**Algebra 1 Unit 3 Vocabulary Words**

**absolute value function**

a function with a v-shaped graph that opens up or down.

**consistent**

A system of equations that has at least one solution

**elimination method**

a way to solve a system of equations algebraically that involves combining the equations together so that one variable will cancel out, then solving for the remaining variable

**graphing method**

a method for solving systems of equations by graphing the equations on the same coordinate plane and finding the point of intersection

**inconsistent**

A system of equations that has no solution.

**linear inequality**

An inequality in two variables whose graph is a region of the coordinate plane that is bounded by a line.

**reflection**

A transformation that flips all parts of a figure over a line

**substitution method**

a way to solve a system of linear equations by solving for a variable in one equation, and replacing the expression for the same variable in another equation.

**translation**

A shift of a graph horizontally, vertically, or both, which results in a graph of the same shape and size, but in a different position.

**vertex**

Turning point on an absolute value equation

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