


## Lesson Plan 5-6

*The Quadratic Formula pp. 356–363* Day \_\_\_\_\_

**Objectives** Solve quadratic equations using the Quadratic Formula. Classify roots using the discriminant.

 **TEKS 2A.8.B:** Quadratic and square root functions: analyze ... quadratic equations using discriminants and solve ... using the Quadratic Formula.

### Pacing

- 45-minute Classes: 1 day     90-minute Classes: 1/2 day     Other \_\_\_\_\_

### WARM UP

- Warm Up TE p. 356 and [Warm Up Transparency 5-6](#)  
 Countdown to TAKS SE Week 12 and Countdown to TAKS Transparency Week 12

### TEACH

- Lesson Presentation CD-ROM 5-6  
 [Alternate Opener, Exploration Transparency 5-6, TE p. 356](#)  
 Reaching All Learners TE p. 357  
 [Additional Examples Transparencies 5-6](#)  
 [Teaching Transparency 5-6](#)  
 [Texas Know-It Notebook 5-6](#)

### PRACTICE AND APPLY

- Examples 1-2: Basic: 18–29, 38–43 Average: 18–29, 38–43, 65 Advanced: 18–29, 38–43, 65, 70  
 Examples 1-4: Basic: 18–55, 60–64, 72–78 Average: 18–65, 67–69, 72–78 Advanced: 18–78

### REACHING ALL LEARNERS – Differentiated Instruction for students with

Developing Knowledge	On-level Knowledge	Advanced Knowledge	English Language Development
<input type="checkbox"/> Inclusion TE p. 360	<input type="checkbox"/> Auditory Cues TE p. 357	<input type="checkbox"/> Auditory Cues TE p. 357	<input type="checkbox"/> Auditory Cues TE p. 357
<input type="checkbox"/> <a href="#">Practice A 5-6 CRB</a>	<input type="checkbox"/> <a href="#">Practice B 5-6 CRB</a>	<input type="checkbox"/> <a href="#">Practice C 5-6 CRB</a>	<input type="checkbox"/> <a href="#">Practice A, B, or C 5-6 CRB</a>
<input type="checkbox"/> <a href="#">Reteach 5-6 CRB</a>		<input type="checkbox"/> <a href="#">Challenge 5-6 CRB</a>	<input type="checkbox"/> <a href="#">Success for ELL 5-6</a>
<input type="checkbox"/> <a href="#">Homework Help Online Keyword: MB7 5-6</a>	<input type="checkbox"/> <a href="#">Homework Help Online Keyword: MB7 5-6</a>	<input type="checkbox"/> <a href="#">Homework Help Online Keyword: MB7 5-6</a>	<input type="checkbox"/> <a href="#">Homework Help Online Keyword: MB7 5-6</a>
<input type="checkbox"/> <a href="#">Lesson Tutorial Video 5-6</a>	<input type="checkbox"/> <a href="#">Lesson Tutorial Video 5-6</a>	<input type="checkbox"/> <a href="#">Lesson Tutorial Video 5-6</a>	<input type="checkbox"/> <a href="#">Lesson Tutorial Video 5-6</a>
<input type="checkbox"/> <a href="#">Reading Strategies 5-6 CRB</a>	<input type="checkbox"/> <a href="#">Problem Solving 5-6 CRB</a>	<input type="checkbox"/> <a href="#">Problem Solving 5-6 CRB</a>	<input type="checkbox"/> <a href="#">Reading Strategies 5-6 CRB</a>
<input type="checkbox"/> <a href="#">Questioning Strategies TE p. 357, 358, 359</a>	<input type="checkbox"/> <a href="#">Communicating Math TE p. 358</a>	<input type="checkbox"/> <a href="#">Geometry TE p. 362</a>	<input type="checkbox"/> <a href="#">Lesson Vocabulary SE p. 356</a>
<input type="checkbox"/> <a href="#">IDEA Works! 5-6</a>			<input type="checkbox"/> <a href="#">Multilingual Glossary</a>

### ASSESSMENT

- Lesson Quiz, TE p. 363 and [Transparency 5-6](#)  
 [Texas Test Prep Online Keyword: MB7 TestPrep](#)