

Mathematics Summer Homework Assignment

All students entering Algebra I, Geometry, Algebra II, Pre-Calculus, AP Statistics*, and Calculus will have a summer homework assignment they need to complete. These assignments are designed with the intention to provide a rigorous and thorough refresher of material from past mathematics courses.

Students need to be comfortable with this material in order to confidently move forward in the next year of mathematics. The Math Department strongly recommends you space this work out over the course of the summer.

Summer assignments are designed to provide students with additional practice of past material, but you may need a refresher in a given topic before completing the assignment. There are many excellent mathematical resources available online, and probably also some great textbooks and notes right with you! Teachers' schedules vary during the summer, and while they'd surely be happy to help, they may not be immediately available. Textbooks and notes from previous courses, and of course family and classmates, are always great places to start. You are encouraged to work (socially-distantly) with one another to help review and reinforce the material. And again: you'll likely find this much more manageable if you do NOT wait until the last week of summer.

You will be tested on the material from your summer assignment during the first week of school in September. This will be your first grade of the year and doing well on this test will set you up for success in the year to come. You will **not** be allowed to use a calculator on the test, so we recommend doing the summer assignment without a calculator to practice your computation skills!

Assignments for each specific course were handed out during mathematics final exams or in class prior to exams. If you have any questions, misplaced your assignment, or would like an additional copy (or if you are a student who is new to NYA and you have not yet received a copy), please reach out to Mrs. Michaelis at jmichaelis@nya.org

Thank you! We hope you have a wonderful, restful, healthy summer – with just the perfect bit of math!

**AP Statistics has a reading assignment with a reflection, not a problem set.*