



ORIGINS HIGH SCHOOL EST. MMXIII

**WHERE CHARACTER, CREATIVITY,
+CURIOSITY MEET**

9TH GRADE SUMMER MATH ASSIGNMENT

GEOMETRY

This assignment is due on the first day of school (Thursday, September 8th). In addition to it considered as your first graded assignment for the term, it will carry the weight of THREE homework assignments, so be sure to put in the necessary time to thoughtfully complete it! It is recommended that you spend about 3 hours a week working on the assignment – don't save it all for last few days of vacation.

Before starting, sign up to Khan Academy using the steps on the second sheet. Make sure you join the Summer Assignment Class and that Dr. Djemil is listed as your coach. You may want to email to math@originshighschool.org.

Basic Geometry

- a) You will start with basic geometry. This part of the assignment asks you to try and master the fundamentals of geometry. Each part is a topic of its own that will be reviewed in the first weeks of 9th grade. Pay special attention to the definitions and the terms used, the more you can grasp on your own now, the smoother the lessons of 9th grade math will go!
- b) From the homepage of Khan Academy, click SUBJECT, then GEOMETRY. Click 'Geometry Basics', and work your way through the topics in the way they are listed.

For this part of the assignment, it is recommended that you watch the accompanying video and take notes on it BEFORE trying the related exercises. YOU DO NOT NEED TO FINISH THIS ENTIRE SECTION, but complete as many of the topics as you can.

- c) You have trouble? Watch the video again. If you still have difficulty, check the topic in mathopenref.com. If you still have trouble, Email math@originshighschool.org! Don't give up easily! Keep track of your activity on the backside of this sheet, and remember that Dr. Djemil is there to help you.

Signing up to Khan Academy: Follow these steps to create an account

- 1) Sign in to your Origins HS email
- 2) Open Khanacademy.org homepage, and click on Google (red bar)
- 4) Enter your Origins email password and click continue
- 5) Click on "Allow" (you will be in your Khan Academy account)
- 6) Click on your name (Upper right corner) and choose "Profile"
- 7) Click on Coaches. In Add a Coach type "8RVRSUW4" and click on join the class
- 8) Go to part b) above.

Once you register in the Khan Classroom, I will be giving specific assignments.

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