

# Lesson Planning Guide (pp. 410–415)



**8-1**

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

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

NCTM Standards
2, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Day 1 of 16
Regular Advanced	Day 1 of 14
Block Average	Day 1 of 8
Block Advanced	Day 1 of 7

**Louisiana Grade-Level Expectations, Grade 9: 2**

## Objectives

- \_\_\_ Multiply monomials.
- \_\_\_ Simplify expressions involving powers of monomials.
- \_\_\_ State/local objectives: \_\_\_\_\_

### 1 Focus

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

- \_\_\_ Building on Prior Knowledge, *TWE*, p. 411
- \_\_\_ *5-Minute Check Transparencies*, Lesson 8-1
- \_\_\_ Mathematical Background, *TWE*, p. 408C
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, pp. 411–412
- \_\_\_ *Teaching Algebra with Manipulatives*, p. 134
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 8-1
- \_\_\_ algebra1.com/extra\_examples/gee21
- \_\_\_ *Guide to Daily Intervention*, pp. 22–23
- \_\_\_ Daily Intervention, *TWE*, p. 413
- \_\_\_ Study Guide and Intervention, *CRM*, pp. 455–456
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 459
- \_\_\_ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Skills Practice, *CRM*, p. 457
- \_\_\_ Practice, *CRM*, p. 458
- \_\_\_ Extra Practice, *SE*, p. 837
- \_\_\_ Differentiated Instruction, *TWE*, p. 412
- \_\_\_ *Parent and Student Study Guide Workbook*, p. 59
- \_\_\_ *Answer Key Transparencies*, Lesson 8-1
- \_\_\_ *AlgePASS CD-ROM*, Lesson 18

#### Assignment Guide, pp. 413–415, SE

	Objective 1	Objective 2	Other
Basic	15–25 odd	27–37 odd, 43–47 odd, 49–52	55–82
Average	15–25 odd	27–47 odd, 51–54	55–82
Advanced	16–26 even	28–50 even, 54	53, 55–74 (optional: 75–82)

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

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 415
- \_\_\_ Enrichment, *CRM*, p. 460
- \_\_\_ algebra1.com/self\_check\_quiz/gee21

\_\_\_ *Closing the Gap for Absent Students*, pp. 16–17

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

# Algebra Activity (p. 416)

## A Follow-Up of Lesson 8-1



8

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

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

NCTM Standards
2, 3, 6, 7

Recommended Pacing	
Regular Average	Day 2 of 16
Regular Advanced	Day 2 of 14
Block Average	Day 1 of 8
Block Advanced	Day 1 of 7

### Objectives

- \_\_\_ Use paper prisms to investigate surface area and volume.
- \_\_\_ State/local objectives: \_\_\_\_\_

### Getting Started

Materials/Resources Needed centimeter grid paper, scissors, tape

---



---



---

### Teach

- \_\_\_ *Teaching Algebra with Manipulatives*, p. 135
- \_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*
- \_\_\_ *Teaching Strategy, TWE*, p. 416

Assignment Guide, p. 416, SE	
All	1-6
Alternate Assignment _____	

### Assess

- \_\_\_ Study Notebook, *TWE*, p. 416

# Lesson Planning Guide (pp. 417–424)



**8-2**

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

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

NCTM Standards
2, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Days 3 & 4 of 16
Regular Advanced	Days 3 & 4 of 14
Block Average	Days 1 & 2 of 8
Block Advanced	Days 1 & 2 of 7

<b>Louisiana Grade-Level Expectations, Grade 9: 2</b>
-------------------------------------------------------

## Objectives

- \_\_\_ Simplify expressions involving the quotient of monomials.
- \_\_\_ Simplify expressions containing negative exponents.
- \_\_\_ State/local objectives: \_\_\_\_\_

### 1 Focus

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

- \_\_\_ Building on Prior Knowledge, *TWE*, p. 418
- \_\_\_ 5-Minute Check Transparencies, Lesson 8-2
- \_\_\_ Mathematical Background, *TWE*, p. 408C
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, pp. 418–420
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 8-2
- \_\_\_ algebra1.com/extra\_examples/gee21
- \_\_\_ *Guide to Daily Intervention*, pp. 22–23
- \_\_\_ Daily Intervention, *TWE*, p. 421
- \_\_\_ Study Guide and Intervention, *CRM*, pp. 461–462
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 465
- \_\_\_ Reading Mathematics, *SE*, p. 424
- \_\_\_ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Skills Practice, *CRM*, p. 463
- \_\_\_ Practice, *CRM*, p. 464
- \_\_\_ Extra Practice, *SE*, p. 837
- \_\_\_ Differentiated Instruction, *TWE*, p. 419
- \_\_\_ *Parent and Student Study Guide Workbook*, p. 60
- \_\_\_ *Answer Key Transparencies*, Lesson 8-2
- \_\_\_ *AlgePASS CD-ROM*, Lesson 19

#### Assignment Guide, pp. 421–423, *SE*

	Objective 1	Objective 2	Other
Basic	15–21 odd, 39	23–35 odd, 41	40, 42, 47–77
Average	15–21 odd, 39	23–37 odd, 40–44	47–77
Advanced	14–20 even, 38	22–36 even, 44	43, 45–71 (optional: 72–77)
Reading Mathematics	1–3		
Alternate Assignment _____			

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 423
- \_\_\_ Enrichment, *CRM*, p. 466
- \_\_\_ Assessment, Quiz, *CRM*, p. 517
- \_\_\_ algebra1.com/self\_check\_quiz/gee21

\_\_\_ *Closing the Gap for Absent Students*, pp. 16–17

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

# Lesson Planning Guide (pp. 425–430)



8-3

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

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

NCTM Standards
1, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Day 5 of 16
Regular Advanced	Day 5 of 14
Block Average	Day 3 of 8
Block Advanced	Day 3 of 7

**Louisiana Grade-Level Expectations, Grade 9: 3**

## Objectives

- \_\_\_ Express numbers in scientific notation and standard notation.
- \_\_\_ Find products and quotients of numbers expressed in scientific notation.
- \_\_\_ State/local objectives: \_\_\_\_\_

### 1 Focus

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

- \_\_\_ Building on Prior Knowledge, *TWE*, p. 427
- \_\_\_ *5-Minute Check Transparencies*, Lesson 8-3
- \_\_\_ Mathematical Background, *TWE*, p. 408C
- \_\_\_ *Prerequisite Skills Workbook*, pp. 33–36
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, pp. 426–427
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 8-3
- \_\_\_ algebra1.com/extra\_examples/gee21
- \_\_\_ algebra1.com/data\_update
- \_\_\_ algebra1.com/usa\_today
- \_\_\_ *Guide to Daily Intervention*, pp. 22–23
- \_\_\_ Study Guide and Intervention, *CRM*, pp. 467–468
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 471
- \_\_\_ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Skills Practice, *CRM*, p. 469
- \_\_\_ Practice, *CRM*, p. 470
- \_\_\_ Extra Practice, *SE*, p. 837
- \_\_\_ Differentiated Instruction, *TWE*, p. 426
- \_\_\_ *School-to-Career Masters*, p. 15
- \_\_\_ *Science and Mathematics Lab Manual*, pp. 69–72
- \_\_\_ *Parent and Student Study Guide Workbook*, p. 61
- \_\_\_ *Real-World Application Transparencies and Masters*
- \_\_\_ *Answer Key Transparencies*, Lesson 8-3
- \_\_\_ *AlgePASS CD-ROM*, Lesson 20
- \_\_\_ algebra1.com/webquest

#### Assignment Guide, pp. 428–430, SE

	Objective 1	Objective 2	Other
Basic	19–23 odd, 27–39 odd, 43	45–57 odd	60–63, 68–82
Average	19–43 odd	45–59 odd	60–63, 68–82 (optional: 64–67)
Advanced	18–42 even	44–58 even	60–76 (optional: 77–82)
All	Practice Quiz 1 (1–10)		
Alternate Assignment _____			

### 4 Assess

- \_\_\_ Practice Quiz 1, *SE*, p. 430
- \_\_\_ Open-Ended Assessment, *TWE*, p. 430
- \_\_\_ Enrichment, *CRM*, p. 472
- \_\_\_ algebra1.com/self\_check\_quiz/gee21

\_\_\_ *Closing the Gap for Absent Students*, pp. 16–17

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

# Algebra Activity (p. 431)

A Preview of Lesson 8-4



8

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

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

NCTM Standards
2, 10

Recommended Pacing	
Regular Average	Day 6 of 16
Regular Advanced	Day 6 of 14
Block Average	Day 3 of 8
Block Advanced	Day 3 of 7

## Objectives

\_\_\_ Use algebra tiles to model polynomials.

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

## Getting Started

Materials/Resources Needed algebra tiles

---



---



---

## Teach

\_\_\_ *Teaching Algebra with Manipulatives*, p. 136

\_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*

\_\_\_ Teaching Strategy, *TWE*, p. 431

Assignment Guide, p. 431, SE	
All	1-9
Alternate Assignment _____	

## Assess

\_\_\_ Study Notebook, *TWE*, p. 431

# Lesson Planning Guide (pp. 432–436)



8-4

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

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

NCTM Standards
2, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Day 7 of 16
Regular Advanced	Day 6 of 14
Block Average	Day 4 of 8
Block Advanced	Day 3 of 7

## Objectives

- \_\_\_ Find the degree of a polynomial.
- \_\_\_ Arrange the terms of a polynomial in ascending or descending order.
- \_\_\_ State/local objectives: \_\_\_\_\_

### 1 Focus

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

- \_\_\_ 5-Minute Check Transparencies, Lesson 8-4
- \_\_\_ Mathematical Background, *TWE*, p. 408D
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, pp. 433–434
- \_\_\_ *Interactive Chalkboard CD-ROM, Lesson 8-4*
- \_\_\_ algebra1.com/extra\_examples/gee21
- \_\_\_ *Guide to Daily Intervention*, pp. 22–23
- \_\_\_ Daily Intervention, *TWE*, p. 433
- \_\_\_ Study Guide and Intervention, *CRM*, pp. 473–474
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 477
- \_\_\_ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Skills Practice, *CRM*, p. 475
- \_\_\_ Practice, *CRM*, p. 476
- \_\_\_ Extra Practice, *SE*, p. 838
- \_\_\_ Differentiated Instruction, *TWE*, p. 434
- \_\_\_ *Graphing Calculator and Spreadsheet Masters*, p. 37
- \_\_\_ *Parent and Student Study Guide Workbook*, p. 62
- \_\_\_ *Answer Key Transparencies, Lesson 8-4*
- \_\_\_ *WebQuest and Projects Resources*, p. 45

#### Assignment Guide, pp. 434–436, SE

	Objective 1	Objective 2	Other
Basic	15–35 odd, 53	37–51 odd	57–76
Average	15–35 odd, 53, 55	37–51 odd	56–76
Advanced	16–36 even, 54	38–52 even	55–71 (optional: 72–76)

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

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 436
- \_\_\_ Enrichment, *CRM*, p. 478
- \_\_\_ Assessment, Mid-Chapter Test, *CRM*, p. 519
- \_\_\_ Assessment, Quiz, *CRM*, p. 517
- \_\_\_ algebra1.com/self\_check\_quiz/gee21

\_\_\_ *Closing the Gap for Absent Students*, pp. 16–17

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

# Algebra Activity (pp. 437–438)

A Preview of Lesson 8-5



8

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

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

NCTM Standards
2, 10

Recommended Pacing	
Regular Average	Day 8 of 16
Regular Advanced	Day 7 of 14
Block Average	Day 4 of 8
Block Advanced	Day 4 of 7

## Objectives

\_\_\_ Use algebra tiles to add and subtract polynomials.

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

## Getting Started

Materials/Resources Needed algebra tiles

---



---



---

## Teach

\_\_\_ *Teaching Algebra with Manipulatives*, p. 137

\_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*

\_\_\_ *Teaching Strategy, TWE*, p. 437

Assignment Guide, p. 438, SE	
All	1–7
Alternate Assignment _____	

## Assess

\_\_\_ Study Notebook, *TWE*, p. 438

# Lesson Planning Guide (pp. 439–443)



8-5

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

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

NCTM Standards
2, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Day 9 of 16
Regular Advanced	Day 8 of 14
Block Average	Day 5 of 8
Block Advanced	Day 4 of 7

## Objectives

- \_\_\_ Add polynomials.
- \_\_\_ Subtract polynomials.
- \_\_\_ State/local objectives: \_\_\_\_\_

### 1 Focus

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

- \_\_\_ 5-Minute Check Transparencies, Lesson 8-5
- \_\_\_ Mathematical Background, *TWE*, p. 408D
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 440
- \_\_\_ *Teaching Algebra with Manipulatives*, pp. 138–141
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 8-5
- \_\_\_ algebra1.com/extra\_examples/gee21
- \_\_\_ algebra1.com/careers
- \_\_\_ *Guide to Daily Intervention*, pp. 22–23
- \_\_\_ Daily Intervention, *TWE*, p. 441
- \_\_\_ Study Guide and Intervention, *CRM*, pp. 479–480
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 483
- \_\_\_ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Skills Practice, *CRM*, p. 481
- \_\_\_ Practice, *CRM*, p. 482
- \_\_\_ Extra Practice, *SE*, p. 838
- \_\_\_ Differentiated Instruction, *TWE*, p. 441
- \_\_\_ *Parent and Student Study Guide Workbook*, p. 63
- \_\_\_ *Answer Key Transparencies*, Lesson 8-5

#### Assignment Guide, pp. 441–443, SE

	Objective 1	Objective 2	Other
Basic	13–17 odd, 27	19–25 odd	32, 33, 41, 44–68
Average	13–17 odd, 27, 34–38	19–25 odd, 29, 31	41–68
Advanced	12–16 even, 26, 36–40	18–24 even, 28, 30	41–62 (optional: 63–68)

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

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 443
- \_\_\_ algebra1.com/self\_check\_quiz/gee21
- \_\_\_ Enrichment, *CRM*, p. 484

\_\_\_ *Closing the Gap for Absent Students*, pp. 16–17

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

# Lesson Planning Guide (pp. 444–449)



**8-6**

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

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

NCTM Standards
2, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Days 10 & 11 of 16
Regular Advanced	Day 9 of 14
Block Average	Days 5 & 6 of 8
Block Advanced	Day 5 of 7

## Objectives

- \_\_\_ Find the product of a monomial and a polynomial.
- \_\_\_ Solve equations involving polynomials.
- \_\_\_ State/local objectives: \_\_\_\_\_

### 1 Focus

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

- \_\_\_ 5-Minute Check Transparencies, Lesson 8-6
- \_\_\_ Mathematical Background, *TWE*, p. 408D
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 445
- \_\_\_ *Teaching Algebra with Manipulatives*, pp. 142–143
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 8-6
- \_\_\_ algebra1.com/extra\_examples/gee21
- \_\_\_ *Guide to Daily Intervention*, pp. 22–23
- \_\_\_ Study Guide and Intervention, *CRM*, pp. 485–486
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 489
- \_\_\_ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Skills Practice, *CRM*, p. 487
- \_\_\_ Practice, *CRM*, p. 488
- \_\_\_ Extra Practice, *SE*, p. 838
- \_\_\_ Differentiated Instruction, *TWE*, p. 445
- \_\_\_ *School-to-Career Masters*, p. 16
- \_\_\_ *Parent and Student Study Guide Workbook*, p. 64
- \_\_\_ *Answer Key Transparencies*, Lesson 8-6
- \_\_\_ *AlgePASS CD-ROM*, Lesson 21

#### Assignment Guide, pp. 446–449, SE

	Objective 1	Objective 2	Other
Basic	15–35 odd, 51	39–45 odd, 49, 50	55–57, 63–87
Average	15–37 odd, 51	39–47 odd	53, 55–57, 63–87
Advanced	16–38 even, 58–61	40–48 even, 62	55–57, 63–81 (optional: 82–87)
All	Practice Quiz 2 (1–10)		
Alternate Assignment _____			

### 4 Assess

- \_\_\_ Practice Quiz 2, *SE*, p. 449
- \_\_\_ Open-Ended Assessment, *TWE*, p. 449
- \_\_\_ Enrichment, *CRM*, p. 490
- \_\_\_ Assessment, Quiz, *CRM*, p. 518
- \_\_\_ algebra1.com/self\_check\_quiz/gee21

\_\_\_ *Closing the Gap for Absent Students*, pp. 16–17

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

# Algebra Activity (pp. 450–451)

## A Preview of Lesson 8-7



8

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

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

NCTM Standards
2, 10

Recommended Pacing	
Regular Average	Day 12 of 16
Regular Advanced	Day 10 of 14
Block Average	Day 6 of 8
Block Advanced	Day 5 of 7

### Objectives

- \_\_\_ Use algebra tiles to find the product of two binomials.
- \_\_\_ State/local objectives: \_\_\_\_\_

### Getting Started

Materials/Resources Needed algebra tiles, product mat

### Teach

- \_\_\_ *Teaching Algebra with Manipulatives*, p. 144
- \_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*
- \_\_\_ *Teaching Strategy, TWE*, p. 450

Assignment Guide, p. 451, SE	
All	1–7
Alternate Assignment _____	

### Assess

- \_\_\_ Study Notebook, *TWE*, p. 451

# Lesson Planning Guide (pp. 452–457)



**8-7**

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

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

NCTM Standards
2, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Day 13 of 16
Regular Advanced	Day 11 of 14
Block Average	Day 7 of 8
Block Advanced	Day 6 of 7

## Objectives

- \_\_\_ Multiply two binomials by using the FOIL method.
- \_\_\_ Multiply two polynomials by using the Distributive Property.
- \_\_\_ State/local objectives: \_\_\_\_\_

### 1 Focus

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

- \_\_\_ Building on Prior Knowledge, *TWE*, p. 452
- \_\_\_ 5-Minute Check Transparencies, Lesson 8-7
- \_\_\_ Mathematical Background, *TWE*, p. 408D
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, pp. 453–454
- \_\_\_ *Teaching Algebra with Manipulatives*, pp. 145–148
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 8-7
- \_\_\_ algebra1.com/extra\_examples/gee21
- \_\_\_ *Guide to Daily Intervention*, pp. 22–23
- \_\_\_ Study Guide and Intervention, *CRM*, pp. 491–492
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 495
- \_\_\_ *Multimedia Applications CD-ROM*
- \_\_\_ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Skills Practice, *CRM*, p. 493
- \_\_\_ Practice, *CRM*, p. 494
- \_\_\_ Extra Practice, *SE*, p. 839
- \_\_\_ Differentiated Instruction, *TWE*, p. 453
- \_\_\_ *Graphing Calculator and Spreadsheet Masters*, p. 38
- \_\_\_ *Parent and Student Study Guide Workbook*, p. 65
- \_\_\_ *Answer Key Transparencies*, Lesson 8-7
- \_\_\_ *AlgePASS CD-ROM*, Lesson 22
- \_\_\_ *WebQuest and Projects Resources*, p. 46

#### Assignment Guide, pp. 455–457, SE

	Objective 1	Objective 2	Other
Basic	13–29 odd, 39, 41	31–37 odd, 45–47	54–77
Average	13–29 odd, 39, 41, 49–51	31–37 odd, 43, 45–47	53–77
Advanced	14–30 even, 40, 42, 49–52	32–38 even, 44	54–71 (optional: 72–77)

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

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 457
- \_\_\_ Enrichment, *CRM*, p. 496
- \_\_\_ algebra1.com/self\_check\_quiz/gee21

\_\_\_ *Closing the Gap for Absent Students*, pp. 16–17

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

# Lesson Planning Guide (pp. 458–463)



8-8

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

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

NCTM Standards
2, 6, 8, 9, 10

Recommended Pacing	
Regular Average	Day 14 of 16
Regular Advanced	Day 12 of 14
Block Average	Day 7 of 8
Block Advanced	Day 6 of 7

## Objectives

- \_\_\_ Find squares of sums and differences.
- \_\_\_ Find the product of a sum and a difference.
- \_\_\_ State/local objectives: \_\_\_\_\_

### 1 Focus

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

- \_\_\_ *5-Minute Check Transparencies*, Lesson 8-8
- \_\_\_ Mathematical Background, *TWE*, p. 408D
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, pp. 459–460
- \_\_\_ *Teaching Algebra with Manipulatives*, pp. 149–151
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 8-8
- \_\_\_ algebra1.com/extra\_examples/gee21
- \_\_\_ algebra1.com/careers
- \_\_\_ *Guide to Daily Intervention*, pp. 22–23
- \_\_\_ Study Guide and Intervention, *CRM*, pp. 497–498
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 501
- \_\_\_ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Skills Practice, *CRM*, p. 499
- \_\_\_ Practice, *CRM*, p. 500
- \_\_\_ Extra Practice, *SE*, p. 839
- \_\_\_ Differentiated Instruction, *TWE*, p. 460
- \_\_\_ *Parent and Student Study Guide Workbook*, p. 66
- \_\_\_ *Answer Key Transparencies*, Lesson 8-8
- \_\_\_ *AlgePASS CD-ROM*, Lesson 23

#### Assignment Guide, pp. 461–463, SE

	Objective 1	Objective 2	Other
Basic	13, 15, 19, 21, 25, 27, 31, 35, 39– 44	17, 23, 29, 33	48–50, 52– 70
Average	13, 15, 19, 21, 25, 27, 31, 35, 39– 44	17, 23, 29, 33, 37, 47	48–50, 52– 70 (optional: 51)
Advanced	14, 16, 20, 22, 26, 28, 32, 36, 45, 46	18, 24, 30, 34, 38, 47	48–70
Alternate Assignment _____			

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 463
- \_\_\_ Enrichment, *CRM*, p. 502
- \_\_\_ Assessment, Quiz, *CRM*, p. 518
- \_\_\_ algebra1.com/self\_check\_quiz/gee21

\_\_\_ *Closing the Gap for Absent Students*, pp. 16–17

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

# Review and Testing (pp. 464–471)



8

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

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

Recommended Pacing	
Regular Average	Days 15 & 16 of 16
Regular Advanced	Days 13 & 14 of 14
Block Average	Day 8 of 8
Block Advanced	Day 7 of 7

## Assess

- \_\_\_ *Parent and Student Study Guide Workbook*, p. 67
- \_\_\_ Vocabulary and Concept Check, *SE*, p. 464
- \_\_\_ Vocabulary Test, *CRM*, p. 516
- \_\_\_ Lesson-by-Lesson Review, *SE*, pp. 464–468
- \_\_\_ Practice Test, *SE*, p. 469
- \_\_\_ Chapter 8 Tests, *CRM*, pp. 503–514
- \_\_\_ Open-Ended Assessment, *CRM*, p. 515
- \_\_\_ Standardized Test Practice, *SE*, pp. 470–471
- \_\_\_ Standardized Test Practice, *CRM*, pp. 521–522
- \_\_\_ Cumulative Review, *CRM*, p. 520
- \_\_\_ *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*