

Geometry

Summer 2020 Assignment Instructions

As you will be entering Geometry next year, we would like to make sure that you are refreshed on all of your Algebra and basic Geometry skills and ready for the year ahead. Throughout the summer we would like you to complete a few assignments on Delta Math. It is a free online math resource to help you with almost any topic in mathematics. If you have any questions, comments, or concerns with Delta Math, please feel free to e-mail Dr. Clementi at mclementi@gmahs.org

Step 1: We ask that you create a Delta Math account. (* If you already have an account you can just login.) All you need is an e-mail to login.

Step 2: Use the teacher code: **718719**

Step 3: You will then need to enter your name, email and a password and choose **Geometry Summer Assignment 2020** in the period drop down menu. You will then need to log in.

Step 4: You will see the ten assignments. Click on the assignment that corresponds with the weeks below.

Step 5: Delta Math will show you the skills that you need to complete. Click on Show Example if you are unsure how to solve a problem.

We ask that you work on Delta Math at least once a week over the summer for 12-15 minutes per week:

| Week Number | Skill to Practice |
|-------------|---|
| Week #1 | Finding the Slope Graphically |
| Week #2 | Finding the Slope from Points |
| Week #3 | The Distributive Property |
| Week #4 | Proportions |
| Week #5 | Solving Linear Equations |
| Week #6 | Linear Equations with Distributive Property |
| Week #7 | Solving Quadratics by factoring |
| Week #8 | Quadratic Formula |
| Week #9 | Multiply Polynomials |
| Week #10 | Pythagorean Theorem |

With vacations, camps, etc. we understand that there may be some weeks where you may not be able to log on and other weeks where you can spend more time on Delta Math. We broke this up as a general outline for the summer tasks, yet you by no means need to follow this exactly. By the start of September, we are asking that you have completed all the assignments and have spent about 2 hours completing the 10 assignments (about 12-15 minutes per assignment).

This summer assignment will be considered your first assignment for Geometry. You will be graded using the following rubric

| Category Name | Description | Point Value |
|-------------------------|--|--------------------|
| Skills Practiced | You will be awarded up to 40 points for the skills you complete correctly on Delta Math. I will convert your grade from Delta Math (out of 100%) to a grade out of 40 points | /40 |
| Assessment | Score on a 30-point assessment in the beginning of the year on the skills listed above. | /30 |
| Total | | /70 |

Again, please feel free to e-mail Dr. Clementi if you have any questions or concerns about this assignment.

We wish you a safe, happy summer and we look forward to seeing you in the fall!
Dr. Clementi

The Gwynedd Mercy Academy Mathematics Department