Algebra Study Sheet

Arithmetic Properties

Associative

Commutative

Distributive

Common Arithmetic Operations

Quadratic Equation

For the equation:

Common Factoring Examples

Linear Equations

*M=slope b= y-intercept*

Exponent Properties

Statistics

*Mean Absolute Deviation =*  ****

 

Sigma/Summation Notation

Mean =

Variance=

Calculator

Solving systems of linear equations:

Graph lines in **Y=, graph,** (make sure you can see where your lines cross adjust the **window** as necessary) **2nd Trace, 5:intersect, ENTER,ENTER,ENTER**

Getting an equation from two points:

Enter coordinates into **STAT , 1:edit,** (x values go in L1 and y values go in L2), **STAT, CALC, 4:LinReg(ax+b)** a is your slope and b is your y-intercept

To Find the Mean of a set of DATA:

Enter the data into **STAT, L1, QUIT** to main screen. **2nd Stat, MATH, 3:Mean,** type L1 in the parenthesis,