

## HONORS ALGEBRA I (2020-2021)

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### **OBJECTIVES:**

1. To expand and apply the vocabulary, both symbolic and verbal which is associated with mathematics.
2. To perform the operations of addition, subtraction, multiplication, and division on real numbers.
3. To solve problems, including word problems, using algebraic techniques.
4. To solve and graph inequalities.
5. To manipulate and solve polynomial equations.
6. To master techniques of graphing – including formulas for determining distance, midpoint, and slope.
7. To simplify algebraic expressions.
8. To define and simplify radicals.

### **HOMEWORK:**

1. Homework is assigned on every class day.
2. Homework will be checked for completeness. It will not be collected.
3. Homework completeness will count as 20% of your quarter grade.
4. Homework missed during an excused absence will need to be made up within one week of the absence in order to receive credit for the assignment. If the assignment is not made up in that time period, the grade will become a zero. It is the student's responsibility to show the assignment to the teacher to receive credit.
5. Homework must be done in PENCIL.
6. Late homework assignments will receive a 50 percent if completed within 4 days of the due date. After 4 days, the grade will be a zero. It is the student's responsibility to show the teacher any late homework within the four days.

### **QUIZZES:**

Quizzes are given approximately every week and are 30% of the quarter grade. They are announced and cover material from the past few classes. Quizzes will be done in pencil. A calculator may or may not be used at the teacher's discretion.

### **TESTS:**

Tests will be given at the end of each chapter and are 40% of the quarter grade. There is one day of review before a test. Tests will be done in pencil. A calculator may or may not be used.

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### **CALCULATOR ACTIVITIES:**

Calculator activities will count as 10% of the quarter grade. They will be completed by the student both in class and outside class. Late activities will receive a ten point deduction a day for 4 days. After 4 days, the grade will be a zero.

### **MAKE UP TESTS/QUIZZES:**

Tests and quizzes that were missed due to an excused absence must be made up according to school policy. The student has two days for each one day they are absent. It is the responsibility of the student to meet with the teacher as soon as possible upon return to school to schedule a time to make up the work. If the student has not made up the work by the agreed upon time or has not made other arrangements with the teacher, the grade will become a zero.

### **CLASS PREPARATION:**

Each day the following materials should be brought to class: textbook, pencil, paper, notebook, graph paper, and graphing calculator (TI-84Plus or TI-84Plus SE).

### **EXTRA HELP:**

Extra help is available after school; contact teacher to make arrangements.

### **COURSE GRADING:**

The quarter grade is calculated as follows:

Tests	40%
Quizzes	30%
Homework	20%
Calculator Activities	10%

The semester grade is calculated as follows:

Average of two quarters	90%
Semester exam	10%

The year end grade is calculated as follows:

First semester grade	30%
Second semester grade	60%
Fourth quarter grade	10%

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