

UNIT 11- LESSON PLANS

Class Algebra 1 **Topic** U11 - Dividing Polynomials **Lesson** 3 **Of** 7

- Objective**
- Students will:
- Enumerate the rules in dividing two polynomials; and
 - Perform division in two polynomials.

"I Can" Statement I can simplify and perform division of polynomials.

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 11-3

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 11-3
Assignment 11-3
Exit Quiz 11-3

Additional Resources See Online Activities