

6-1 Lesson Planning Guide (pp. 274–279)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 5-8: Use deductive and inductive reasoning.

_____ **South Carolina Math Curriculum Standards, Grade 8: NO I.B.1.**

_____ State/local objectives: _____

NCTM Curriculum Standards: 2, 3, 6-9

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 255

_____ ⇨ Transparency 5-8A

_____ Motivating the Lesson, Questioning, *TWE*, p. 256

2 TEACH

_____ In-Class Examples, *TWE*, p. 256

_____ ⇨ Transparency 5-8B

_____ Reteaching, Using Lists, *TWE*, p. 256

_____ ⇨ Study Guide Masters, p. 43

3 PRACTICE/APPLY

_____ Checking Your Understanding, *SE*, p. 257

Homework Assignments

_____ Core: 9–17 odd, 18–23

_____ Enriched: 8–18 even, 19–23

_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 752

_____ ⇨ Practice Masters, p. 43

4 ASSESS

_____ Closing Activity, *SE*, p. 257 *South Carolina Pre-Algebra Student Study Guide Workbook*, p. 50

_____ Extension, Using Connections, *TWE*, p. 257

_____ ⇨ Enrichment Masters, p. 43

_____ ⇨ Activity Masters, p. 35

_____ ⇨ Group Activity Card 5-8

KEY *SE* = Student Edition *TWE* = Teacher's Wraparound Edition ⇨ = Other Program Components

6-2 Lesson Planning Guide (pp. 280–283)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 5-9.1: Find the terms of arithmetic sequences.
_____ **South Carolina Math Curriculum Standards, Grade 8: NO III.C.1.**
_____ State/local objectives: _____ 5-9.2: _____
Represent a sequence algebraically.

NCTM Curriculum Standards: 2, 3, 6-9

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 258
_____ ⇨ Transparency 5-9A
_____ Motivating the Lesson, Hands-On Activity, *TWE*, p. 259

2 TEACH

_____ In-Class Examples, *TWE*, pp. 259, 260
_____ ⇨ Transparency 5-9B
_____ Reteaching, Using Manipulatives, *TWE*, p. 260
_____ ⇨ Study Guide Masters, p. 44
_____ Alternative Learning Styles, Auditory, *TWE*, p. 259
_____ Cooperative Learning, Send-A-Problem, *TWE*, p. 259
_____ ⇨ Math Lab and Modeling Math Masters, pp. 61, 62, 80
_____ ⇨ Interactive Mathematics Tools Software, 5-9
_____ Math Lab 5-9B, *SE*, p. 263

3 PRACTICE/APPLY

_____ Checking Your Understanding, *SE*, p. 260
_____ Error Analysis, *TWE*, p. 261

Homework Assignments

_____ Core: 13–31 odd, 32, 33, 35, 37–42
_____ Enriched: 12–30 even, 32–42
_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 752
_____ ⇨ Practice Masters, p. 44

4 ASSESS *South Carolina Parent and Student Study Guide Workbook*, p. 51

_____ Closing Activity, Speaking, *TWE*, p. 262
_____ ⇨ Assessment and Evaluation Masters, Quiz D, p. 128
_____ ⇨ Enrichment Masters, p. 44
_____ Extension, Using Science Connections, *TWE*, p. 262
_____ ⇨ Activity Masters, p. 36
_____ ⇨ Group Activity Card 5-9

Review and Assessment Options

_____ Chapter 5 Highlights, *SE*, p. 265
_____ Chapter 5 Study Guide and Assessment, *SE*, pp. 266–268
_____ Chapter 5 Alternative Assessment, *SE*, p. 269
_____ Chapter 5 Test, *SE*, p. 778
_____ ⇨ Test and Review Software
_____ ⇨ *MindJogger Videoquizzes*, Chapter 5
_____ ⇨ *State Test Preparation CD-ROM*

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6-3 Lesson Planning Guide (pp. 284–288)




Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

- _____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 49
- _____ ⇨  *South Carolina PACT Workbook and Test Preparation, Grade 8*
- _____ **South Carolina Math Curriculum Standards, Grade 8: NO I.A.1., NO III.A.1., NO III.B.1.,**
- _____ **NO II.C.1., ALG II.A.1.**
- _____ Assessment and Evaluation Masters, Chapter 5 Tests, pp. 113–124; Performance
- _____ Assessment; p. 125; Standardized Test Practice, p. 129; Cumulative Review, pp. 130–131
- _____ State/local objectives. _____

- _____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 52

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6-4 Lesson Planning Guide (pp. 289–293)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 6-1.1: Write fractions as terminating or repeating decimals.
- _____ **South Carolina Math Curriculum Standards, Grade 8: NO I.A.1., NO III.A.1., NO III.B.1., ALG II.A.1.**
- _____ State/local objectives: _____

NCTM Curriculum Standards: 2, 3, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 274
- _____ ⇨ Transparency 6-1A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 275

2 TEACH

- _____ In-Class Examples, *TWE*, pp. 275, 276
- _____ ⇨ Transparency 6-1B
- _____ Reteaching, Hands-On Activity, *TWE*, p. 277
- _____ ⇨ Study Guide Masters, p. 45
- _____ Alternative Teaching Strategies, Student Diversity, *TWE*, p. 274
- _____ Cooperative Learning, Group Discussion, *TWE*, p. 276
- _____ ⇨ Interactive Mathematics Tools Software, 6-1

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 277
 - _____ Error Analysis, *TWE*, p. 277
- Homework Assignments

 - _____ Core: 15–47 odd, 49–57
 - _____ Enriched: 16–42 even, 43–57
 - _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 753
- _____ ⇨ Practice Masters, *South Carolina Parent and Student Study Guide Workbook*, p. 53

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 279
- _____ Extension, Using Models, *TWE*, p. 279
- _____ ⇨ Enrichment Masters, p. 45
- _____ ⇨ Activity Masters, p. 37
- _____ ⇨ Group Activity Card 6-1

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6-5 Lesson Planning Guide (pp. 295–299)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 6-2: Estimate products and quotients of rational numbers.
- _____ **South Carolina Math Curriculum Standards, Grade 8: NO I.A.1., NO III.A.1., NO III.B.1., NO III.C.1., ALG II.A.1.**
- _____ State/local objectives: _____

NCTM Curriculum Standards: 2, 3, 6-9

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 280
- _____ ⇨ Transparency 6-2A
- _____ Motivating the Lesson, Hands-On Activity, *TWE*, p. 280

2 TEACH

- _____ In-Class Examples, *TWE*, p. 281
- _____ ⇨ Transparency 6-2B
- _____ Reteaching, Using Logical Reasoning, *TWE*, p. 282
- _____ ⇨ Study Guide Masters, p. 46


3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 282

Homework Assignments

_____ Core: 15–37 odd, 38–44
_____ Enriched: 16–32 even, 33–44
_____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 753
- _____ ⇨ Practice Masters, p. 46

- _____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 54

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 283
- _____ Extension, Using Cooperative Groups, *TWE*, p. 283
- _____ ⇨ Enrichment Masters, p. 46
- _____ ⇨ Group Activity Card 6-2

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6-6 Lesson Planning Guide (pp. 301–306)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 6-3: Multiply fractions.
_____ **South Carolina Math Curriculum Standards, Grade 8: NO I.A.1., NO III.A.1., NO III.B.1.,
DAP I.B.1., DAP II.A.1.**
_____ State/local objectives: _____

NCTM Curriculum Standards: 2, 3, 6-10

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 284
_____ ⇨ Transparency 6-3A
_____ Motivating the Lesson, Hands-On Activity, *TWE*, p. 285

2 TEACH


_____ In-Class Examples, *TWE*, pp. 285, 286
_____ ⇨ Transparency 6-3B
_____ Reteaching, Using Problem Solving, *TWE*, p. 286
_____ ⇨ Study Guide Masters, p. 47
_____ Alternative Learning Styles, Auditory, *TWE*, p. 285
_____ ⇨ Math Lab and Modeling Math Masters, p. 63

3 PRACTICE/APPLY

_____ Checking Your Understanding, *SE*, p. 286
_____ Error Analysis, *TWE*, p. 287

Homework Assignments

_____ Core: 19–41 odd, 42–43, 45, 47–54
_____ Enriched: 18–40 even, 41–54
_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 753
_____ ⇨ Practice Masters, p. 47
_____ ⇨ Tech Prep Applications Masters, p. 11
_____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 55

4 ASSESS

_____ Closing Activity, Modeling, *TWE*, p. 288
_____ ⇨ Assessment and Evaluation Masters, Quiz A, p. 155
_____ Extension, Using Logical Reasoning, *TWE*, p. 288
_____ ⇨ Enrichment Masters, p. 47
_____ ⇨ Activity Masters, p. 20

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6-7 Lesson Planning Guide (pp. 308–311)



Teacher's Name _____ Dates _____


Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

_____ ⇨ Group Activity Card 6-3

_____ **South Carolina Math Curriculum Standards, Grade 8: ALG I.B.1., ALG II.D.2.**

_____ State/local objectives: _____

_____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 56

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6-8 Lesson Planning Guide (pp. 312–316)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 6-4: Divide fractions using multiplicative inverses.

_____ **South Carolina Math Curriculum Standards, Grade 8: ALG II.D.2., DAP II.A.1.**

_____ State/local objectives: _____

NCTM Curriculum Standards: 2-4, 6-10

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 289

_____ ⇨ Transparency 6-4A

_____ Motivating the Lesson, Situational Problem, *TWE*, p. 289

2 TEACH

_____ In-Class Examples, *TWE*, pp. 290, 291

_____ ⇨ Transparency 6-4B

_____ Reteaching, Using Models, *TWE*, p. 291

_____ ⇨ Study Guide Masters, p. 48

_____ Alternative Learning Styles, Kinesthetic, *TWE*, p. 290

3 PRACTICE/APPLY

_____ Checking Your Understanding, *SE*, p. 291

Homework Assignments

_____ Core: 19–45 odd, 46, 47, 49–57


_____ Enriched: 20–44 even, 46–57

_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 754

_____ ⇨ Practice Masters, p. 48

_____ ⇨ Tech Prep Applications Masters, p. 12

_____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 57

4 ASSESS

_____ Closing Activity, Writing, *TWE*, p. 293

_____ Extension, Using Models, *TWE*, p. 293

_____ ⇨ Enrichment Masters, p. 48

_____ ⇨ Multicultural Activity Masters, p. 11

_____ ⇨ Group Activity Card 6-4

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6-9 Lesson Planning Guide (pp. 317–320)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 6-5: Multiply and divide decimals.

_____ **South Carolina Math Curriculum Standards, Grade 8: NO I.E.1., ALG II.D.2.**

_____ State/local objectives: _____

NCTM Curriculum Standards: 2, 3, 6-10

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 295

_____ ⇨ Transparency 6-5A

_____ Motivating the Lesson, Situational Problem, *TWE*, p. 295

2 TEACH

_____ Math Lab 6-5A, *SE*, p. 294

_____ In-Class Examples, *TWE*, pp. 296, 297

_____ ⇨ Transparency 6-5B

_____ Reteaching, Using Groups of Two, *TWE*, p. 298

_____ ⇨ Study Guide Masters, p. 49

_____ Alternative Learning Styles, Visual, *TWE*, p. 296

_____ ⇨ Interactive Mathematics Tools Software, 6-5

3 PRACTICE/APPLY

_____ Checking Your Understanding, *SE*, p. 297

Homework Assignments

_____ Core: 19–49 odd, 50, 51, 53–62

_____ Enriched: 18–48 even, 50–62

_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 754

_____ ⇨ Practice Masters, p. 49

4 ASSESS

_____ Closing Activity, Modeling, *TWE*, p. 299

_____ Self Test, *SE*, p. 299

_____ ⇨ Assessment and Evaluation Masters, Quiz B, p. 155

_____ ⇨ Assessment and Evaluation Masters, Mid-Chapter Test, p. 154

_____ Extension, Using Consumer Connections, *TWE*, p. 299

_____ ⇨ Enrichment Masters, p. 49

_____ ⇨ Activity Masters, p. 6

_____ ⇨ Group Activity Card 6-5

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