**Algebra 1 - Homework Syllabus**

**(Acc)**

**Expectations:**  
**·Rewrite original problem (unless word problem or specified)**  
**·Show ALL work**  
**·Answer question being asked**  
**\*Indicates students may use a calculator**

**Chapter 1: Expressions, Equations and Functions**  
  
**1.1: Evaluate Expressions (pp. 5-7)**  
**Set A: Evaluate Algebraic Expressions (4):** 8, 10, 12, 14

**Set B: Evaluate Powers (6):** 18, 20, 22, 28, 32, 36  
**Set C: Evaluate Algebraic Expressions Involving Powers (3):** 38, 42, 44 **WP: Word Problems (4):** 50, 51, 52, 53

17 Problems Total

**1.2: Apply Order of Operations (pp. 10-12)**  
**Set A: Apply Order of Operations (4):** 8, 14, 16, 18  
**Set B: Evaluate Algebraic Expressions by Applying Order of Operations (4):** 24, 28, 30, 32  
**WP: Word Problems (3):** 36, 38, 39

11 Problems Total

**1.3: Write Algebraic Expressions (pp. 18-20)**  
**Set A: Translate verbal phrases into expressions (3):** 10, 12, 14  
**Set B: Write expressions to represent real-world situations (4):** 16, 18, 20, 21  
**Set C: Unit Rates (2):** 28, 29\*  
**WP: Word Problems (2):** 33\*, 37

11 Problems Total

**1.4: Write Equations and Inequalities (pp. 24-26)**  
**Set A: Translate verbal phrases into equations and inequalities (4):** 8, 10, 12, 13  
**Set B: Decide if a given number is a solution to an equation or inequality (4):** 22, 26, 28, 36  
**WP: Word Problems (4):** 40, 42, 45, 46

12 Problems Total

**1.6: Represent Functions as Rules and Tables (pp. 38-40)**  
**Set A: Identifying pairings as functions/identifying domain and range (4):** 4, 6, 7, 12  
**Set B: Completing a function table (3):** 18, 20, 21  
**WP: Word Problems (3):** 24, 28\*, 29

10 Problems Total

**1.7: Represent Functions as Graphs (pp. 46-48)**

**Set A: Write a rule for a function (3):** 10, 11, 12