July 2023

Dear Future Algebra 2 Student:

Welcome to Algebra 2! In order to best prepare and get the most out of your Algebra 2class next year you will need to practice some of the material from your past mathematics classes. Using the website [https://www.ixl.com/signin/calverton](about:blank), you will be required to reach 80% accuracy in each of the assigned topics below. Your username and password will be the same as this past year. This work is due on the first day of school and will count as your first quiz grade.

If you have any questions about the summer work or the class, please send an email to one of the following:

* Mrs. Popernack at [apopernack@calvertonschool.org](about:blank) Math/Science Department Head
* Mrs. Crissman at [acrissman@calvertonschool.org](about:blank) US Math Teacher

Yours truly,

Your math teachers

All sections can be found under the Algebra 1 header:

* A.7 – evaluating numerical expressions involving rational numbers
* B.7 – simplify linear expressions using properties
* B.10 – identify equivalent linear expressions
* C.17 – solve linear equations: mixed review
* F.10 – solve advanced linear inequalities
* M.8 – evaluate a function: plug in an expression
* L.3 – slope-intercept form: find the slope and y-intercept
* L.8 – linear equations: solve for y
* L.19 – write an equation for a parallel or perpendicular line
* R.12 – evaluate expressions using properties of exponents
* X.9 – factor polynomials
* Z.3 – solve a quadratic equation by factoring