



# Creating Comprehensive Student-Centered Lessons in High School Math

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# Agenda

- Review Standards and Math Practices
- Discuss and Model Elements of a Comprehensive Lesson Plan
- Examine Effective Questioning and Monitoring Techniques
- Create a Comprehensive Lesson Plan
- Debrief and Discuss

# Check for Understanding



Determine whether the equations shown have real solutions or no real solutions.

Drag and drop each equation into the correct box.

Real Solutions

No Real Solutions

**HS-REI.4b-2** Solve quadratic equations in one variable.  
b) Recognize when the quadratic formula gives complex solutions.

$$4x^2 - 2x = -1$$

$$3x^2 + 6x = -3$$

$$2x^2 - 5x + 7 = 0$$

# Create a Comprehensive Lesson Plan

Work with a partner(s) to create a comprehensive lesson plan for an upcoming unit.

Use the lesson plan template to map out all parts of your lesson.

**Small and Whole Group Discussions will follow.**



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