

Algebra 2 - 1st Semester Review Project

Do following things for the list of terms:

1. Which chapter(s) & section(s) is it in?
2. Which Benchmark(s)/Standard(s) is it in?
3. Describe it in "your own words" (What it is or how it is used).
4. Give an example or diagram of it.

This project should be organized by the Chapters of our book. Use your assignments sheet, Benchmark Toolkit, and glossary in the book to help you. Your goal is to create a resource that next year's students could use as a tool throughout the 1st semester.

It is worth 30 points. It will be graded on accuracy, completeness, and neatness.

1. Absolute Value Equation
2. Absolute Value Inequality
3. Axis of Symmetry
4. Binomial Theorem
5. Combination
6. Completing the Square
7. Complex Numbers
8. Composite Function
9. Difference of Cubes
10. Difference of Squares
11. Factorial
12. Factoring
13. Inverse Function
14. Linear Inequalities

15. Maximum Value
16. Minimum Value
17. Parabola
18. Pascal's Triangle
19. Permutation
20. Quadratic Equation
21. Quadratic Formula
22. Slope-Intercept Form
23. Standard Form of a Quadratic Function
24. Sum of Cubes
25. Vertex
26. Vertex Form of a Quadratic Function
27. Zeros

Absolute Value Equation
Absolute Value Inequality

Linear Function
Slope-Intercept Form
Linear Inequalities

Complex Numbers
Completing the Square
Quadratic Equation
Quadratic Formula
Axis of Symmetry
Vertex
Zeros
Factoring
Parabola
Standard Form of a Quadratic Equation
Vertex Form of a Quadratic Function
Difference of Squares
Minimum Value
Maximum Value

Binomial Theorem
Combination
Permutation
Factorial
Sum of Cubes
Difference of Cubes
Pascal's Triangle
Standard Form of a Polynomial

Composite Function
Inverse Function