

# Lesson Planning Guide (pp. 192–196)



**4-1**

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

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

NCTM Standards
2, 3, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Day 1 of 14
Regular Advanced	Day 1 of 14
Block Average	Day 1 of 7
Block Advanced	Day 1 of 7

## Objectives

- \_\_\_ Locate points on the coordinate plane.
- \_\_\_ Graph points on a coordinate plane.
- \_\_\_ State/local objectives: \_\_\_\_\_

### 1 Focus

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

- \_\_\_ Building on Prior Knowledge, *TWE*, p. 192
- \_\_\_ 5-Minute Check Transparencies, Lesson 4-1
- \_\_\_ Mathematical Background, *TWE*, p. 190C
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, pp. 193–194
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 4-1
- \_\_\_ algebra1.com/extra\_examples/gee21
- \_\_\_ *Guide to Daily Intervention*, pp. 14–15
- \_\_\_ Study Guide and Intervention, *CRM*, pp. 213–214
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 217
- \_\_\_ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Skills Practice, *CRM*, p. 215
- \_\_\_ Practice, *CRM*, p. 216
- \_\_\_ Extra Practice, *SE*, p. 828
- \_\_\_ Differentiated Instruction, *TWE*, p. 196
- \_\_\_ *Parent and Student Study Guide Workbook*, p. 29
- \_\_\_ *Answer Key Transparencies*, Lesson 4-1

#### Assignment Guide, pp. 194–196, SE

	Objective 1	Objective 2	Other
Basic	13–21 odd, 37–43 odd	25–29 odd	31–35 odd, 44–47, 51–71
Average	13–23 odd, 37–43 odd	25–29 odd	31–35 odd, 44–47, 51– 71 (optional: 48–50)
Advanced	14–24 even, 38–42 even	26–30 even	32–36 even, 44–66 (optional: 66–71)
Alternate Assignment _____			

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 196
- \_\_\_ Enrichment, *CRM*, p. 218
- \_\_\_ algebra1.com/self\_check\_quiz/gee21
- \_\_\_ Countdown to GEE 21, *TWE*, p. LA20

\_\_\_ *Closing the Gap for Absent Students*, pp. 8–9

**KEY** SE = Student Edition      TWE = Teacher Wraparound Edition      CRM = Chapter Resource Masters

# Lesson Planning Guide (pp. 197–203)



4-2

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

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

NCTM Standards
2, 3, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Days 2 & 3 of 14
Regular Advanced	Days 2 & 3 of 14
Block Average	Days 1 & 2 of 7
Block Advanced	Days 1 & 2 of 7

**Louisiana Grade-Level Expectations, Grade 9: 26**

## Objectives

- \_\_\_ Transform figures by using reflections, translations, dilations, and rotations.
- \_\_\_ Transform figures on a coordinate plane by using reflections, translations, dilations, and rotations.
- \_\_\_ State/local objectives: \_\_\_\_\_

### 1 Focus

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

- \_\_\_ Building on Prior Knowledge, *TWE*, p. 197
- \_\_\_ *5-Minute Check Transparencies*, Lesson 4-2
- \_\_\_ Mathematical Background, *TWE*, p. 190C
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, pp. 198–200
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 4-2
- \_\_\_ algebra1.com/extra\_examples/gee21
- \_\_\_ *Guide to Daily Intervention*, pp. 14–15
- \_\_\_ Daily Intervention, *TWE*, p. 198
- \_\_\_ Study Guide and Intervention, *CRM*, pp. 219–220
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 223
- \_\_\_ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Skills Practice, *CRM*, p. 221
- \_\_\_ Practice, *CRM*, p. 222
- \_\_\_ Extra Practice, *SE*, p. 828
- \_\_\_ Differentiated Instruction, *TWE*, p. 199
- \_\_\_ *Graphing Calculator and Spreadsheet Masters*, p. 29
- \_\_\_ *Parent and Student Study Guide Workbook*, p. 30
- \_\_\_ *Answer Key Transparencies*, Lesson 4-2

#### Assignment Guide, pp. 200–203, SE

	Objective 1	Objective 2	Other
Basic	11–15 odd, 34	17–23 odd, 27–31 odd, 35, 36	28, 39–43, 47–59
Average	11–15 odd, 34	17–33 odd, 35, 36	39–43, 47–59 (optional: 44–46)
Advanced	12–16 even, 37, 38	18–26 even, 30, 32	39–57 (optional: 58, 59)
Alternate Assignment _____			

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 230
- \_\_\_ Enrichment, *CRM*, p. 224
- \_\_\_ Assessment, Quiz, *CRM*, p. 275
- \_\_\_ algebra1.com/self\_check\_quiz/gee21
- \_\_\_ Countdown to GEE 21, *TWE*, p. LA20

\_\_\_ *Closing the Gap for Absent Students*, pp. 8–9

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# Graphing Calculator Investigation (p. 204)



## A Preview of Lesson 4-3

4

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

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

NCTM Standards
3, 8

Recommended Pacing	
Regular Average	Day 4 of 14
Regular Advanced	Day 4 of 14
Block Average	Day 2 of 14
Block Advanced	Day 2 of 14

### Objectives

\_\_\_ Use a graphing calculator to graph relations.

\_\_\_ State/local objectives: \_\_\_\_\_

### Getting Started

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

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### Teach

\_\_\_ [algebra1.com/other\\_calculator\\_keystrokes](http://algebra1.com/other_calculator_keystrokes)

Assignment Guide, p. 204, SE	
All	1-5
Alternate Assignment _____	

### Assess

# Lesson Planning Guide (pp. 205–211)



**4-3**

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

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

NCTM Standards
2, 3, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Day 5 of 14
Regular Advanced	Day 5 of 14
Block Average	Day 3 of 7
Block Advanced	Day 3 of 7

## Objectives

- \_\_\_ Represent relations as sets of ordered pairs, tables, mappings, and graphs.
- \_\_\_ Find the inverse of a relation.
- \_\_\_ State/local objectives: \_\_\_\_\_

**Louisiana Grade-Level Expectations, Grade 9: 15**

### 1 Focus

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

- \_\_\_ *5-Minute Check Transparencies*, Lesson 4-3
- \_\_\_ *Mathematical Background*, *TWE*, p. 190C
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, pp. 206–207
- \_\_\_ *Teaching Algebra with Manipulatives*, pp. 85–86
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 4-3
- \_\_\_ algebra1.com/extra\_examples/gee21
- \_\_\_ algebra1.com/data\_update
- \_\_\_ *Guide to Daily Intervention*, pp. 14–15
- \_\_\_ *Study Guide and Intervention, CRM*, pp. 225–226
- \_\_\_ *Reading to Learn Mathematics, CRM*, p. 229
- \_\_\_ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ *Skills Practice, CRM*, p. 227
- \_\_\_ *Practice, CRM*, p. 228
- \_\_\_ *Extra Practice, SE*, p. 829
- \_\_\_ *Differentiated Instruction, TWE*, p. 206
- \_\_\_ *School-to-Career Masters*, p. 7
- \_\_\_ *Science and Mathematics Lab Manual*, pp. 47–52
- \_\_\_ *Parent and Student Study Guide Workbook*, p. 31
- \_\_\_ *Answer Key Transparencies*, Lesson 4-3
- \_\_\_ *WebQuest and Projects Resources*, p. 30

#### Assignment Guide, pp. 208–211, SE

	Objective 1	Objective 2	Other
Basic	19–37 odd, 38	27–37 odd, 39	40, 49–52, 57–80
Average	19–37 odd, 38	27–37 odd, 39	40–43, 49–52, 57–80 (optional: 53–56)
Advanced	18–36 even	26–36 even, 48	41–47, 49–74 (optional: 75–80)
All	Practice Quiz 1 (1–10)		
Alternate Assignment _____			

### 4 Assess

- \_\_\_ *Practice Quiz 1, SE*, p. 211
- \_\_\_ *Open-Ended Assessment, TWE*, p. 211
- \_\_\_ *Enrichment, CRM*, p. 230
- \_\_\_ algebra1.com/self\_check\_quiz/gee21
- \_\_\_ *Countdown to GEE 21, TWE*, p. LA21

\_\_\_ *Closing the Gap for Absent Students*, pp. 8–9

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# Lesson Planning Guide (pp. 212–217)



**4-4**

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

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

NCTM Standards
2, 3, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Day 6 of 14
Regular Advanced	Day 6 of 14
Block Average	Day 3 of 7
Block Advanced	Day 3 of 7

## Objectives

- \_\_\_ Use an equation to determine the range for a given domain.
- \_\_\_ Graph the solution set for a given domain.
- \_\_\_ State/local objectives: \_\_\_\_\_

<b>Louisiana Grade-Level Expectations, Grade 9: 15</b>
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### 1 Focus

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

- \_\_\_ Building on Prior Knowledge, *TWE*, p. 213
- \_\_\_ *5-Minute Check Transparencies*, Lesson 4-4
- \_\_\_ Mathematical Background, *TWE*, p. 190D
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, pp. 213–214
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 4-4
- \_\_\_ algebra1.com/extra\_examples/gee21
- \_\_\_ algebra1.com/career\_choices
- \_\_\_ *Guide to Daily Intervention*, pp. 14–15
- \_\_\_ Study Guide and Intervention, *CRM*, pp. 231–232
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 235
- \_\_\_ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Skills Practice, *CRM*, p. 233
- \_\_\_ Practice, *CRM*, p. 234
- \_\_\_ Extra Practice, *SE*, p. 829
- \_\_\_ Differentiated Instruction, *TWE*, p. 213
- \_\_\_ *Parent and Student Study Guide Workbook*, p. 32
- \_\_\_ *Answer Key Transparencies*, Lesson 4-4

Assignment Guide, pp. 215–217, <i>SE</i>			
	Objective 1	Objective 2	Other
Basic	15–37 odd, 40–44 even	33–37 odd	39, 47–51, 56–76
Average	15–37 odd 40–44 even	33–37 odd, 45	39–43 odd, 47–51, 56–76 (optional: 52–55)
Advanced	14–36 even, 42, 44	32–36 even	38, 43, 46–70 (optional: 71–76)
Alternate Assignment _____			

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 217
- \_\_\_ Enrichment, *CRM*, p. 236
- \_\_\_ Assessment, Mid-Chapter Test, *CRM*, p. 277
- \_\_\_ Assessment, Quiz, *CRM*, p. 275
- \_\_\_ algebra1.com/self\_check\_quiz/gee21
- \_\_\_ Countdown to GEE 21, *TWE*, p. LA21

\_\_\_ *Closing the Gap for Absent Students*, pp. 8–9

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# Lesson Planning Guide (pp. 218–223)



4-5

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

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

NCTM Standards
2, 3, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Day 7 of 14
Regular Advanced	Day 7 of 14
Block Average	Day 4 of 7
Block Advanced	Day 4 of 7

**Louisiana Grade-Level Expectations, Grade 9: 23, 37**

## Objectives

- \_\_\_ Determine whether an equation is linear.
- \_\_\_ Graph linear equations.
- \_\_\_ State/local objectives: \_\_\_\_\_

### 1 Focus

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

- \_\_\_ 5-Minute Check Transparencies, Lesson 4-5
- \_\_\_ Mathematical Background, *TWE*, p. 190D
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, pp. 219–220
- \_\_\_ *Teaching Algebra with Manipulatives*, p. 87
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 4-5
- \_\_\_ algebra1.com/extra\_examples/gee21
- \_\_\_ *Guide to Daily Intervention*, pp. 14–15
- \_\_\_ Daily Intervention, *TWE*, p. 219
- \_\_\_ Study Guide and Intervention, *CRM*, pp. 237–238
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 241
- \_\_\_ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Skills Practice, *CRM*, p. 239
- \_\_\_ Practice, *CRM*, p. 240
- \_\_\_ Extra Practice, *SE*, p. 829
- \_\_\_ Differentiated Instruction, *TWE*, p. 220
- \_\_\_ *Graphing Calculator and Spreadsheet Masters*, p. 30
- \_\_\_ *Parent and Student Study Guide Workbook*, p. 33
- \_\_\_ *Answer Key Transparencies*, Lesson 4-5
- \_\_\_ *AlgePASS CD-ROM*, Lesson 9

#### Assignment Guide, pp. 221–223, SE

	Objective 1	Objective 2	Other
Basic	17–25 odd	27–41 odd, 48, 50	45–47, 57–84
Average	17–25 odd	27–43 odd, 50	45, 49, 51–53, 57–84
Advanced	16–24 even	26–42 even	44, 52–78 (optional: 79–84)

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

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 223
- \_\_\_ Enrichment, *CRM*, p. 242
- \_\_\_ algebra1.com/self\_check\_quiz/gee21
- \_\_\_ Countdown to GEE 21, *TWE*, p. LA21

\_\_\_ *Closing the Gap for Absent Students*, pp. 8–9

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# Graphing Calculator Investigation (pp. 224–225)



## A Follow-Up of Lesson 4-5

4

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

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

NCTM Standards
2, 3, 10

Recommended Pacing	
Regular Average	Day 8 of 14
Regular Advanced	Day 8 of 14
Block Average	Day 4 of 7
Block Advanced	Day 4 of 7

### Objectives

\_\_\_ Use a graphing calculator to graph relations.

\_\_\_ State/local objectives: \_\_\_\_\_

### Getting Started

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Teach

\_\_\_ [algebra1.com/other\\_calculator\\_keystrokes](http://algebra1.com/other_calculator_keystrokes)

Assignment Guide, p. 225, SE	
All	1–15
Alternate Assignment _____	

### Assess

# Lesson Planning Guide (pp. 226–231)



4-6

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

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

NCTM Standards
2, 3, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Day 9 of 14
Regular Advanced	Day 9 of 14
Block Average	Day 5 of 7
Block Advanced	Day 5 of 7

**Louisiana Grade-Level Expectations, Grade 9: 35**

## Objectives

- \_\_\_ Determine whether a relation is a function.
- \_\_\_ Find function values.
- \_\_\_ State/local objectives: \_\_\_\_\_

### 1 Focus

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

- \_\_\_ 5-Minute Check Transparencies, Lesson 4-6
- \_\_\_ Mathematical Background, *TWE*, p. 226
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, pp. 227–228
- \_\_\_ *Teaching Algebra with Manipulatives*, pp. 88–89
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 4-6
- \_\_\_ algebra1.com/extra\_examples/gee21
- \_\_\_ *Guide to Daily Intervention*, pp. 14–15
- \_\_\_ Study Guide and Intervention, *CRM*, pp. 243–244
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 247
- \_\_\_ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Skills Practice, *CRM*, p. 245
- \_\_\_ Practice, *CRM*, p. 246
- \_\_\_ Extra Practice, *SE*, p. 830
- \_\_\_ Differentiated Instruction, *TWE*, p. 227
- \_\_\_ *School-to-Career Masters*, p. 8
- \_\_\_ *Science and Mathematics Lab Manual*, pp. 141–146
- \_\_\_ *Parent and Student Study Guide Workbook*, p. 34
- \_\_\_ *Real-World Application Transparencies and Masters*
- \_\_\_ *Answer Key Transparencies*, Lesson 4-6
- \_\_\_ *AlgePASS CD-ROM*, Lesson 10
- \_\_\_ algebra1.com/webquest

#### Assignment Guide, pp. 229–231, *SE*

	Objective 1	Objective 2	Other
Basic	17–31 odd	33–41 odd	45–58, 52–70
Average	17–31 odd	33–43 odd	45–58, 52–70
Advanced	18–30 even	32–42 even	44, 49–65 (optional: 65–70)
All	Practice Quiz 2 (1–10)		
Alternate Assignment _____			

### 4 Assess

- \_\_\_ Practice Quiz 2, *SE*, p. 231
- \_\_\_ Open-Ended Assessment, *TWE*, p. 231
- \_\_\_ Enrichment, *CRM*, p. 248
- \_\_\_ Assessment, Quiz, *CRM*, p. 276
- \_\_\_ algebra1.com/self\_check\_quiz/gee21
- \_\_\_ Countdown to GEE 21, *TWE*, p. LA21

\_\_\_ *Closing the Gap for Absent Students*, pp. 8–9

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# Spreadsheet Investigation (p. 232)



## A Preview of Lesson 4-7

4

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

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

NCTM Standards
1, 2, 6

Recommended Pacing	
Regular Average	Day 10 of 14
Regular Advanced	Day 10 of 14
Block Average	Day 5 of 7
Block Advanced	Day 5 of 7

### Objectives

\_\_\_ Use a spreadsheet to generate number sequences and patterns.

\_\_\_ State/local objectives: \_\_\_\_\_

### Getting Started

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

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### Teach

Assignment Guide, p. 232, SE	
All	1-5
Alternate Assignment _____	

### Assess

# Lesson Planning Guide (pp. 233–239)



**4-7**

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

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

NCTM Standards
1, 2, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Day 11 of 14
Regular Advanced	Day 11 of 14
Block Average	Day 6 of 7
Block Advanced	Day 6 of 7

## Objectives

- \_\_\_ Recognize arithmetic sequences.
- \_\_\_ Extend and write formulas for arithmetic sequences.
- \_\_\_ State/local objectives: \_\_\_\_\_

### 1 Focus

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

- \_\_\_ Building on Prior Knowledge, *TWE*, p. 234
- \_\_\_ *5-Minute Check Transparencies*, Lesson 4-7
- \_\_\_ Mathematical Background, *TWE*, p. 190D
- \_\_\_ *Prerequisite Skills Workbook*, pp. 5–8
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, pp. 234–235
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 4-7
- \_\_\_ algebra1.com/extra\_examples/gee21
- \_\_\_ *Guide to Daily Intervention*, pp. 14–15
- \_\_\_ Daily Intervention, *TWE*, p. 236
- \_\_\_ Study Guide and Intervention, *CRM*, pp. 249–250
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 253
- \_\_\_ Reading Mathematics, *SE*, p. 239
- \_\_\_ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Skills Practice, *CRM*, p. 251
- \_\_\_ Practice, *CRM*, p. 252
- \_\_\_ Extra Practice, *SE*, p. 830
- \_\_\_ Differentiated Instruction, *TWE*, p. 235
- \_\_\_ *Parent and Student Study Guide Workbook*, p. 35
- \_\_\_ *Answer Key Transparencies*, Lesson 4-7

#### Assignment Guide, pp. 236–238, *SE*

	Objective 1	Objective 2	Other
Basic	15–19 odd	21–35 odd, 39, 41	45–49, 56–80
Average	15–19 odd	21–43 odd	45–59, 56–80
Advanced	16–20 even	22–44 even	50–74 (optional: 75–80)
Reading Mathematics	1–6		
Alternate Assignment _____			

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 238
- \_\_\_ Enrichment, *CRM*, p. 254
- \_\_\_ algebra1.com/self\_check\_quiz/gee21
- \_\_\_ Countdown to GEE 21, *TWE*, p. LA22

\_\_\_ *Closing the Gap for Absent Students*, pp. 8–9

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# Lesson Planning Guide (pp. 240–245)



**4-8**

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

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

NCTM Standards
1, 2, 3, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Day 12 of 14
Regular Advanced	Day 12 of 14
Block Average	Day 6 of 7
Block Advanced	Day 6 of 7

**Louisiana Grade-Level Expectations, Grade 9: 37**

## Objectives

- \_\_\_ Look for a pattern.
- \_\_\_ Write an equation given some of the solutions.
- \_\_\_ State/local objectives: \_\_\_\_\_

### 1 Focus

- Materials/Resources Needed \_\_\_\_\_
- \_\_\_ 5-Minute Check Transparencies, Lesson 4-8
  - \_\_\_ Mathematical Background, *TWE*, p. 190D
  - \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
  - \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, pp. 241–242
- \_\_\_ *Teaching Algebra with Manipulatives*, pp. 90–92
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 4-8
- \_\_\_ algebra1.com/extra\_examples/gee21
- \_\_\_ *Guide to Daily Intervention*, pp. 14–15
- \_\_\_ Study Guide and Intervention, *CRM*, pp. 255–256
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 259
- \_\_\_ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Skills Practice, *CRM*, p. 257
- \_\_\_ Practice, *CRM*, p. 258
- \_\_\_ Extra Practice, *SE*, p. 830
- \_\_\_ Differentiated Instruction, *TWE*, p. 242
- \_\_\_ *Parent and Student Study Guide Workbook*, p. 36
- \_\_\_ *Answer Key Transparencies*, Lesson 4-8
- \_\_\_ *WebQuest and Projects Resources*, p. 30

#### Assignment Guide, pp. 243–245, SE

	Objective 1	Objective 2	Other
Basic	13–19 odd, 27, 28	21, 23, 32	31, 33–42
Average	13–19 odd, 27, 28	21–25 odd, 32	31, 33–42
Advanced	12–18 even, 26–28	20–24 even, 29, 32	30, 31, 33–42

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

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 245
- \_\_\_ Enrichment, *CRM*, p. 260
- \_\_\_ Assessment, Quiz, *CRM*, p. 276
- \_\_\_ algebra1.com/self\_check\_quiz/gee21
- \_\_\_ Countdown to GEE 21, *TWE*, p. LA22

\_\_\_ *Closing the Gap for Absent Students*, pp. 8–9

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# Review and Testing (pp. 246–253)



4

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

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

Recommended Pacing	
Regular Average	Days 13 & 14 of 14
Regular Advanced	Days 13 & 14 of 14
Block Average	Day 7 of 7
Block Advanced	Day 7 of 7

## Assess

- \_\_\_ *Parent and Student Study Guide Workbook*, p. 37
- \_\_\_ Vocabulary and Concept Check, *SE*, p. 246
- \_\_\_ Vocabulary Test, *CRM*, p. 274
- \_\_\_ Lesson-by-Lesson Review, *SE*, pp. 246–250
- \_\_\_ Practice Test, *SE*, p. 251
- \_\_\_ Chapter 4 Tests, *CRM*, pp. 261–272
- \_\_\_ Open-Ended Assessment, *CRM*, p. 273
- \_\_\_ Standardized Test Practice, *SE*, pp. 252–253
- \_\_\_ Standardized Test Practice, *CRM*, pp. 279–280
- \_\_\_ Cumulative Review, *CRM*, p. 278
- \_\_\_ *Vocabulary PuzzleMaker CD-ROM*
- \_\_\_ [algebra1.com/vocabulary\\_review](http://algebra1.com/vocabulary_review)
- \_\_\_ [algebra1.com/chapter\\_test/gee21](http://algebra1.com/chapter_test/gee21)
- \_\_\_ [algebra1.com/standardized\\_test/gee21](http://algebra1.com/standardized_test/gee21)
- \_\_\_ *MindJogger Videoquizzes VHS*

## Other Assessment Materials

- *ExamView® Pro CD-ROM*
- *Mastering the GEE 21: Diagnose, Prescribe, and Practice Workbook for Grade 9*
- *Preparing for LEAP 21 and GEE 21 CD-ROM*
- *GEE 21 Intervention Transparencies for Grade 9*

**KEY** SE = Student Edition      TWE = Teacher Wraparound Edition      CRM = Chapter Resource Masters