


Lesson Plan 8-7

Radical Functions pp. 619–627 Day _____

Objectives Graph radical functions and inequalities. Transform radical functions by changing parameters.

 **TEKS 2A.9.A:** Quadratic and square root functions: ... investigate ... the effects of parameter changes on the graphs of square root functions ...

Pacing

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

WARM UP

- Warm Up TE p. 619 and [Warm Up Transparency 8-7](#)
- Countdown to TAKS SE Week 18 and Countdown to TAKS Transparency Week 18

TEACH

- Lesson Presentation CD-ROM 8-7
- [Alternate Opener, Exploration Transparency 8-7, TE p. 619](#)
- Reaching All Learners TE p. 620
- [Additional Examples Transparencies 8-7](#)
- [Teaching Transparency 8-7](#)
- [Texas Know-It Notebook 8-7](#)

PRACTICE AND APPLY

- Examples 1-3: Basic: 24–38, 48–54 Average: 24–38, 48–54, 60–63 Advanced: 24–38, 48–54, 60–63
- Examples 1-6: Basic: 24–59, 64–69, 73–77, 80–88 Average: 24–78, 80–88 Advanced: 24–88

REACHING ALL LEARNERS – Differentiated Instruction for students with

Developing Knowledge	On-level Knowledge	Advanced Knowledge	English Language Development
<input type="checkbox"/> Inclusion TE p. 625	<input type="checkbox"/> Modeling TE p. 620	<input type="checkbox"/> Modeling TE p. 620	<input type="checkbox"/> Modeling TE p. 620
<input type="checkbox"/> Practice A 8-7 CRB	<input type="checkbox"/> Practice B 8-7 CRB	<input type="checkbox"/> Practice C 8-7 CRB	<input type="checkbox"/> Practice A, B, or C 8-7 CRB
<input type="checkbox"/> Reteach 8-7 CRB		<input type="checkbox"/> Challenge 8-7 CRB	<input type="checkbox"/> Success for ELL 8-7
<input type="checkbox"/> Homework Help Online Keyword: MB7 8-7	<input type="checkbox"/> Homework Help Online Keyword: MB7 8-7	<input type="checkbox"/> Homework Help Online Keyword: MB7 8-7	<input type="checkbox"/> Homework Help Online Keyword: MB7 8-7
<input type="checkbox"/> Lesson Tutorial Video 8-7	<input type="checkbox"/> Lesson Tutorial Video 8-7	<input type="checkbox"/> Lesson Tutorial Video 8-7	<input type="checkbox"/> Lesson Tutorial Video 8-7
<input type="checkbox"/> Reading Strategies 8-7 CRB	<input type="checkbox"/> Problem Solving 8-7 CRB	<input type="checkbox"/> Problem Solving 8-7 CRB	<input type="checkbox"/> Reading Strategies 8-7 CRB
<input type="checkbox"/> Questioning Strategies TE p. 620, 621			<input type="checkbox"/> Lesson Vocabulary SE p. 619
<input type="checkbox"/> IDEA Works! 8-7			<input type="checkbox"/> Multilingual Glossary

ASSESSMENT

- Lesson Quiz, TE p. 627 and [Transparency 8-7](#)
- [Texas Test Prep Online](#) Keyword: MB7 TestPrep