

## **Honors Integrated Math 1- Summer Assignment**

### **Notes**

Please take some time to read the filled-in Chapter 1 Notes. You can access the filled-in Chapter 1 Notes by clicking the following link.

[https://drive.google.com/drive/folders/18FMJ\\_nq-C6p9MtL66YUifvS560tqy8rR?usp=sharing](https://drive.google.com/drive/folders/18FMJ_nq-C6p9MtL66YUifvS560tqy8rR?usp=sharing)

This link will give you access to the google drive folder with all the filled in notes. You do not have to print out these notes, but it might be helpful to have a printed copy to look at while you are working on the assignments. I have also included a blank copy of the Chapter 1 Notes. You are encouraged to print them out and work through them yourself to better understand the material, but it is not required.

### **Assignment**

Please print out the Chapter 1 worksheets and complete the entire packet. You will be turning the assignment in for a grade. Use your notes to help you complete the assignment.

### **Concepts**

By completing this summer coursework, you should be able to:

- Identify the independent and dependent quantities for a problem situation
- Label the independent and dependent quantities on a graph
- Determine if the graph of a relation is a function
- Identify if a function is continuous or discrete
- Write equations using function notation
- Determine and recognize characteristics of various function families
- Graph all the function families on your graphing calculator
- Interpret and analyze graphs representing real-life situations

### **Turning in the Summer Assignment**

The summer assignment will be due on the first full day of school. You must hand in a hard copy of all your work. I would like your summer assignment stapled together in order. We will check the assignment and go over some questions at the beginning of class, then you will use the first day of class to review the material and prepare for your first test.

### **Contact**

My advice is to start your assignment at the beginning of August, so you do not forget it all over the summer. I estimate that it will take about an hour per lesson. If you have any questions, you may email me at sheffernon@usd232.org and I would be happy to help. I will be checking my email about once a week over the summer, so you might not get an immediate response. Please do not wait until the last few days before school starts, as I will be very busy getting ready for school, and you might not get help in time!