**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 5: Write Linear Equations**

**5.1: Write Linear Equations in Slope-Intercept Form (pp. 286-289)**  
**Set A: Write equation given m and b (2):** 5, 7  
**Set B: Write equation from a graph (4):** 11, 13, 19, 20  
**Set C: Write equation given two points (3):** 25, 26, 28  
**Set D: Write equation given function values (4):** 31, 35, 38, 42  
**WP (3):** 46, 47, 51

17 Problems Total

**5.2: Use Equations in Slope-Intercept Form (pp. 296-299)**  
**Set A: Write Equation given Slope and one point (2):** 7, 8  
**Set B: Write Equation given two points (2):** 13, 16  
**Set C: Write Equation from a graph (2):** 19, 21  
**Set D: Write Equation given function values (3):** 25, 27, 31  
**Set E: Challenge/Multi-step (3):** 38, 39, 42  
**WP \*Separate worksheet with word problems from textbook (1):** 53

13 Problems Total

**5.5: Write Equations of Parallel and Perpendicular Lines (pp. 322-324)**   
**Set A: Write Equations of Parallel Lines (3):** 7, 8, 11  
**Set B: Determine Parallel or Perpendicular Lines (2):** 14, 15  
**Set C: Write Equations of Perpendicular Lines (3):** 21, 25, 26  
**WP (3):** 32, 34, 36

11 Problems Total

**5.4: Write Linear Equations in Standard Form (pp. 314-316)   
Set A: Write Equivalent Equations (2):** 5, 6 **Set B: Write Equations in Standard Form (4):** 13, 15, 16, 17 **Set C: Write Horizontal and Vertical Line Equations (2):** 23, 24 **Set D: Find Missing Coefficients and Write Equations (2):** 35, 36

**WP (3):** 39, 41, 42

13 Problems Total

**5.6: Fit a Line to Data (pp.328-331)   
Set A: Decide on type of correlation (3):** 3, 4, 5 **Set B: Scatter Plot/Line of Fit (4):** 7, 8, 13, 15

**WP (1):** 18

8 Problems Total