

5-1 Lesson Planning Guide



(pp. 224–228)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 5-1.1: Identify and compare rational numbers.
- _____ 5-1.2: Rename decimals as fractions.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 4**

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
- _____ ⇨ Practice Masters, p. 36
- _____ ⇨ Georgia Parent and Student Study Guide Workbook, p. 40

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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5-2 Lesson Planning Guide



(pp. 229–233)

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.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 2**

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
- _____ ⇨ Georgia Parent and Student Study Guide Workbook, p. 41

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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5-3 Lesson Planning Guide



(pp. 234–238)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 5-3: Add and subtract decimals.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 21, 23**

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
- _____ ⇨ Georgia Parent and Student Study Guide Workbook, p. 42

4 ASSESS

- _____ 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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5-4 Lesson Planning Guide



(pp. 239–243)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 5-4: Add and subtract fractions with like denominators.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 21, 23**

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, *SE*, p. 751
- _____ ⇨ Practice Masters, p. 39
- _____ ⇨ Tech Prep Applications Masters, p. 10
- _____ ⇨ Georgia Parent and Student Study Guide Workbook, p. 43

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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5-5 Lesson Planning Guide



(pp. 244–247)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 5-5: Add and subtract fractions with unlike denominators.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 2, 23**

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, p. 40
- _____ ⇨ Real-World Applications, 11
- _____ ⇨ Georgia Parent and Student Study Guide Workbook, p. 44

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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5-6 Lesson Planning Guide



(pp. 248–250)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 5-6: Solve equations with rational numbers.

_____ ⇨ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 15, 25, 26**

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

_____ ⇨ Georgia Parent and Student Study Guide Workbook, p. 45

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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5-7 Lesson Planning Guide



(pp. 251–254)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 5-7: Solve inequalities with rational numbers.
- _____ ⇨ **Georgia Quality Core Curriculum, Pre-Algebra: 1**

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: _____

- _____ Extra Practice, *SE*, p. 752
- _____ ⇨ Practice Masters, p. 42
- _____ ⇨ Georgia Parent and Student Study Guide Workbook, p. 46

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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5-8 Lesson Planning Guide



(pp. 255–257)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 5-8: Use deductive and inductive reasoning.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1**

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
- _____ ⇨ Georgia Parent and Student Study Guide Workbook, p. 47

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 257
- _____ Extension, Using Connections, *TWE*, p. 257
- _____ ⇨ Enrichment Masters, p. 43
- _____ ⇨ Activity Masters, p. 35
- _____ ⇨ Group Activity Card 5-8

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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

- _____ 5-9.1: Find the terms of arithmetic sequences.
- _____ 5-9.2: Represent a sequence algebraically.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1**

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, *TWE*, p. 260
- _____ ↔ Study Guide Masters, p. 44
- _____ Alternative Learning Styles, Auditory, *TWE*, p. 259
- _____ Cooperative Learning, *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
- _____ ↔ Georgia Parent and Student Study Guide Workbook, p. 48

4 ASSESS

- _____ 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, *SE*, pp. 266–268
- _____ Chapter 5 Alternative Assessment, *SE*, p. 269
- _____ Chapter 5 Test, *SE*, p. 778
- _____ ↔ Assessment and Evaluation Masters, Chapter 5 Tests, pp. 113–124; Performance Assessment, p. 125; Standardized Test Practice, p. 129; Cumulative Review, pp. 130–131
- _____ ↔ Georgia Parent and Student Study Guide Workbook, p. 49
- _____ ↔ Georgia Stanford 9 Practice and Sample Test Workbook
- _____ ↔ Test and Review Software
- _____ ↔ MindJogger Videoquizzes, Chapter 5
- _____ ↔ State Test Preparation CD-ROM

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