**Algebra I Vocabulary Terms**

Expression: does not have an equal sign

Equation: has an equal sign

Distribute – multiplying outside number by everything inside parentheses

Linear – line

Parent Linear Equation: y = x

Slope: rate of change; rise over run; m

Slope of a Vertical Line: undefined

Slope of a Horizontal Line: 0

X-Intercept: (#,0); y = 0

Y-Intercept: (0,#); x = 0; starting point; b

Point-Slope Form: y-y1 = m(x-x1)

Slope-Intercept Form: y = mx + b

Standard Form: Ax + By = C

Translation: y-intercept changes

Rotation: slope changes numbers

Reflection: slope changes sign

Parallel Lines: lines that have the same slope

Perpendicular Lines: lines that slopes are opposite reciprocals

System of Equations: two or more linear equations

Solution to a System: an ordered pair that satisfies both equations

No Solution: 0 = #

Infinite Solutions: 0 = 0