

UNIT 8- LESSON PLANS

Class Algebra 1 **Topic** U8-Multiplying and Factoring **Lesson** 3 **Of** 8

Objective

Students will:

- state and illustrate the rules in obtaining the product of polynomials;
- perform multiplication of polynomials utilizing the laws of exponents; and
- distinguish factorable and factor polynomials completely.

"I Can" Statement

I can factor and perform multiplication of polynomials.

Common Core Standards

[CCSS.Math.Content.HSA.APR.A.1](#)

Understand that polynomials form a system analogous to the integers, namely, they are closed under the operations of addition, subtraction, and multiplication; add, subtract, and multiply polynomials.

[CCSS.Math.Content.HSA.SSE.A.2](#)

Use the structure of an expression to identify ways to rewrite it. *For example, see $x^4 - y^4$ as $(x^2)^2 - (y^2)^2$, thus recognizing it as a difference of squares that can be factored as $(x^2 - y^2)(x^2 + y^2)$.*

Bell Work

See Bell Work8-3

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 8-3
Assignment 8-3
Exit Quiz 8-3

Additional Resources

See Online Activities