**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 4: Graph Linear Equations and Functions**

**4.2: Graph Linear Equations by Making a Table**  
**\*Use Worksheets (4.2A and 4.2B)**

**4.3: Graphing Using Intercepts (pp. 229-231)**  
**Set A: Find intercepts (2):** 10, 15  
**Set B: Find intercepts and Graph (2):** 19, 25  
**Set C: Identify intercepts from a graph (2):** 29, 30  
**Set D: Graph given intercepts (1):** 33  
**WP (2):** 46, 47

**9 Problems Total**

**4.4: Find Slope and Rate of Change (pp. 239-242)**  
**Set A: Find slope from a graph (3):** 4, 5, 6  
**Set B: Find slope when given two points (4):** 9, 11, 15, 16  
**Set C: Find a missing coordinate given the slope (3):** 24, 27, 31  
**Rate of Change (2):** 19, 37

**12 Problems Total**

**4.5: Graph Using Slope-Intercept Form (pp. 247-250)**  
**Set A: Identify slope and *y*-intercept (2):** 4, 5  
**Set B: Rewrite into slope-intercept from then identify (3):** 12, 15, 16  
**Set C: Graph (3):** 24, 26, 29  
**Set D: Parallel Lines (4):** 31, 34, 35, 37

**12 Problems Total**

**4.6: Model Direct Variation (pp. 256-259)**  
**Set A: Direct Variation- Yes or No? If yes, identify *a* or write. (4):** 5, 6, 26, 27  
**Set B: Graph D.V. equations (3):** 11, 19, 22  
**Set C: Write D.V. equations (3):** 25, 34, 35  
**WP (3):** 42, 43, 46

**13 Problems Total**

**4.7: Graphing Linear Functions (Function Notation) (pp. 265-268)**  
**Set A: Evaluate a function given *x* (2):** 9, 11  
**Set B: Find *x* for a given function value (2):** 20, 21  
**Set C: Graph and compare to *f*(*x*) = *x* (2):** 27, 33  
**WP (3):** 39, 40, 41 (no graphing on 39 and 40)

**9 Problems Total**