

# UNIT 11- LESSON PLANS

<b>Class</b>	Algebra 1	<b>Topic</b>	U11 - Multiplying and Dividing Rational Expressions	<b>Lesson</b>	2	<b>Of</b>	7
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## Objective

Students will:

- Recall and Illustrate the basic theorems related to multiplication and division of algebraic fractions: and
- Perform multiplication and division on sets of fractions.

## "I Can" Statement

I can simplify and perform multiplication and division of rational expressions.

## Common Core Standards

[CCSS.MATH.CONTENT.HSA.APR.D.6](#)

Rewrite simple rational expressions in different forms; write  $\frac{a(x)}{b(x)}$  in the form  $q(x) + \frac{r(x)}{b(x)}$ , where  $a(x)$ ,  $b(x)$ ,  $q(x)$ , and  $r(x)$  are polynomials with the degree of  $r(x)$  less than the degree of  $b(x)$ , using inspection, long division, or, for the more complicated examples, a computer algebra system.

[CCSS.MATH.CONTENT.HSA.APR.D.7](#)

(+) Understand that rational expressions form a system analogous to the rational numbers, closed under addition, subtraction, multiplication, and division by a nonzero rational expression; add, subtract, multiply, and divide rational expressions.

## Bell Work

See Bell Work 11-2

## 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 11-2  
Assignment 11-2  
Exit Quiz 11-2

## Additional Resources

See Online Activities