


Lesson Plan 8-5

Solving Rational Equations and Inequalities pp. 600–607

Day _____

Objective Solve rational equations and inequalities.

 **TEKS 2A.10.D:** Rational functions: determine the solutions of rational 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. 600 and [Warm Up Transparency 8-5](#)
 Countdown to TAKS SE Week 18 and Countdown to TAKS Transparency Week 18

TEACH

- Lesson Presentation CD-ROM 8-5
 [Alternate Opener, Exploration Transparency 8-5, TE p. 600](#)
 Reaching All Learners TE p. 601
 [Additional Examples Transparencies 8-5](#)
 Texas Lab Manual 8-5
 [Texas Know-It Notebook 8-5](#)

PRACTICE AND APPLY

- Examples 1-3: Basic: 19–28, 38–43, 47–49 Average: 19–28, 38–43, 47–49, 58 Advanced: 19–28, 38–43, 47–49, 58–59
 Examples 1-6: Basic: 19–49, 51, 53–57, 63–67 Average: 19–58, 63–67 Advanced: 19–67

REACHING ALL LEARNERS – Differentiated Instruction for students with

Developing Knowledge	On-level Knowledge	Advanced Knowledge	English Language Development
<input type="checkbox"/> Multiple Representations TE p. 601	<input type="checkbox"/> Multiple Representations TE p. 601	<input type="checkbox"/> Multiple Representations TE p. 601	<input type="checkbox"/> Multiple Representations TE p. 601
<input type="checkbox"/> Practice A 8-5 CRB	<input type="checkbox"/> Practice B 8-5 CRB	<input type="checkbox"/> Practice C 8-5 CRB	<input type="checkbox"/> Practice A, B, or C 8-5 CRB
<input type="checkbox"/> Reteach 8-5 CRB		<input type="checkbox"/> Challenge 8-5 CRB	<input type="checkbox"/> Success for ELL 8-5
<input type="checkbox"/> Homework Help Online Keyword: MB7 8-5	<input type="checkbox"/> Homework Help Online Keyword: MB7 8-5	<input type="checkbox"/> Homework Help Online Keyword: MB7 8-5	<input type="checkbox"/> Homework Help Online Keyword: MB7 8-5
<input type="checkbox"/> Lesson Tutorial Video 8-5	<input type="checkbox"/> Lesson Tutorial Video 8-5	<input type="checkbox"/> Lesson Tutorial Video 8-5	<input type="checkbox"/> Lesson Tutorial Video 8-5
<input type="checkbox"/> Reading Strategies 8-5 CRB	<input type="checkbox"/> Problem Solving 8-5 CRB	<input type="checkbox"/> Problem Solving 8-5 CRB	<input type="checkbox"/> Reading Strategies 8-5 CRB
<input type="checkbox"/> Questioning Strategies TE p. 601, 602, 603, 604	<input type="checkbox"/> Reading Math TE p. 604	<input type="checkbox"/> Measurement TE p. 605	<input type="checkbox"/> Lesson Vocabulary SE p. 600
<input type="checkbox"/> IDEA Works! 8-5			<input type="checkbox"/> Multilingual Glossary

ASSESSMENT

- Lesson Quiz, TE p. 607 and [Transparency 8-5](#)
 [Texas Test Prep Online Keyword: MB7 TestPrep](#)