

UNIT 9 - LESSON PLANS

Class	Algebra 1	Topic	U9– The Quadratic Formula and the Discriminant	Lesson	6	Of	8
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Students will:

Objective

- Be able to solve the quadratic equations using the quadratic formula.
- Be able to tell the type and number of solutions of a quadratic equation by evaluating the discriminant.

“I Can” Statement

I can solve any quadratic equation using the quadratic formula.

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](#)

Choose and produce an equivalent form of an expression to reveal and explain properties of the quantity represented by the expression.*

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

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

Bell Work

See 9-6 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 9-6

Assignment 9-6

Exit Quiz 9-6

Additional Resources

See Online Activities