

Algebra 1

2024 Summer Assignment

Welcome to Gwynedd! As you will be entering Algebra 1 next year, we would like to make sure that you are refreshed on all your Pre-Algebra skills and ready for the year ahead. Throughout the summer we would like you to complete a few tasks on Delta Math (www.deltamath.com.) Delta Math is a free online math resource to help you with almost any topic in mathematics. We will then continue to use Delta Math throughout the year.

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

Step 2: Use the code: MQ6U-6UK2

Step 3: You will then need to enter your name, email and a password and choose **Summer 2024 Algebra 1** in the period drop down menu. You will then need to log in.

Step 4: You will see the assignments. You need to solve **5-10 problems correctly** from each skill posted. Each skill will dictate how many you must complete. Click on Show solution button 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:

Week Number	Assignment Name
Week #1	Fractions 1. Adding/Subtracting Fractions(Positive) 2. Multiply/Divide Fractions(Positive)
Week #2	Integers 1. Adding and Subtracting Integers 2. Multiplying and Dividing Integers
Week #3	1.Order of Operations 2. Proportions
Week #4	Percents 1. Percent of a Whole
Week #5	Coordinate Plane 1. Identifying Points (Level 1)
Week #6	Distributive Property 1. Distributive Property(Basic)
Week #7	Combining Like Terms 1. Combine Like Terms(Basic, Integers)
Week #8	Writing Algebraic Expressions 1. Words to Expressions 2. Words to Expressions(Compound)
Week #9	One-Step Equations 1. One Step Equations(Add/Subtract)

	2. One Step Equations(Multiplication)
Week #10	Two-Step Equations

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 than 10 minutes 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 the school year, we are asking that you have completed all the assignments.

This summer assignment will be considered your first assignment for Algebra 1. You will be graded using the following rubric. This assignment should be completed by September 3, 2024. **Additionally, you need a TI-84 or higher graphing calculator for the start of the school year. Please consider buying one over the summer so you are prepared.**

Category Name	Description	Point Value
Skills Practiced	You will be awarded up to 40 points for the skills you complete correctly on Delta Math. We 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 fractions, order of operations, the distributive property, one-step equations, and two step equations.	/30
Total		/70

Again, please feel free to e-mail Mrs. Lane llane@gmahs.org if you have any questions or concerns about this assignment.

We wish you a safe, happy summer and we look forward to meeting you in the fall!

The Gwynedd Mercy Academy Mathematics Department