



Algebra 1  
Optional Enrichment Assignment  
May 2024

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Dear Parents and Students,

As we anticipate the start of summer and the upcoming school year this fall, we are excited to introduce an optional summer assignment for students enrolled in Algebra 1. This assignment is designed to reinforce equation solving, linear functions, and numeracy skills that were previously introduced and practiced in middle school, ensuring students are well-prepared for the academic challenges of Algebra 1.

The optional summer assignment highlights:

1. **Equation Solving:** Students will have the opportunity to enhance their proficiency in solving equations, particularly focusing on linear equations.
2. **Linear Functions:** The assignment revisits linear functions, encompassing graphing, slope identification, and problem-solving involving linear equations. Understanding linear functions is essential for grasping core algebraic principles and applications in Algebra 1.
3. **Numeracy Skills:** In addition to equation solving and linear functions, students will engage in activities that strengthen their numeracy skills. Working with numbers, fractions, decimals, and percentages will reinforce fundamental mathematical abilities that are vital for success in Algebra 1 and beyond.

While the summer assignment remains optional, we encourage students to take advantage of this opportunity to review key concepts, refine their problem-solving skills, and enhance their numeracy proficiency. Engaging with academic material over the summer break will help students maintain their mathematical skills and ease the transition into high school and Algebra 1.

If you have any questions or difficulties accessing the problems, please reach out this summer. We are excited to welcome our Knights into high school and Algebra 1 next year!

Sincerely,  
Amanda Peper  
Mathematics Department Chair

**Students can join the Delta Math by following the link below:**

<https://www.deltamath.com/students?code=BS56-GA3M>

Returning students can join with their school Google email address.

New students can join with a personal or parent email address until school begins.

Students are encouraged to work on some or all of the suggested problems.

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**Teacher Contact**

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