Algebra 1 - Homework Syllabus
(Reg)

Expectations:

·Rewrite original problem (unless word problem or specified)

·Show <u>ALL</u> work in the vertical format. (Must show each step)

·Answer question being asked

·Students may use a calculator

Chapter 11: Pythagorean Theorem

11.4: Apply the Pythagorean Theorem and Its Converse (pp. 740-742)
Set A: Find a missing side of a right triangle (6): 3, 8, 10, 11, 12, 13 (If only Set A on
day 1, can assign 3-14)
Set B: Decide if 3 sides could form a right triangle (3): 23, 25, 27
WP: Word Problems (4): 29, 33, 34, 35

13 Problems Total

11.2: Simplifying (pp. 723-724)
Set A: Product Property ($\sqrt{a \cdot b} = \sqrt{a} \cdot \sqrt{b}$) (7): 3, 4, 5, 6, 7, 8, 46
Set B: Product Property ($\sqrt{a} \cdot \sqrt{b} = \sqrt{a \cdot b}$) (5): 11, 12, 13, 14, 17
Set C: Quotient Property (5): 19, 20, 21, 22, 23
Set D: Rationalizing the Denominator (7): 26, 27, 28, 29, 30, 31, 32
Set E: Adding and Subtracting (6): 34, 35, 36, 37, 38, 39
Set F: Distributing (3): 40, 41, 42

33 Problems Total