Algebra 1 - Homework Syllabus
(Reg)

Expectations:

·Rewrite original problem (unless word problem or specified)

·Show <u>ALL</u> work

·Answer question being asked

*Indicates students may use a calculator

<u>Chapter 2: Properties of Real Numbers</u>

<u>2.1: Use Integers and Rational Numbers (pp. 67-70)</u>

Set A: Comparing/Ordering Rational Numbers: 14, 16, 20

Set B: Absolute Value and Opposites: 28, 34, 44, 46, 48

WP: 53, 54, 57

11 Problems Total

<u>2.2: Add Real Numbers (pp. 77-79)</u>

Set A: Sum of 2 numbers: 14,18

Set B: Sum of 3 numbers: 32, 34, 36

Set C: Algebraic Expressions Involving Sums: 38, 40

WP: 53, 57

9 Problems Total

<u>2.3: Subtract Real Numbers (pp. 82-84)</u>

Set A: Subtract: 6, 10, 12

Set B: Algebraic Expressions and Real-World Change: 18, 20, 26, 28

Set C: More difficult Algebraic Expressions: 32, 34

WP: 42, 43, 44

12 Problems Total

<u>2.4: Multiply Real Numbers (pp. 91-93)</u>

Set A: Products: 12, 14

Set B: Simplify Algebraic Expressions Using Products: 28, 30, 32

Set C: Evaluate Algebraic Expressions: 38, 40

WP: 50, 51

9 Problems Total

2.5: Apply the Distributive Property (pp. 99-101)

Set A: Simplify Using the Distributive Property: 8, 10, 14, 18

Set B: Identify Term, Like Coefficients, Coefficient and Constants: 24, 26

Set C: Combine Like Terms and Simplify Expressions: 32, 34, 36, 40

WP: 51, 52, 53

13 Problems Total

2.6: Divide Real Numbers (pp. 106-108)

Set A: Multiplicative Inverse and Quotients: 10, 18, 20

Set B: Finding Means: 26, 28

Set C: Simplifying Fractional Expressions (Ex: $\frac{a+b}{c}$): 34, 36

Set D: Evaluate Algebraic Expressions: 44, 46

WP: 52, 53

11 Problems Total

2.7: Find Square Roots and Compare Real Numbers (pp. 113-116)

Set A: Evaluate Square Roots: 8, 10

Set B: Approximate Square Roots: 16, 20

Set C: Classify Real Numbers and Order: 24, 26

Set D: Evaluating Expressions Involving Square Roots: 36, 38

WP: 48, 49

10 Problems Total