

June 2024

Dear rising 8th gr. Algebra student,

The purpose of summer work is to help prevent you from forgetting what you learned in 7th grade math over the summer. Therefore, it is best *not* to do all of your summer work as soon as you receive it in June! It is far better to do one or two exercises each week, or even to wait until August and do three or four exercises each week before school. If you wait until the very end of the summer, you may feel overwhelmed, and this is not a good idea.

Using the website www.ixl.com, you will be required to reach a score of 80% (not 100%) in each of the assigned topics listed below.

Instructions for accessing IXL are on the back of this letter. We will be checking your progress throughout the summer. If you have any questions on the problems, each lesson has a video tutorial at the top of the screen and some worked examples to get you started.

If you have a lot of trouble with some of the assigned IXL lessons, there will be a Math Help Day in August, and you should come to school that morning so that we can coach you through those.

Sincerely,

Mr. Dorsey

7th grade level IXL:

Add/subtract integers	(B.12)
Multiply/divide integers	(B.22)
Evaluate numerical expressions with fractions	(G.18)
Add/subtract rational numbers	(I.3)
Evaluate numerical expressions with exponents	(J.7)
Square roots of perfect squares	(K.1)
Coordinate plane review	(M.1)
Evaluate linear expressions	(R.4)
Identify equivalent linear expressions	(S.12)
Solve one-step equations	(T.6)
Solve two-step equations	(T.9)
Graph inequalities on number lines	(U.2)
Find the slope from a graph	(W.1)
Graph a line using slope	(W.4)
Area between two shapes	(BB.14)



Dear Parent,

I am pleased to tell you that we will be using a website called IXL in our classroom next year. IXL is a comprehensive math review site with an unlimited number of math practice questions in hundreds of skills — all of which are aligned to state standards. One of the best things about IXL is that your child can access it from home, so you have a chance to see your child's progress!

To get your child started on your home computer, please follow these easy steps:

1. Go to www.IXL.com/signin/calverton
2. Enter your child's username and password and click *Sign in*.

Username: first initial last name

Password: calverton

3. Navigate to the seventh grade level on the *Math* tab.
4. Find one of the skills listed and begin.

If you have any difficulty logging in to IXL, please contact Dawn Rhoads (drhoads@calvertonschool.org). In addition to making math practice exciting, IXL is designed to help your child learn at his or her own pace. The website is adaptive and will adjust to your child's demonstrated ability level. Make sure you have logged into your account. The site will save all of your child's results, if logged in, so you can monitor your child's progress anytime by clicking on the *Reports* tab.

I hope you'll encourage your son or daughter to use IXL weekly so that we can hit the ground running in the Fall.

Sincerely,

Will Dorsey