

UNIT 11- LESSON PLANS

Class Algebra 1 **Topic** U11 - Simplifying Rational Expressions **Lesson** 1 **Of** 7

Objective	<p>Students will:</p> <ul style="list-style-type: none"> • Define and Illustrate the two types of fractions: • Recall the theorem utilized in simplifying; and • Distinguish factorable expressions and factor polynomials completely. <p>"I Can" Statement I can simplify rational expression by the use of theorems and distinguishing factorable expression.</p>
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Common Core Standards	<p>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.</p> <p>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.</p>
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Bell Work See Bell Work 11-1

Procedures	<ol style="list-style-type: none"> 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.
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Assessment	<p>Bell Work 11-1 Assignment 11-1 Exit Quiz 11-1</p>
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Additional Resources See Online Activities