

# Introduction to Matrices (pp. 154–158)

## Day 1: Organize Data

4-1

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

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

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

### Objective

\_\_\_ Organize data in matrices.

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

### Focus

\_\_\_ 5-Minute Check Transparencies, Lesson 4-1

\_\_\_ Building on Prior Knowledge, TWE, p. 154

### Teach

\_\_\_ Examples 1, 2, SE, pp. 154–155

\_\_\_ In-Class Examples 1, 2, TWE, p. 155

\_\_\_ Interactive Chalkboard, CD-ROM, Lesson 4-1

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

\_\_\_ Check for Understanding, Exercises 2, 4, 5, 8, 9, SE, p. 156

\_\_\_ Daily Intervention, TWE, p. 155

### Practice/Apply

#### Homework Assignments

\_\_\_ Practice and Apply, Exercises 10–15, 26–29, 32–35, SE, pp. 156–158

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

\_\_\_ Skills Practice, Exercises 1–6, CRM, p. 171

\_\_\_ Spreadsheet Investigation, SE, p. 159

\_\_\_ Real-World Transparencies and Masters, p. 4

**Introduction to Matrices** (pp. 154–158)**Day 2: Equations Involving Matrices**

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

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

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

**Objective**

\_\_\_\_ Solve equations involving matrices.

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

**Focus**\_\_\_\_ Review of homework using *Answer Key Transparencies*, Lesson 4-1\_\_\_\_ Maintain Your Skills, Exercises 37–49, *SE*, p. 158**Teach**\_\_\_\_ Example 3, *SE*, pp. 155–156\_\_\_\_ In-Class Example 3, *TWE*, p. 155\_\_\_\_ *Interactive Chalkboard*, *CD-ROM*, Lesson 4-1

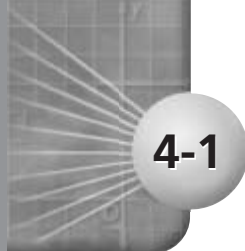
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\_\_\_\_ Check for Understanding, Exercises 1, 3, 6, 7, *SE*, p. 156**Practice/Apply****Homework Assignments**\_\_\_\_ Practice and Apply, Exercises 16–23, 36, *SE*, pp. 157–158

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

\_\_\_\_ Skills Practice, Exercises 7–20, *CRM*, p. 171**Assess**\_\_\_\_ Open-Ended Assessment, *TWE*, p. 158

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# Introduction to Matrices (pp. 154–158)

## Day 3: Review

4-1

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

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

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

### Objectives

- \_\_\_ Organize data in matrices.
- \_\_\_ Solve equations involving matrices.
- \_\_\_ State/Local Objectives: \_\_\_\_\_

### Focus

- \_\_\_ Review of homework using *Answer Key Transparencies*, Lesson 4-1
- \_\_\_ Maintain Your Skills, Exercises 50–57, *SE*, p. 158

### Teach

- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 173
- \_\_\_ Study Guide and Intervention, Examples, *CRM*, pp. 169–170

### Practice/Apply

#### Homework Assignments

- \_\_\_ Study Guide and Intervention, All Exercises, *CRM*, pp. 169–170
- \_\_\_ Alternate Assignment \_\_\_\_\_

- \_\_\_ Practice, *CRM*, p. 172
- \_\_\_ Extra Practice, *SE*, p. 834

### Assess

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