

**Roots of Real Numbers** (pp. 245–249)**Day 1: Simplify Radicals**

Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Materials/Resources Needed: \_\_\_\_\_

**Objective**

\_\_\_\_ Simplify radicals.

\_\_\_\_ State/Local Objectives: \_\_\_\_\_

**Focus**

\_\_\_\_ Collection of homework

\_\_\_\_ *5-Minute Check Transparencies*, Lesson 5-5**Teach**\_\_\_\_ Examples 1, 2, *SE*, pp. 246–247\_\_\_\_ In-Class Examples 1, 2, *TWE*, pp. 246–247\_\_\_\_ *Interactive Chalkboard*, *CD-ROM*, Lesson 5-5

\_\_\_\_ algebra2.com/extra\_examples

\_\_\_\_ Check for Understanding, Exercises 1–3, 7–14, *SE*, pp. 247–248\_\_\_\_ Daily Intervention, *TWE*, p. 246**Practice/Apply****Homework Assignments**\_\_\_\_ Practice and Apply, Exercises 28–51, 63, *SE*, pp. 248–249

\_\_\_\_ Alternate Assignment \_\_\_\_\_

\_\_\_\_ Skills Practice, Exercises 9–28, *CRM*, p. 265

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## Day 2: Approximate Radicals with a Calculator

Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Materials/Resources Needed: \_\_\_\_\_

### Objective

\_\_\_ Use a calculator to approximate radicals.

\_\_\_ State/Local Objectives: \_\_\_\_\_

### Focus

\_\_\_ Review of homework using *Answer Key Transparencies*, Lesson 5-5

\_\_\_ Maintain Your Skills, Exercises 67–76, *SE*, p. 249

### Teach

\_\_\_ Example 3, *SE*, p. 247

\_\_\_ In-Class Example 3, *TWE*, p. 247

\_\_\_ *Interactive Chalkboard*, *CD-ROM*, Lesson 5-5

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\_\_\_ Check for Understanding, Exercises 4–6, 15, *SE*, p. 248

\_\_\_ Daily Intervention, *TWE*, p. 247

### Practice/Apply

#### Homework Assignments

\_\_\_ Practice and Apply, Exercises 16–27, 60–62, 64–66, *SE*, pp. 248–249

\_\_\_ Alternate Assignment \_\_\_\_\_

\_\_\_ Skills Practice, Exercises 1–8, *CRM*, p. 265

### Assess

\_\_\_ Open-Ended Assessment, *TWE*, p. 249

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## Day 3: Review

Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

Materials/Resources Needed: \_\_\_\_\_

### Objectives

- \_\_\_ Simplify radicals.
- \_\_\_ Use a calculator to approximate radicals.
- \_\_\_ State/Local Objectives: \_\_\_\_\_

### Focus

- \_\_\_ Review of homework using *Answer Key Transparencies*, Lesson 5-5
- \_\_\_ Maintain Your Skills, Exercises 77–82, *SE*, p. 249

### Teach

- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 267
- \_\_\_ Study Guide and Intervention, Examples, *CRM*, pp. 263–264

### Practice/Apply

#### Homework Assignments

- \_\_\_ Study Guide and Intervention, All Exercises, *CRM*, pp. 263–264
- \_\_\_ Alternate Assignment \_\_\_\_\_

- \_\_\_ Practice, *CRM*, p. 266
- \_\_\_ Extra Practice, *SE*, p. 838

### Assess

- \_\_\_ Assessment, Quiz, *CRM*, p. 307
- \_\_\_ Assessment, Mid-Chapter Test, *CRM*, p. 309
- \_\_\_ algebra2.com/self\_check\_quiz