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| **Name:** | **David Young** | **Subject:** |  **Algebra II** | **Week of:**  | **10-7-2013** |
| **Lesson Plans** |
|  | **Monday:** | **Tuesday:** | **Wednesday:** | **Thursday:** | **Friday:** |
| **Statement of** **Objective(s)/****Think, Know,****Do(start with a verb)** | **5.6 The Quadratic Formula: Students will solve quadratic equations using the Quadratic Formula** | **5.6 Students will classify roots using the discriminant** | **Quiz 5.5-5.6** | **5.7 Quadratic Inequalities: Students will solve quadratic inequalities using tables, graphs, and algebra.**  | **Performance assessment** |
| **Anticipatory****Set/Opening** | **Display firefighting application problem (example 4) and discuss how solve the quadratic equation would help the firefighters.** | **Have students display visual representations of possible ways that parabolas could intersect the x-axis.** | **Ask students for any final questions before quiz** | **Display touring business problem on page 368. Have students work in pairs to decide number of people needed for the company to make a profit.** | **Introduction of the assessment** |
| **Learning****Activities** | **Guided practice Page 361 (3-13) odd.** | **Quadratic Formula Worksheet #2 or 5.5-5.6 Review worksheet** | **Students will be taking quiz.** | **Quadratic Inequalities worksheet #1** | **Students will take the test.** |
| **Assessment of****Student****Understanding****/Closure** | **Monitoring of students practice in class.** | **Display key of worksheet and monitor student work.** | **Graded quiz** | **Display key for worksheet and have students check their work and discuss with their table partners any common errors made. Monitor for understanding.** | **Grading of assessment** |