

# Midpoint and Distance Formulas (pp. 412–416)

## Day 1: The Midpoint Formula

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

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

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

### Objective

\_\_\_\_ Find the midpoint of a segment on the coordinate plane.

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

### Focus

\_\_\_\_ *5-Minute Check Transparencies*, Lesson 7-9\_\_\_\_ Building on Prior Knowledge, *TWE*, p. 412

### Teach

\_\_\_\_ Example 1, *SE*, p. 412\_\_\_\_ In-Class Example 1, *TWE*, p. 413\_\_\_\_ *Interactive Chalkboard*, *CD-ROM*, Lesson 8-1

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

\_\_\_\_ Check for Understanding, Exercises 1, 4, 5, *SE*, p. 414

### Practice/Apply

#### Homework Assignments

\_\_\_\_ Practice and Apply, Exercises 10–13, 18, 20, 41, 44, *SE*, pp. 414–416

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

\_\_\_\_ Skills Practice, Exercises 1–12, *CRM*, p. 457

# Midpoint and Distance Formulas (pp. 412–416)

## Day 2: The Distance Formula

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

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

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

### Objective

\_\_\_\_ Find the distance between two points on the coordinate plane.

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

### Focus

\_\_\_\_ Review of homework using *Answer Key Transparencies*, Lesson 8-1

\_\_\_\_ Maintain Your Skills, Exercises 50–53, *SE*, p. 416

### Teach

\_\_\_\_ Examples 2, 3, *SE*, pp. 413–414

\_\_\_\_ In-Class Examples 2, 3, *TWE*, p. 413

\_\_\_\_ *Interactive Chalkboard*, *CD-ROM*, Lesson 8-1

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

\_\_\_\_ Check for Understanding, Exercises 2, 3, 6–9, *SE*, p. 414

\_\_\_\_ Daily Intervention, *TWE*, p. 414

### Practice/Apply

#### Homework Assignments

\_\_\_\_ Practice and Apply, Exercises 24–31, 34, 35, 38–40, 42, 43, *SE*, pp. 415–416

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

\_\_\_\_ Skills Practice, Exercises 13-26, *CRM*, p. 457

### Assess

\_\_\_\_ Open-Ended Assessment, *TWE*, p. 416

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

# Midpoint and Distance Formulas (pp. 412–416)

## Day 3: Review

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

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

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

### Objectives

- \_\_\_ Find the midpoint of a segment on the coordinate plane.
- \_\_\_ Find the distance between two points on the coordinate plane.
- \_\_\_ State/Local Objectives: \_\_\_\_\_

### Focus

- \_\_\_ Review of homework using *Answer Key Transparencies*, Lesson 8-1
- \_\_\_ Maintain Your Skills, Exercises 54–59, *SE*, p. 416

### Teach

- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 459
- \_\_\_ Study Guide and Intervention, Examples, *CRM*, pp. 455–456

### Practice/Apply

#### Homework Assignments

- \_\_\_ Study Guide and Intervention, All Exercises, *CRM*, pp. 455–456
- \_\_\_ Alternate Assignment \_\_\_\_\_

- \_\_\_ Practice, *CRM*, p. 458
- \_\_\_ Extra Practice, *SE*, p. 845

### Assess

- \_\_\_ [algebra2.com/self\\_check\\_quiz](http://algebra2.com/self_check_quiz)