**Exponent Properties**

 or



**Lines and Linear Functions**

***Slope-Intercept Form:*** , where m represents slope and b represents y-intercept (where line crosses y-axis).

***Slope:*** Given two points and the formula is

(*x*1, *y*1)

(*x*2 *y*2)

**rise**

**run**

**Quadratic Functions**

***Quadratic Formula (to solve ):***

***Factoring Formulas (used to solve/find zeros):***

***Examples:***

**Sequences**

***Arithmetic:***

***Geometric:***