

Hello,

Happy Summer! 🍹☀️

Hope you are excited for your next 4 years at GHS! To help you hit the ground running and feel confident, here are some skills and assignments to keep your math muscles moving over summer.

This is not about endless work; the focus is to keep pre-algebra skills fresh. We will be using and building on these concepts so a review and consistent use will make a big difference.

### **Part 1: Number Sense/ Basic Calculation**

1. A.1 (Add, subtract, multiply, and divide integers)
2. A.2 (Evaluate numerical expressions involving integers)
3. A.5 (Multiply & Divide Rational Numbers)
4. A.8 (Square Roots)

### **Part 2: Pre-Algebra Review**

5. B.1 (Write Variable Expressions)
6. B.2 (Evaluate Variable Expressions involving integers)
7. B.6 (Distributive Property)
8. B.7 (Simplify linear expressions using properties)
9. B.9 (Simplify variable expressions involving like terms and the distributive property)
10. B.10 (Identify equivalent linear expressions)
11. C.2 (Does x satisfy the equation)

### **Part 3: Inequalities**

12. F.1 (Graph Inequalities)
13. F.2 (Write Inequalities from Graphs)
14. F.6 (Solve one step linear inequalities)

### **Part 4: Slope**

15. K.1 (Find the Slope on a graph)
16. K.2 (Find the Slope from two points)

### **Part 5: Integers**

17. R.1 (Powers with integer bases)

### **Part 6: Polynomials**

- 18. W.1 (Polynomial vocabulary)
- 19. W.4 (Add & Subtract Polynomials)
- 20. W.11 Multiply Polynomials

### **Don't Stress!**

This summer work is designed to be a helpful review, not a source of stress. I am looking forward to having you in Honors Algebra 1, and I am here to support your learning journey.

Have a fantastic and math-filled summer! I can't wait to see you in the fall! 😊

Ms. Francis

### **Grading for Summer work:**

- Each IXL counts as 5 points
  - 90 or above= 5 points
  - 80-90= 4 points
  - 70-80= 3 points
  - 50-60= 2 points
  - 40-50= 1 point
  - Below 40= NO CREDIT
- **These will add together into a primary grade**
- All work is due first day of school