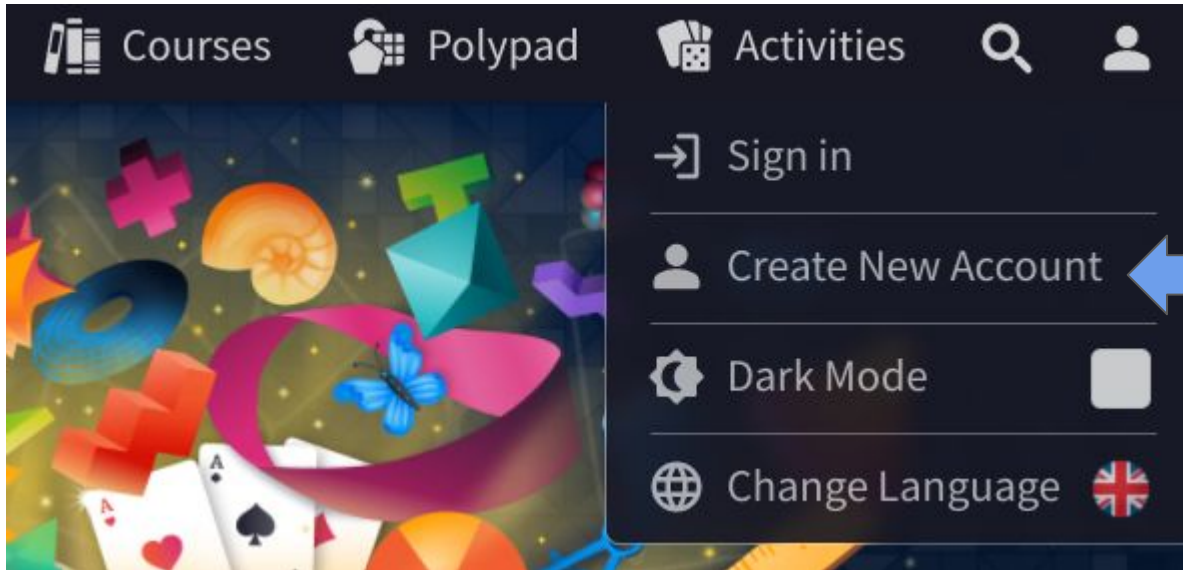
Ask your teacher for your class code and type it here.



4) Enter Code: **B88F884**

Mathigon: Multiplication Fact Practice

1. Go to this link: <https://mathigon.org/>
2. Create an account so your progress is saved. **Make sure you are signed in each time you use this website.**




Click "Create New Account"

Mathigon: Multiplication Fact Practice

3. Enter your birthdate, then click Google.



Join a world of wonder and discovery! Mathigon accounts are completely free to use. We will store your progress, personalise our content, and recommend what to learn next.

[Sign up with Class Code](#)

[Already have an account?](#)

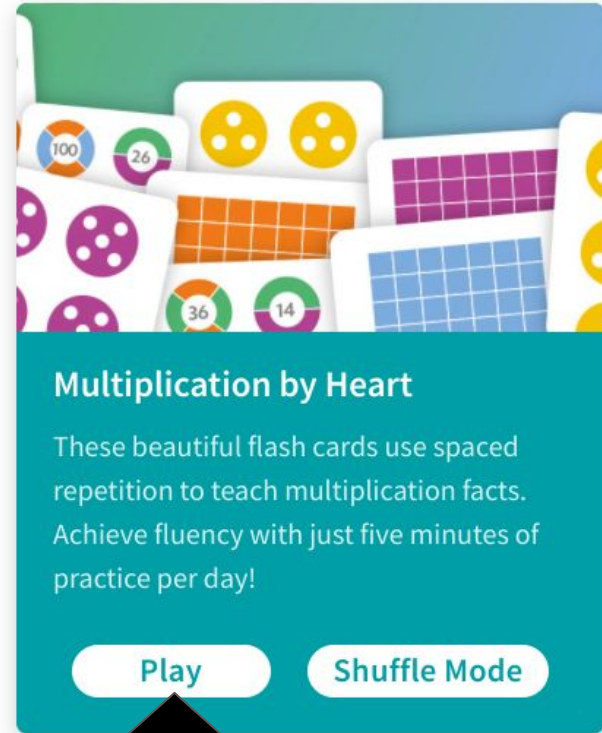
Mathigon Multiplication Fact Practice

4. Click:



Complete one deck of cards each session. Feel free to explore the website for more fun activities such as Factris which is a game similar to tetris.

5. Scroll down and click this:



Click play. Shuffle mode will give you a random set of cards.