Algebra 1

Mrs. Watanabe

Algebra 1 Fourth Quarter Summary

The fourth quarter we covered the following topics:

Difference of two squares theorem

Pythagorean Theorem

Distance between two points

Slope formula

Uniform motion with unequal distances

Place value and rounding

Factorable denominators

Absolute value inequalities

Abstract rational equations

Factoring by grouping

Linear equations

Equation of a line through two points

Equation of a line with a given slope

Line parallel to a given line

Square roots and radical equations

Advanced trinomial factoring

Vertical and horizontal shifts and reflection

Conjunctions and disjunctions

More on multiplication of radical expressions

Direct and inverse variation

Direct and inverse variation squared

Exponential growth

Graphing linear inequalities

Quotient rule for square roots

Completing the square

The quadratic formula

Box and whisker plots