**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 7: Systems of Equations and Inequalities**

**7.1: Solve Linear Systems by Graphing (pp. 430-433)**

**\*Use Worksheet 7.1B First, then use text if need extra problems**

**Set A: Decide if an ordered pair is a solution**

**Set B: Solve by Graphing**

**WP**

**7.2: Solve Linear Systems by Substitution (pp. 439-441)**

**Set A: Solve by Substitution (basic) (5):** 9, 11, 14, 15, 16

**Set B: Solve by Substitution (involving fractions and decimals) (3):** 20, 23, 27

**WP (3):** 33, 34, 36

**Challenge (2):** 35, 38

13 Problems Total

**7.3: Solve Linear Systems by Addition and Subtraction (pp. 447-450)**

**Set A: Solve by Addition (1):** 8

**Set B: Solve by Subtraction (2):** 13, 14

**Set C: Arrange equations then solve (2):** 20, 21

**Set D: Equations involving fractions and decimals (2):** 27, 33

**WP (3):** 39, 43, 44

10 Problems Total

**7.4: Solve Linear Systems by Multiplying First (pp. 454-457)**

**Set A: Multiplying one equation (1):** 7

**Set B: Multiplying both equations (3):** 13, 15, 17

**Set C: Method of Choice (3):** 30, 31, 32

**WP (5):** 33, 35, 38, 40, 41

12 Problems Total

**7.5: Solve Special Types of Linear Systems (pp. 462-465)**

**Set A: Using a graph to determine the number of solutions (5):** 5, 6, 7, 9, 13

**Set B: Solve by eliminating or substituting (5):** 16, 18, 19, 20, 21

**Set C: Identify number of solutions *without* actually solving (3):** 26, 27, 28

**WP (3):** 36, 39, 40

16 Problems Total

**7.6: Solve Systems of Linear Inequalities (pp. 469-472)**

**\*WS 7.6B and 7.6C**

**Set A: Determine if an ordered pair is a solution (3):** 3, 4, 5

**Set B: Graph the linear system (5):** 9, 10, 14, 17, 18

**Set C: Write the Linear System (4):** 24, 27, 29, 35

**WP (3):** 36, 37, 40

15 Problems Total