**Algebra 1 - Homework Syllabus**

**(Acc)**

**Expectations:**
**·Rewrite original problem (unless word problem or specified)**
**·Show ALL work in the vertical format. (Must show each step)**
**·Answer question being asked**

**·Students may use a calculator**

**Chapter 6: Solving and Graphing Linear Inequalities**

**6.1: Solving Inequalities Using Addition and Subtraction (pp. 359-361)**

**Set A: Write and Graph Inequalities (2):** 5, 7

**Set B: Solve and Graph Inequalities (5):** 17, 18, 19, 20, 21

**Set C: Translate a verbal phrase, then solve and graph an inequality (2):** 25, 26

**WP (4):** 27, 33, 36, 38

13 Problems Total

**6.2: Solving Inequalities Using Multiplication and Division (pp. 366-368)**

**Set A: Solve and Graph Inequalities (7):** 10, 13, 15, 17, 19, 21, 25

**Set B: Translate a verbal phrase, then solve and graph an inequality (2):** 32, 33

**WP (3):** 38 (b only), 40, 41

12 Problems Total

**6.3: Solve Multi-Step Inequalities (pp. 372-374)**

**Set A: Solve and Graph Basic Multi-Step Inequalities (3):** 7, 10, 14

**Set B: Solve and Graph Multi-Step Inequalities Involving “no solution” or “all real #s” (5):** 17, 18,

 21, 24, 25

**Set C: Translate the verbal phrase into an inequality and solve (2):** 31, 32

**WP (4):** 35, 38, 39, 42

14 Problems Total

**6.7: Graph Linear Inequalities in two Variables (pp. 409-412)**

**Set A: Check if the given ordered pair is a solution to the linear inequality (2): 13, 14**

**Set B: Graph the linear inequality (7):** 17, 21, 22, 26, 26, 29, 30

**Set C: Write linear inequalities given a graph or description (4):** 45, 46, 51, 52

**WP (2):** 53, 55 (a and b only)

15 Problems Total