Wood-Ridge Junior-Senior High School

Summer Assignment for Geometry/Geometry Honors

Students entering Geometry or Geometry Honors in September 2020
Ms. Ames and Mr. Fazio

The Geometry summer work is designed to help students review math concepts from Pre-Algebra and Algebra 1 to help prepare them for the upcoming school year. These topics are review from prior years of mathematics and will not be re-taught in September. Therefore, I strongly recommend that all students make sure that they remember all these concepts by completing problems from each topic. Each topic has examples of similar problems to help you review.

It will serve you best if you do this assignment during the last few weeks before the first day of school. The assignment will be available starting 8/1/2020.

Follow the instructions below to get the assignment.

Students should go to DeltaMath.com and either sign in if they already have a Delta Math account or click Create Account and make one with their school email and a password. Then they should type in the teacher code below.

Teacher Code: 324006

Next, the student should type their full first and last name and select the correct summer 2020 work from a dropdown menu.

*Select Geometry/Geometry Honors Summer 2020*

Standards:
HSA.CED.A.1
Create equations and inequalities in one variable and use them to solve problems. Include equations arising from linear and quadratic functions, and simple rational and exponential functions.

HSA.CED.A.2
Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.

HSA.REI.A.1
Explain each step in solving a simple equation as following from the equality of numbers asserted at the previous step, starting from the assumption that the original equation has a solution. Construct a viable argument to justify a solution method.

HSA.REI.A.2
Solve simple rational and radical equations in one variable, and give examples showing how extraneous solutions may arise.

HSA.REI.B.3
Solve linear equations and inequalities in one variable, including equations with coefficients represented by letters.

HSA.APR.A.1
Understand that polynomials form a system analogous to the integers, namely, they are closed under the operations of addition, subtraction, and multiplication; add, subtract, and multiply polynomials.