**ALGEBRA 2 - CHAPTER 5 TEST STUDY TOPICS**

* Be able to Factor completely (Greatest Common Factor; difference of perfect squares; trinomial with a coefficient greater than 1)
* Be able to write the inverse of a function (switch x and y and solve for y) using proper inverse notation
* Given an equation in Logarithmic Form, solve for various values of x (Remember the Ancient Game from Classwork)
* Evaluate a composite function for a given input
* Identify an asymptote in a function and the value that would make the function undefined
* Determine if two equations are equivalent with complete justification
* Solve absolute value equations and inequalities. Be able to graph the inequality
* Given a growth or decay situation, be able to write the equation and evaluate for given times.

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