

July 2021

Dear Future Algebra 2 Student:

Welcome to Algebra 2! In order to best prepare and get the most out of your Algebra 2 class 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>, 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:

- Mr. Dorsey at [wdorsey@calvertonschool.org](mailto:wdorsey@calvertonschool.org)      Math Department Head
- Ms. Casey at [tcasey@calvertonschool.org](mailto:tcasey@calvertonschool.org)      Algebra 2 Teacher, 2021-2022
- Ms. Clore at [mclore@calvertonschool.org](mailto:mclore@calvertonschool.org)      Algebra 2 Teacher, 2020-2021

Yours truly,

*Your math teachers*

All sections can be found under [Algebra 1](#)

- B.6 – evaluating numerical expressions involving rational numbers
- H.3 – simplify variable expressions using properties
- I.4 – identify equivalent linear expressions
- J.11 – solve linear equations: mixed review
- K.10 – solve advanced linear inequalities
- Q.8 – evaluate a function: plug in an expression
- S.6 – slope-intercept form: find the slope and y-intercept
- S.12 – linear equations: solve for y
- S.26 – write an equation for a parallel or perpendicular line
- V.8 – evaluate expressions using properties of exponents
- AA.8 – factor polynomials
- BB.11 – solve a quadratic equation using the quadratic formula