


Lesson Plan 8-8

Solving Radical Equations and Inequalities pp. 628–635

Day _____

Objective Solve radical equations and inequalities.

 **TEKS 2A.9.D:** Quadratic and square root functions: determine solutions of square root equations using graphs, tables, and algebraic methods.

Pacing

- 45-minute Classes: 1 day 90-minute Classes: 1/2 day Other _____

WARM UP

- Warm Up TE p. 628 and [Warm Up Transparency 8-8](#)
 Countdown to TAKS SE Week 18 and Countdown to TAKS Transparency Week 18

TEACH

- Lesson Presentation CD-ROM 8-8
 [Alternate Opener, Exploration Transparency 8-8, TE p. 628](#)
 Reaching All Learners TE p. 629
 [Additional Examples Transparencies 8-8](#)
 [Teaching Transparency 8-8](#)
 Texas Lab Manual 8-8
 [Texas Know-It Notebook 8-8](#)

PRACTICE AND APPLY

- Examples 1-3: Basic: 27–38, 47–49 Average: 27–38, 47–49 Advanced: 27–38, 47–49
 Examples 1-6: Basic: 27–59, 61–66, 75–81 Average: 27–66, 74–81 Advanced: 27–53, 55–81

REACHING ALL LEARNERS – Differentiated Instruction for students with

Developing Knowledge	On-level Knowledge	Advanced Knowledge	English Language Development
<input type="checkbox"/> Communication TE p. 629	<input type="checkbox"/> Communication TE p. 629	<input type="checkbox"/> Communication TE p. 629	<input type="checkbox"/> Communication TE p. 629
<input type="checkbox"/> Practice A 8-8 CRB	<input type="checkbox"/> Practice B 8-8 CRB	<input type="checkbox"/> Practice C 8-8 CRB	<input type="checkbox"/> Practice A, B, or C 8-8 CRB
<input type="checkbox"/> Reteach 8-8 CRB		<input type="checkbox"/> Challenge 8-8 CRB	<input type="checkbox"/> Success for ELL 8-8
<input type="checkbox"/> Homework Help Online Keyword: MB7 8-8	<input type="checkbox"/> Homework Help Online Keyword: MB7 8-8	<input type="checkbox"/> Homework Help Online Keyword: MB7 8-8	<input type="checkbox"/> Homework Help Online Keyword: MB7 8-8
<input type="checkbox"/> Lesson Tutorial Video 8-8	<input type="checkbox"/> Lesson Tutorial Video 8-8	<input type="checkbox"/> Lesson Tutorial Video 8-8	<input type="checkbox"/> Lesson Tutorial Video 8-8
<input type="checkbox"/> Reading Strategies 8-8 CRB	<input type="checkbox"/> Problem Solving 8-8 CRB	<input type="checkbox"/> Problem Solving 8-8 CRB	<input type="checkbox"/> Reading Strategies 8-8 CRB
<input type="checkbox"/> Questioning Strategies TE p. 629, 630, 631	<input type="checkbox"/> Geometry TE p. 633	<input type="checkbox"/> Critical Thinking TE p. 630	<input type="checkbox"/> Lesson Vocabulary SE p. 628
<input type="checkbox"/> IDEA Works! 8-8			<input type="checkbox"/> Multilingual Glossary

ASSESSMENT

- Lesson Quiz, TE p. 635 and [Transparency 8-8](#)
 [Texas Test Prep Online Keyword: MB7 TestPrep](#)