

## *Lesson Plans*

### **Lesson 4 – Using Field Properties of Real Numbers**

#### Lesson Objectives:

- Students will discuss field properties of real numbers
- Students will simplify expressions using the field properties
- Student will perform satisfactorily on quiz.

#### Focus:

Check homework assignment. Ask if students have any questions.

Give Chapter 2 quiz. If students take more time than anticipated, you may wish to extend the lesson over two days.

#### Input:

Begin the lesson by introducing the new objectives and terminology. Wait until assigning the first two problems before checking the homework from the previous day. Another option would be to collect and evaluate the homework assignment. Again, pace the lesson using the Power Point slides (Lesson 4-5) or class notes in order to get everybody participating in the discussion. Follow “Class Notes Chapter 1 Lesson 4”. Before illustrating the two sample problems, it may be necessary to see if there are any questions on prior work.

#### Assessment:

Assign “Homework Chapter 1 Lesson 4”.

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### **Lesson 5 – Solving Linear Equations**

#### Lesson Objectives:

- Students will solve linear equations

#### Procedure:

Explain that solving a linear equation (1<sup>st</sup> degree) is merely finding a value for the variable that makes the equation true. Discuss the ways to solve and go over examples from the text. Refer to PowerPoint for details about solving equations.

#### Assessment:

Assign Practice 1:8 in this section for homework. If using “*Algebra with Pizzazz*”, I suggest A-15 for additional practice.

#### Closure:

Discuss “how to solve” by going through a problem and have students explain step by step how to solve.