

# UNIT 2 - LESSON PLANS

**Class** Algebra 1

**Topic** U2– Solving Proportions

**Lesson** 7 **Of** 10

Students will:

**Objective**

- Be able to understand the concepts of proportions.
- Be able to solve proportions using multiplication property of equality and cross product property.

**"I Can" Statement**

I can solve any proportion and any real world problem related to solving proportions

**Common Core Standards**

[CCSS.MATH.CONTENT.6.RP.A.1](#)

Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities. *For example, "The ratio of wings to beaks in the bird house at the zoo was 2:1, because for every 2 wings there was 1 beak." "For every vote candidate A received, candidate C received nearly three votes."*

[CCSS.MATH.CONTENT.6.RP.A.2](#)

Understand the concept of a unit rate  $a/b$  associated with a ratio  $a:b$  with  $b \neq 0$ , and use rate language in the context of a ratio relationship. *For example, "This recipe has a ratio of 3 cups of flour to 4 cups of sugar, so there is  $3/4$  cup of flour for each cup of sugar." "We paid \$75 for 15 hamburgers, which is a rate of \$5 per hamburger."<sup>1</sup>*

**Bell Work**

See 2-7 Bell Work

**Procedures**

1. Start and lead student discussion related to the bell work.
2. Distribute the Guided Notes
3. Present lesson or play a video lesson.

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4. Use an Online Activity if time permitted.
5. Distribute Lesson Assignment.

### Assessment

Bell Work 2-7  
Assignment 2-7  
Exit Quiz 2-7

### Additional Resources

See Online Activities