

# Inverse Functions and Relations (pp. 390–394)

## Day 1: Find Inverses

7-8

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

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

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

### Objective

\_\_\_ Find the inverse of a function or relation.

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

### Focus

\_\_\_ Collection of homework

\_\_\_ *5-Minute Check Transparencies*, Lesson 7-8

### Teach

\_\_\_ Examples 1, 2, *SE*, pp. 390–391

\_\_\_ In-Class Examples 1, 2, *TWE*, p. 391

\_\_\_ *Interactive Chalkboard*, *CD-ROM*, Lesson 7-8

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

\_\_\_ Check for Understanding, Exercises 2, 5–9, 12, 13, *SE*, p. 393

### Practice/Apply

#### Homework Assignments

\_\_\_ Practice and Apply, Exercises 14–31, 38–41, 44–47, *SE*, pp. 393–394

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

\_\_\_ Skills Practice, Exercises 1–12, *CRM*, p. 419

\_\_\_ *School-to-Career Masters*, p. 14

### Assess

\_\_\_ Open-Ended Assessment, *TWE*, p. 394

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## Day 2: Inverses of Relations and Functions

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

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

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

### Objective

\_\_\_ Determine whether two functions or relations are inverses.

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

### Focus

\_\_\_ Review of homework using *Answer Key Transparencies*, Lesson 7-8

\_\_\_ Maintain Your Skills, Exercises 48–50, 53–55, *SE*, p. 394

### Teach

\_\_\_ Example 3, *SE*, p. 392

\_\_\_ In-Class Example 3, *TWE*, p. 392

\_\_\_ *Interactive Chalkboard*, *CD-ROM*, Lesson 7-8

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

\_\_\_ Algebra Activity, *SE*, p. 392

\_\_\_ Daily Intervention, *TWE*, p. 391

\_\_\_ Check for Understanding, Exercises 1, 3, 4, 10, 11, *SE*, p. 393

### Practice/Apply

#### Homework Assignments

\_\_\_ Practice and Apply, Exercises 32–37, 42, 43, *SE*, pp. 393–394

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

\_\_\_ Skills Practice, Exercises 13–18, *CRM*, p. 419

### Assess

\_\_\_ algebra2.com/self\_check\_quiz

# Inverse Functions and Relations (pp. 390–394)

## Day 3: Review

7-8

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

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

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

### Objectives

- \_\_\_ Find the inverse of a function or relation.
- \_\_\_ Determine whether two functions or relations are inverses.
- \_\_\_ State/Local Objectives: \_\_\_\_\_

### Focus

- \_\_\_ Review of homework using *Answer Key Transparencies*, Lesson 7-8
- \_\_\_ Maintain Your Skills, Exercises 56–61, *SE*, p. 394

### Teach

- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 421
- \_\_\_ Study Guide and Intervention, Examples, *CRM*, pp. 417–418

### Practice/Apply

#### Homework Assignments

- \_\_\_ Study Guide and Intervention, All Exercises, *CRM*, pp. 417–418
- \_\_\_ Alternate Assignment \_\_\_\_\_

- \_\_\_ Practice, *CRM*, p. 420
- \_\_\_ Extra Practice, *SE*, p. 844

### Assess

- \_\_\_ Assessment, Quiz, Exercises 1–3, *CRM*, p. 444
- \_\_\_ Assessment, Unit 2 Test, Exercises 1–21, 28, 29, *CRM*, pp. 449–450
- \_\_\_ [algebra2.com/self\\_check\\_quiz](http://algebra2.com/self_check_quiz)