



## 9<sup>th</sup> GRADE SUMMER MATH ASSIGNMENT

Welcome to the 9<sup>th</sup> Grade Math Class. This assignment should be completed on Khan Academy before the school starts (Thursday, September 7). It will be your first graded work for the term. Because of that, be sure to put in the necessary time to complete it! It is recommended that you spend at least 3 hours a week working on the assignment. The steps to sign to Khan Academy are listed below. Make sure you join the Summer Assignment Class and list Dr. Djemil as your coach. You may want to email him at [adjemil@originshighschool.org](mailto:adjemil@originshighschool.org).

### **Khan Academy:**

#### **A) Geometry Foundation:**

This part of the assignment asks you to practice and master the fundamentals of geometry. You may have seen most of the information in earlier grades. However, each part is a topic of its own that we will review during the first weeks of the 9<sup>th</sup> grade.

- Make sure you pay particular attention to the definitions and the terms used. The more you are familiar with the vocabulary words and understand them, the better you build the ability to deal with geometry and solve problems. Also, the more you can grasp on your own now, the smoother the lessons of the 9<sup>th</sup>-grade math will be!
- Remember, you can work on other topics of geometry once you complete the Basics.

#### **B) Signing on to Khan Academy:**

Follow these steps to create an account (use your Origins HS email):

- 1) Sign in to your Origins HS email.
- 2) Open [khanacademy.org](https://khanacademy.org) homepage
- 3) Click on Google (red bar).
- 4) Enter your Origins email password and click continue.
- 5) Click on “Allow” (to access your Khan Academy account).
- 6) Click on your name (Upper right corner) and choose “Profile.”
- 7) Click on Coaches. In Add a Coach, type “**D56GYV**” and click “join the class.”

#### **C) Starting the Work:**

Once you registered, click on SUBJECT, then GEOMETRY, and then click on ‘Geometry Basics.’ Work your way through the topics in the order they are listed. You should watch the accompanying video(s) and take notes BEFORE trying the practice exercises. **YOU DO NOT NEED TO FINISH THIS ENTIRE SECTION**, but complete as many of the topics as you can. Keep track of your activity on the back of this sheet.

#### **D) Troubleshooting:**

Do you have difficulty with the practice problems? Use the hint. Otherwise, watch the video again. If you still have difficulty, check the topic in any of the following sites:

- [mathopenref.com](https://mathopenref.com),
- [learnzillion.com](https://learnzillion.com),
- [mathsisfun.com](https://mathsisfun.com), or
- [mathwarehouse.com](https://mathwarehouse.com)

If you still have trouble, Email [adjemil@originshighschool.org](mailto:adjemil@originshighschool.org)! Keep on!

