

# 5-1 Lesson Planning Guide (pp. 224–228)



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


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

Materials/resources needed: \_\_\_\_\_

p. 97; Standardized Test Practice, p. 101; Cumulative Review, pp. 102–103

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

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

\_\_\_\_\_ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 40

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

# 5-2 Lesson Planning Guide (pp. 229–233)



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

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

Materials/resources needed: \_\_\_\_\_

## Objectives

\_\_\_\_\_ 5-1.1: Identify and compare rational numbers.

\_\_\_\_\_ **South Carolina Math Curriculum Standards, Grade 8: NO III.C.1.**

State/local objectives: \_\_\_\_\_ 5-1.2: \_\_\_\_\_  
Rename decimals as fractions.

## NCTM Curriculum Standards: 2, 6-10

### 1 FOCUS

\_\_\_\_\_ 5-Minute Check, *TWE*, p. 224

\_\_\_\_\_ ⇨ Transparency 5-1A

\_\_\_\_\_ Motivating the Lesson, Questioning, *TWE*, p. 225

### 2 TEACH

\_\_\_\_\_ In-Class Examples, *TWE*, pp. 225, 226

\_\_\_\_\_ ⇨ Transparency 5-1B

\_\_\_\_\_ Reteaching, Using Models, *TWE*, p. 227

\_\_\_\_\_ ⇨ Study Guide Masters, p. 36

\_\_\_\_\_ Alternative Teaching Strategies, Student Diversity, *TWE*, p. 224

\_\_\_\_\_ Cooperative Learning, Numbered Heads Together, *TWE*, p. 225

### 3 PRACTICE/APPLY

\_\_\_\_\_ Checking Your Understanding, *SE*, p. 227

#### Homework Assignments

\_\_\_\_\_ Core: 19–57 odd, 58–66

\_\_\_\_\_ Enriched: 18–52 even, 53–66

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

\_\_\_\_\_ Extra Practice, *SE*, p. 750

\_\_\_\_\_ ⇨ *South Carolina Parent and Student Study Guide Workbook*, p. 41

\_\_\_\_\_ ⇨ Practice Masters, p. 36

### 4 ASSESS

\_\_\_\_\_ Closing Activity, Writing, *TWE*, p. 228

\_\_\_\_\_ Extension, Using Manipulatives, *TWE*, p. 228

\_\_\_\_\_ ⇨ Enrichment Masters, p. 36

\_\_\_\_\_ ⇨ Group Activity Card 5-1

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# 5-3 Lesson Planning Guide (pp. 234–238)




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

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

Materials/resources needed: \_\_\_\_\_

\_\_\_\_\_ **South Carolina Math Curriculum Standards, Grade 8: NO I.A.1., NO II.B.1., NO III.A.1., NO III.B.1., ALG II.D.2., DAP I.B.1.**

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

\_\_\_\_\_ ⇨  *South Carolina Parent and Student Study Guide Workbook, p. 42*

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

# 5-4 Lesson Planning Guide (pp. 239–243)



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

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

Materials/resources needed: \_\_\_\_\_

## Objectives

- \_\_\_\_\_ 5-2: Estimate sums and differences of decimals and fractions.
- \_\_\_\_\_ **South Carolina Math Curriculum Standards, Grade 8: NO I.A.1., NO III.A.1., NO III.B.1., ALG II.D.2.**
- \_\_\_\_\_ State/local objectives: \_\_\_\_\_

## NCTM Curriculum Standards: 3, 5-10

### 1 FOCUS

- \_\_\_\_\_ 5-Minute Check, *TWE*, p. 229
- \_\_\_\_\_ ⇄ Transparency 5-2A
- \_\_\_\_\_ Motivating the Lesson, Situational Problem, *TWE*, p. 230


### 2 TEACH

- \_\_\_\_\_ In-Class Examples, *TWE*, pp. 230, 231
- \_\_\_\_\_ ⇄ Transparency 5-2B
- \_\_\_\_\_ Reteaching, Using Mental Math, *TWE*, p. 230
- \_\_\_\_\_ ⇄ Study Guide Masters, p. 37

### 3 PRACTICE/APPLY

- \_\_\_\_\_ Checking Your Understanding, *SE*, p. 230
- \_\_\_\_\_ Error Analysis, *TWE*, p. 231

#### Homework Assignments

- |                                   |
|-----------------------------------|
| _____ Core: 23–51 odd, 52–60      |
| _____ Enriched: 24–46 even, 47–60 |
| _____ Alternate Assignment: _____ |
- \_\_\_\_\_ Extra Practice, *SE*, p. 751
  - \_\_\_\_\_ ⇄ Practice Masters, p. 37
  - \_\_\_\_\_ ⇄ Real-World Applications, 10
  - \_\_\_\_\_ ⇄ Tech Prep Applications Masters, p. 9
  - \_\_\_\_\_ ⇄  *South Carolina Parent and Student Study Guide Workbook*, p. 43

### 4 ASSESS

- \_\_\_\_\_ Closing Activity, Speaking, *TWE*, p. 233
- \_\_\_\_\_ Extension, Using Graphs, *TWE*, p. 233
- \_\_\_\_\_ ⇄ Enrichment Masters, p. 37
- \_\_\_\_\_ ⇄ Group Activity Card 5-2

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# 5-5 Lesson Planning Guide (pp. 244–247)



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

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

Materials/resources needed: \_\_\_\_\_

## Objectives

- \_\_\_\_\_ 5-3: Add and subtract decimals.
- \_\_\_\_\_ **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.D.2.**
- \_\_\_\_\_ State/local objectives: \_\_\_\_\_

## NCTM Curriculum Standards: 3, 6-10

### 1 FOCUS

- \_\_\_\_\_ 5-Minute Check, *TWE*, p. 234
- \_\_\_\_\_ ⇨ Transparency 5-3A
- \_\_\_\_\_ Motivating the Lesson, Hands-On Activity, *TWE*, p. 234

### 2 TEACH

- \_\_\_\_\_ In-Class Examples, *TWE*, pp. 235, 236
- \_\_\_\_\_ ⇨ Transparency 5-3B
- \_\_\_\_\_ Reteaching, Using Manipulatives, *TWE*, p. 236
- \_\_\_\_\_ ⇨ Study Guide Masters, p. 38
- \_\_\_\_\_ ⇨ Interactive Mathematics Tools Software, 5–3

### 3 PRACTICE/APPLY

- \_\_\_\_\_ Checking Your Understanding, *SE*, p. 237

#### Homework Assignments

- \_\_\_\_\_ Core: 17–45 odd, 47–54
- \_\_\_\_\_ Enriched: 18–40 even, 41–54
- \_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

- \_\_\_\_\_ Extra Practice, *SE*, p. 751
- \_\_\_\_\_ ⇨ Practice Masters, p. 38

### 4 ASSESS *South Carolina Parent and Student Study Guide Workbook*, p. 44

- \_\_\_\_\_ Closing Activity, Act It Out, *TWE*, p. 238
- \_\_\_\_\_ ⇨ Assessment and Evaluation Masters, Quiz A, p. 127
- \_\_\_\_\_ Extension, Using Logical Reasoning, *TWE*, p. 237
- \_\_\_\_\_ ⇨ Enrichment Masters, p. 38
- \_\_\_\_\_ ⇨ Activity Masters, p. 19
- \_\_\_\_\_ ⇨ Multicultural Activity Masters, p. 9
- \_\_\_\_\_ ⇨ Group Activity Card 5-3

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# 5-6 Lesson Planning Guide (pp. 248–250)



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

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

Materials/resources needed: \_\_\_\_\_

## Objectives

- \_\_\_\_\_ 5-4: Add and subtract fractions with like denominators.
- \_\_\_\_\_ **South Carolina Math Curriculum Standards, Grade 8: ALG I.B.1., ALG II.C.1., ALG II.D.2.**
- \_\_\_\_\_ State/local objectives: \_\_\_\_\_

## NCTM Curriculum Standards: 3, 5-10

### 1 FOCUS

- \_\_\_\_\_ 5-Minute Check, *TWE*, p. 239
- \_\_\_\_\_ ⇔ Transparency 5-4A
- \_\_\_\_\_ Motivating the Lesson, Situational Problem, *TWE*, p. 239

### 2 TEACH

- \_\_\_\_\_ In-Class Examples, *TWE*, p. 240
- \_\_\_\_\_ ⇔ Transparency 5-4B
- \_\_\_\_\_ Reteaching, Using Models, *TWE*, p. 241
- \_\_\_\_\_ ⇔ Study Guide Masters, p. 39
- \_\_\_\_\_ Alternative Learning Styles, Kinesthetic, *TWE*, p. 239
- \_\_\_\_\_ ⇔ Interactive Mathematics Tools Software, 5-4

### 3 PRACTICE/APPLY

- \_\_\_\_\_ Checking Your Understanding, *SE*, p. 241
- \_\_\_\_\_ Homework Assignments
- \_\_\_\_\_ Core: 13–41 odd, 42–48
- \_\_\_\_\_ Enriched: 12–34 even, 36–48
- \_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

- \_\_\_\_\_ *Extra Practice, Carolina Parent and Student Study Guide Workbook*, p. 45
- \_\_\_\_\_ ⇔ Practice Masters, p. 39
- \_\_\_\_\_ ⇔ Tech Prep Applications Masters, p. 10

### 4 ASSESS

- \_\_\_\_\_ Closing Activity, Writing, *TWE*, p. 243
- \_\_\_\_\_ Extension, Using Patterns, *TWE*, p. 243
- \_\_\_\_\_ ⇔ Enrichment Masters, p. 39
- \_\_\_\_\_ ⇔ Activity Masters, p. 5
- \_\_\_\_\_ ⇔ Group Activity Card 5-4

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# 5-7 Lesson Planning Guide (pp. 251–254)



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

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

Materials/resources needed: \_\_\_\_\_

## Objectives

- \_\_\_\_\_ 5-5: Add and subtract fractions with unlike denominators.
- \_\_\_\_\_ **South Carolina Math Curriculum Standards, Grade 8: ALG I.B.1., ALG II.D.2.**
- \_\_\_\_\_ State/local objectives: \_\_\_\_\_

## NCTM Curriculum Standards: 3, 6-10

### 1 FOCUS

- \_\_\_\_\_ 5-Minute Check, *TWE*, p. 244
- \_\_\_\_\_ ⇨ Transparency 5-5A
- \_\_\_\_\_ Motivating the Lesson, Questioning, *TWE*, p. 244

### 2 TEACH

- \_\_\_\_\_ In-Class Examples, *TWE*, p. 245
- \_\_\_\_\_ ⇨ Transparency 5-5B
- \_\_\_\_\_ Reteaching, Using Manipulatives, *TWE*, p. 245
- \_\_\_\_\_ ⇨ Study Guide Masters, p. 40
- \_\_\_\_\_ Alternative Learning Styles, Visual, *TWE*, p. 244
- \_\_\_\_\_ ⇨ Graphing Calculator Masters, p. 5
- \_\_\_\_\_ ⇨ Interactive Mathematics Tools Software, 5-5.1, 5-5.2

### 3 PRACTICE/APPLY

- \_\_\_\_\_ Checking Your Understanding, *SE*, p. 245
- \_\_\_\_\_ Error Analysis, *TWE*, p. 246

#### Homework Assignments

- \_\_\_\_\_ Core: 13–39 odd, 40–47
- \_\_\_\_\_ Enriched: 14–36 even, 37–47
- \_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

- \_\_\_\_\_ Extra Practice, *SE*, p. 751
- \_\_\_\_\_ ⇨ Practice Masters, *AP*
- \_\_\_\_\_ ⇨ **South Carolina Parent and Student Study Guide Workbook**, p. 46
- \_\_\_\_\_ ⇨ Real-World Applications, 11

### 4 ASSESS

- \_\_\_\_\_ Closing Activity, Modeling, *TWE*, p. 247
- \_\_\_\_\_ Self Test, *SE*, p. 247
- \_\_\_\_\_ ⇨ Assessment and Evaluation Masters, Quiz B, p. 127
- \_\_\_\_\_ ⇨ Assessment and Evaluation Masters, Mid-Chapter Test, p. 126
- \_\_\_\_\_ Extension, Make A Drawing, *TWE*, p. 246
- \_\_\_\_\_ ⇨ Enrichment Masters, p. 40
- \_\_\_\_\_ ⇨ Group Activity Card 5-5

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# 5-8 Lesson Planning Guide (pp. 255–257)



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

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

Materials/resources needed: \_\_\_\_\_

## Objectives

\_\_\_\_\_ 5-6: Solve equations with rational numbers.

\_\_\_\_\_ **South Carolina Math Curriculum Standards, Grade 8: ALG II.D.2., MEA II.F.1.**

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

## NCTM Curriculum Standards: 2, 3, 6-10

### 1 FOCUS

\_\_\_\_\_ 5-Minute Check, *TWE*, p. 248

\_\_\_\_\_ ⇨ Transparency 5-6A

\_\_\_\_\_ Motivating the Lesson, Hands-On Activity, *TWE*, p. 248

### 2 TEACH

\_\_\_\_\_ In-Class Examples, *TWE*, p. 249

\_\_\_\_\_ ⇨ Transparency 5-6B

\_\_\_\_\_ Reteaching, Using Properties, *TWE*, p. 249

\_\_\_\_\_ ⇨ Study Guide Masters, p. 41

### 3 PRACTICE/APPLY

\_\_\_\_\_ Checking Your Understanding, *SE*, p. 250

#### Homework Assignments


\_\_\_\_\_ Core: 15–31 odd, 32, 33, 35, 37–43

\_\_\_\_\_ Enriched: 14–30 even, 32–43

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

\_\_\_\_\_ Extra Practice, *SE*, p. 752

\_\_\_\_\_ ⇨ Practice Masters, p. 41

\_\_\_\_\_ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 47

### 4 ASSESS

\_\_\_\_\_ Closing Activity, Speaking, *TWE*, p. 250

\_\_\_\_\_ Extension, Using Lists, *TWE*, p. 250

\_\_\_\_\_ ⇨ Enrichment Masters, p. 41

\_\_\_\_\_ ⇨ Multicultural Activity Masters, p. 10

\_\_\_\_\_ ⇨ Group Activity Card 5-6

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# 5-9 Lesson Planning Guide (pp. 258–262)



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

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

Materials/resources needed: \_\_\_\_\_

## Objectives

\_\_\_\_\_ 5-7: Solve inequalities with rational numbers.

\_\_\_\_\_ **South Carolina Math Curriculum Standards, Grade 8: ALG I.B.1., ALG II.C.1.**

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

## NCTM Curriculum Standards: 2, 3, 6-10

### 1 FOCUS

\_\_\_\_\_ 5-Minute Check, *TWE*, p. 251

\_\_\_\_\_ ⇨ Transparency 5-7A

\_\_\_\_\_ Motivating the Lesson, Situational Problem, *TWE*, p. 251

### 2 TEACH

\_\_\_\_\_ In-Class Examples, *TWE*, p. 252

\_\_\_\_\_ ⇨ Transparency 5-7B

\_\_\_\_\_ Reteaching, Using Connections, *TWE*, p. 253

\_\_\_\_\_ ⇨ Study Guide Masters, p. 42

\_\_\_\_\_ Alternative Teaching Strategies, Reading Mathematics, *TWE*, p. 251

### 3 PRACTICE/APPLY


\_\_\_\_\_ Checking Your Understanding, *SE*, p. 253

#### Homework Assignments

\_\_\_\_\_ Core: 11–33 odd, 35–41

\_\_\_\_\_ Enriched: 12–28 even, 29–41

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

\_\_\_\_\_ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 48

\_\_\_\_\_ Extra Practice, *SE*, p. 752

\_\_\_\_\_ ⇨ Practice Masters, p. 42

### 4 ASSESS

\_\_\_\_\_ Closing Activity, Modeling, *TWE*, p. 254

\_\_\_\_\_ ⇨ Assessment and Evaluation Masters, Quiz C, p. 128

\_\_\_\_\_ Extension, Using Logical Reasoning, *TWE*, p. 254

\_\_\_\_\_ ⇨ Enrichment Masters, p. 42

\_\_\_\_\_ ⇨ Group Activity Card 5-7

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