

Algebra II Topics
Mrs. Welsh

Chapter 1

Real Numbers and Properties
Calculator Skills
Changing Units
Order of Operations
Solving Linear Equations
Solving Linear Inequalities
Using Formulas
Absolute Value Equations
Absolute Value Inequalities

Chapter 2

Functions
Slopes and Graphs of Lines
Equations of Lines
Best Fit Lines
Graphs of Linear Inequalities

Chapter 3

Solving systems of Equations
Solving Systems of Inequalities

Chapter 4

Factoring
Solving Quadratic Equations
Graphing Quadratic Equations
Using & Simplifying Radicals
Using the Quadratic Formula

Chapter 5

Properties of Exponents
Polynomial Functions
Polynomial Equations

Chapter 6

Rational Exponents
Inverses
Radical Equations
Rational Expressions
Rational Equations

Chapter 8

Variation
Rational Expressions
Rational Equations

Chapter 11

Measures of Central Tendency
Standard Deviation
Box and Whisker Plots
Quartiles
Interpreting Statistical Graphs and Charts

Chapter 10

Fundamental Counting Principle
Permutations
Combinations
Simple Probabilities

Misc

Distance and Midpoints
Circles