

# Vocabulary - Algebra 1 "A"

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- A mathematical sentence that contains an = sign
- A mathematical sentence that does not contain an = sign
- Tells how many times a number is multiplied by itself
- To multiply an outside term by each term inside a parenthesis
- A positive or negative whole number
- Any number you can think of
- $< \text{ or } > \text{ or } \leq \text{ or } \geq$
- Makes every value positive
- The input values of a function
- The output values of a function
- The average of a set of numbers
- The middle value of a set of numbers
- The number that occur most often in a set of numbers
- The difference between the highest and lowest values in a data set
- The inverse of a fraction
- The number before a variable
- Having the same variables, raised to the same powers
- The order of operations
- How likely an event is to occur
- An event that does not influence another
- An event that does influence another
- Ratio of success to failure
- A comparison of two numbers in the same units
- A comparison of two numbers in different units
- Two ratios set equal to each other
- Figures that have the same angles and proportional sides
- The length around the outside of a figure
- The ratio of ( amount of change / original amount )
- $\sqrt{a}$
- 4, 9, 16, 25, 36, 49...etc
- The longest side in a right triangle
- The sides that form the right angle of a right triangle
- $a^2 + b^2 = c^2$
- Converting from one unit of measure to another
- $48 < x + 7 < 24$
- A method used to determine if a relation is a function
- Function notation
- Data that can have decimals ( like the change in temperature)
- Data that is only expressed in terms of whole numbers ( like the number of people )
- The slope of a horizontal line
- The slope of a vertical line
- $y = mx + b$
- $y - y_1 = m ( x - x_1 )$
- $Ax + By = C$
- The equation of the line is  $x = \#$
- The equation of the line is  $y = \#$
- The shape of an absolute value equation
- The slope of a line that rises from left to right
- The slope of a line falls from left to right
- How the slopes of two perpendicular lines compare

# Algebra 1 "A" – Exam Review Guide

## Chapter 1

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## Chapter 2

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Pg. 112 - : # 7, 11, 15, 18, 42

## Chapter 3

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## Chapter 4

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## Chapter 5

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## Chapter 6

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