

Using Matrices to Solve Systems of Equations (pp. 202–207)

Day 1: Write Matrix Equations

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/Resources Needed: _____

Objective

- _____ Write matrix equations for systems of equations.
- _____ State/Local Objectives: _____

Focus

- _____ Collection of homework
- _____ *5-Minute Check Transparencies*, Lesson 4-8
- _____ Building on Prior Knowledge, *TWE*, p. 202

Teach

- _____ Examples 1, 2, *SE*, pp. 202–203
- _____ In-Class Examples 1, 2, *TWE*, p. 203
- _____ *Interactive Chalkboard*, *CD-ROM*, Lesson 4-8
- _____ algebra2.com/extra_examples
- _____ Check for Understanding, Exercises 1, 2, 4–6, *SE*, p. 205

Practice/Apply

Homework Assignments

- _____ Practice and Apply, Exercises 12–19, *SE*, p. 206
- _____ Alternate Assignment _____

- _____ Skills Practice, Exercises 1–8, *CRM*, p. 213

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Day 2: Solve Systems of Equations

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/Resources Needed: _____

Objective

____ Solve systems of equations using matrix equations.

____ State/Local Objectives: _____

Focus

____ Review of homework using *Answer Key Transparencies*, Lesson 4-8

____ Maintain Your Skills, Exercises 42–44, *SE*, p. 207

Teach

____ Examples 3, 4, *SE*, p. 204

____ In-Class Examples 3, 4, *TWE*, p. 204

____ *Interactive Chalkboard*, *CD-ROM*, Lesson 4-8

____ algebra2.com/extra_examples

____ Graphing Calculator Investigation, *SE*, p. 205

____ Daily Intervention, *TWE*, p. 204

____ Check for Understanding, Exercises 3, 7–11, *SE*, p. 205

Practice/Apply

Homework Assignments

____ Practice and Apply, Exercises 20–38, *SE*, pp. 206–207

____ Alternate Assignment _____

____ Skills Practice, Exercises 9–18, *CRM*, p. 213

____ Graphing Calculator Investigation, *SE*, p. 208

____ *School-to-Career Masters*, p. 8

Assess

____ Open-Ended Assessment, *TWE*, p. 207

____ algebra2.com/self_check_quiz

Using Matrices to Solve Systems of Equations (pp. 202–207)

Day 3: Review

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/Resources Needed: _____

Objectives

- _____ Write matrix equations for systems of equations.
- _____ Solve systems of equations using matrix equations.
- _____ State/Local Objectives: _____

Focus

- _____ Review of homework using *Answer Key Transparencies*, Lesson 4-8
- _____ Maintain Your Skills, Exercises 48–51, *SE*, p. 207

Teach

- _____ Reading to Learn Mathematics, *CRM*, p. 215
- _____ Study Guide and Intervention, Examples, *CRM*, pp. 211–212

Practice/Apply

Homework Assignments

- _____ Study Guide and Intervention, All Exercises, *CRM*, pp. 211–212
- _____ Alternate Assignment _____

- _____ Practice, *CRM*, p. 214
- _____ Extra Practice, *SE*, p. 836

Assess

- _____ Assessment, Quiz, *CRM*, p. 232
- _____ algebra2.com/self_check_quiz