

# UNIT 2 - LESSON PLANS

**Class** Algebra 1

**Topic** U2– Ratios, Rates, and Conversions

**Lesson** 6 **Of** 10

## Objective

Students will:

- Be able to understand the concepts of Ratios, Rates and Conversions.
- Be able to find the unit rates and unit prices and determine the best deals.
- Be able to convert between different units of measures.

## “I Can” Statement

I can solve ratios, find unit rates and convert between different units of measures.

## 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>

### [CCSS.MATH.CONTENT.5.MD.A.1](#)

Convert among different-sized standard measurement units within a given measurement system (e.g., convert 5 cm to 0.05 m), and use these conversions in solving multi-step, real world problems.

## Bell Work

See 2-6 Bell Work

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

### Assessment

Bell Work 2-6  
Assignment 2-6  
Exit Quiz 2-6

### Additional Resources

See Online Activities