Algebra 1

Mrs. Watanabe

Algebra 1 Third Quarter Summary

The third Quarter we covered the following topics:

Additive and multiplicative property of equality

Addition and multiplication of radical expressions

Simplifications of radical expressions

Simplifying square roots of large numbers

Stem and Leaf plots

Histograms

Weighted average

Equivalent equations

Elimination

More difficult complex fractions

Radical equations

Factoring trinomials

Factoring trinomials with common factors

Factors that are sums

Factoring the difference of two squares

Probability and designated order

Probability without replacement

Scientific notation

Operation using scientific notation

Writing the equation of a line

Slope-intercept method of graphing

Subscripted variables and systems of equations

Consecutive integers

Consecutive odd and even integers

Coin and value problems

Word problems with two statements of equality

Recognizing consistent, inconsistent, and dependent equations

Functions and test for functions

Domain and range

Division of polynomials

Solving quadratic equations by factoring

Uniform motion problems

Products of rational expressions

Pyramids, cones, and spheres