

# UNIT 2 - LESSON PLANS

**Class** Algebra 1

**Topic** U9– Completing the Square

**Lesson** 5 **Of** 8

Students will:

**Objective**

- Be able to find the real solutions of trinomial equations by completing the squares.
- Be able to find the complex solutions of trinomial equations by completing the squares.

**“I Can” Statement**

I can solve any trinomial or quadratic equation by completing the squares.

**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.B.3.A](#)

Factor a quadratic expression to reveal the zeros of the function it defines.

[CCSS.MATH.CONTENT.HSA.SSE.B.3.B](#)

Complete the square in a quadratic expression to reveal the maximum or minimum value of the function it defines.

**Bell Work**

See 9-5 Bell Work

**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.

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**Assessment**

Bell Work 9-5

Assignment 9-5

Exit Quiz 9-5

**Additional Resources**

See Online Activities