

# UNIT 8- LESSON PLANS

**Class** Algebra 1    **Topic** U8- Factoring  $ax^2+bx+c$     **Lesson** 6    **Of** 8

## 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 with  $ax^2+bc+c$  form.

## "I Can" Statement

I can factor polynomials with  $ax^2+bc+c$  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 8-6

## 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 8-6  
Assignment 8-6  
Exit Quiz 8-6

## Additional Resources

See Online Activities