

# Operations with Matrices (pp. 160–166)

## Day 1: Add and Subtract Matrices

4-2

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

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

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

### Objective

\_\_\_ Add and subtract matrices.

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

### Focus

\_\_\_ Collection of homework

\_\_\_ *5-Minute Check Transparencies*, Lesson 4-2

### Teach

\_\_\_ Examples 1–3, *SE*, pp. 160–162

\_\_\_ In-Class Examples 1–3, *TWE*, p. 161

\_\_\_ *Interactive Chalkboard*, *CD-ROM*, Lesson 4-2

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

\_\_\_ Check for Understanding, Exercises 1–5, 8, 11–13, *SE*, pp. 163–164

\_\_\_ Daily Intervention, *TWE*, p. 161

### Practice/Apply

#### Homework Assignments

\_\_\_ Practice and Apply, Exercises 14–16, 24, 25, 30–39, 41–43, *SE*, pp. 164–166

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

\_\_\_ Skills Practice, Exercises 1–4, 11–14, *CRM*, p. 177

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## Day 2: Scalar Multiplication

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

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

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

### Objective

\_\_\_ Multiply by a matrix scalar.

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

### Focus

\_\_\_ Review of homework using *Answer Key Transparencies*, Lesson 4-2

\_\_\_ Maintain Your Skills, Exercises 44–58, *SE*, p. 166

\_\_\_ Building on Prior Knowledge, *TWE*, p. 162

### Teach

\_\_\_ Examples 4, 5, *SE*, pp. 162–163

\_\_\_ In-Class Examples 4, 5, *TWE*, pp. 162–163

\_\_\_ *Interactive Chalkboard*, *CD-ROM*, Lesson 4-2

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

\_\_\_ Graphing Calculator Investigation, *SE*, p. 163

\_\_\_ Check for Understanding, Exercises 6, 7, 9, 10, *SE*, pp. 163–164

\_\_\_ Daily Intervention, *TWE*, p. 162

### Practice/Apply

#### Homework Assignments

\_\_\_ Practice and Apply, Exercises 17–19, 26–29, 40, *SE*, pp. 164–166

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

\_\_\_ Skills Practice, Exercises 5–10, 15–18, *CRM*, p. 177

### Assess

\_\_\_ Open-Ended Assessment, *TWE*, p. 166

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

# Operations with Matrices (pp. 160–166)

## Day 3: Review

4-2

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

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

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

### Objectives

- \_\_\_ Add and subtract matrices.
- \_\_\_ Multiply by a matrix scalar.
- \_\_\_ State/Local Objectives: \_\_\_\_\_

### Focus

- \_\_\_ Review of homework using *Answer Key Transparencies*, Lesson 4-2
- \_\_\_ Maintain Your Skills, Exercises 59–62, *SE*, p. 166

### Teach

- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 179
- \_\_\_ Study Guide and Intervention, Examples, *CRM*, pp. 175–176

### Practice/Apply

#### Homework Assignments

- \_\_\_ Study Guide and Intervention, All Exercises, *CRM*, pp. 175–176
- \_\_\_ Alternate Assignment \_\_\_\_\_

- \_\_\_ Practice, *CRM*, p. 178
- \_\_\_ Extra Practice, *SE*, p. 834

### Assess

- \_\_\_ Assessment, Quiz, *CRM*, p. 231
- \_\_\_ [algebra2.com/self\\_check\\_quiz](http://algebra2.com/self_check_quiz)