**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 2: Properties of Real Numbers**

**2.1: Use Integers and Rational Numbers (pp. 67-70)**  
**Set A: Comparing/Ordering Rational Numbers:** 18, 20, 22  
**Set B: Absolute Value and Opposites:** 28, 34, 44, 46, 48  
**WP:** 53, 56, 59

11 Problems Total

**2.2: Add Real Numbers (pp. 77-79)**  
**Set A: Sum of 2 numbers:** 14, 18  
**Set B: Sum of 3 numbers:** 32, 34, 36  
**Set C: Algebraic Expressions Involving Sums:** 40, 42  
**WP:** 55, 57

9 Problems Total

**2.3: Subtract Real Numbers (pp. 82-84)**  
**Set A: Subtract:** 10, 14  
**Set B: Algebraic Expressions and Real-World Change:** 22, 24, 26, 28  
**Set C: More difficult Algebraic Expressions:** 34, 36, 41  
**WP:** 44, 46, 47

12 Problems Total

**2.4: Multiply Real Numbers (pp. 91-93)**  
**Set A: Products:** 16, 18  
**Set B: Simplify Algebraic Expressions Using Products:** 32, 34, 36  
**Set C: Evaluate Algebraic Expressions:** 38, 42  
**WP:** 50, 52, 54

10 Problems Total

**2.5: Apply the Distributive Property (pp. 99-101)**  
**Set A: Simplify Using the Distributive Property:** 14, 16, 18, 20  
**Set B: Identify Term, Like Coefficients, Coefficient and Constants:** 24, 26  
**Set C: Combine Like Terms and Simplify Expressions:** 32, 34, 38, 42  
**WP:** 50, 54

12 Problems Total

**2.6: Divide Real Numbers (pp. 106-108)**  
**Set A: Multiplicative Inverse and Quotients:** 10, 20, 22  
**Set B: Finding Means:** 28, 30  
**Set C: Simplifying Fractional Expressions (Ex: ):** 36, 40  
**Set D: Evaluate Algebraic Expressions:** 44, 46  
**WP:** 52, 56\*

11 Problems Total

**2.7: Find Square Roots and Compare Real Numbers (pp. 113-116)**  
**Set A: Evaluate Square Roots:** 8, 14  
**Set B: Approximate Square Roots:** 20, 22  
**Set C: Classify Real Numbers and Order:** 26, 28  
**Set D: Evaluating Expressions Involving Square Roots:** 38, 40  
**WP:** 48, 52

10 Problems Total