

UNIT 8- LESSON PLANS

Class Algebra 1 **Topic** U8- Factoring x^2+bx+c

Lesson 1 **Of** 5

Objective

Students will:

- Differentiate one type of factoring from one another type; and
- distinguish factorable expressions and factor polynomials completely. and
- perform factoring of polynomials in x^2+bx+c form.

"I Can" Statement

I can factor polynomials in x^2+bx+c form.

Common Core Standards

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

Interpret parts of an expression, such as terms, factors, and coefficients.

[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 Work 8-5

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 8-5
Assignment 8-5
Exit Quiz 8-5

Additional Resources

See Online Activities