

7-1 Lesson Planning Guide



(pp. 330–332)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 7-1: Solve problems by working backward.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1**

NCTM Curriculum Standards: 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 330
- _____ ⇨ Transparency 7-1A
- _____ Motivating the Lesson, Hands-On Activity, *TWE*, p. 330

2 TEACH

- _____ In-Class Examples, *TWE*, p. 331
- _____ ⇨ Transparency 7-1B
- _____ Reteaching, Using Lists, *TWE*, p. 331
- _____ ⇨ Study Guide Masters, p. 54
- _____ ⇨ Math Lab and Modeling Math Masters, p. 82

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 331

Homework Assignments

- _____ Core: 7–19
- _____ Enriched: 7–19
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 756
- _____ ⇨ Practice Masters, p. 54
- _____ ⇨ Georgia Parent and Student Study Guide Workbook, p. 60

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 332
- _____ Extension, Analyzing Mazes, *TWE*, p. 332
- _____ ⇨ Enrichment Masters, p. 54
- _____ ⇨ Activity Masters, pp. 7, 38
- _____ ⇨ Group Activity Card 7-1

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

7-2 Lesson Planning Guide



(pp. 334–337)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 7-2: Solve equations that involve more than one operation.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 16**

NCTM Curriculum Standards: 1, 2, 4, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 334
- _____ ⇨ Transparency 7-2A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 334

2 TEACH

- _____ Math Lab 7-2A, *SE*, p. 333
- _____ In-Class Examples, *TWE*, p. 335
- _____ ⇨ Transparency 7-2B
- _____ Reteaching, Using Flowcharts, *TWE*, p. 335
- _____ ⇨ Study Guide Masters, p. 55
- _____ Alternative Learning Styles, Auditory, *TWE*, p. 334

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 335
- _____ Error Analysis, *TWE*, p. 336

Homework Assignments

- _____ Core: 13–37 odd, 38–44
- _____ Enriched: 12–32 even, 33–44
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 756
- _____ ⇨ Practice Masters, p. 55
- _____ ⇨ Georgia Parent and Student Study Guide Workbook, p. 61

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 337
- _____ ⇨ Assessment and Evaluation Masters, Quiz A, p. 183
- _____ Extension, Using Connections, *TWE*, p. 336
- _____ ⇨ Enrichment Masters, p. 55
- _____ ⇨ Group Activity Card 7-2

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7-3 Lesson Planning Guide



(pp. 338–340)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 7-3: Solve verbal problems by writing and solving equations.
- _____ Georgia Quality Core Curriculum, Pre-Algebra: 1, 16

NCTM Curriculum Standards: 2, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 338
- _____ ⇄ Transparency 7-3A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 338

2 TEACH

- _____ In-Class Examples, *TWE*, p. 339
- _____ ⇄ Transparency 7-3B
- _____ Reteaching, Act It Out, *TWE*, p. 339
- _____ ⇄ Study Guide Masters, p. 56
- _____ Alternative Teaching Strategies, Reading Mathematics, *TWE*, p. 338

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 340

Homework Assignments

- _____ Core: 7–17 odd, 18–19, 21–25
- _____ Enriched: 6–16 even, 18–25
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 756
- _____ ⇄ Practice Masters, p. 56
- _____ ⇄ Tech Prep Applications Masters, p. 13
- _____ ⇄ Georgia Parent and Student Study Guide Workbook, p. 62

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 340
- _____ Extension, Make Up A Problem, *TWE*, p. 340
- _____ ⇄ Enrichment Masters, p. 56
- _____ ⇄ Group Activity Card 7-3

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

7-4 Lesson Planning Guide



(pp. 341–344)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 7-4: Find the circumference of a circle.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 45**

NCTM Curriculum Standards: 1, 2, 4, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 341
- _____ ⇨ Transparency 7-4A
- _____ Motivating the Lesson, Situational Problem, *TWE*, p. 341

2 TEACH


- _____ In-Class Examples, *TWE*, p. 342
- _____ ⇨ Transparency 7-4B
- _____ Reteaching, Using Connections, *TWE*, p. 342
- _____ ⇨ Study Guide Masters, p. 57
- _____ Alternative Learning Styles, Visual, *TWE*, p. 341
- _____ Alternative Teaching Strategies, Student Diversity, *TWE*, p. 341

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 342
- _____ Error Analysis, *TWE*, p. 343

Homework Assignments

- _____ Core: 11–29 odd, 30–31, 33, 35–40
- _____ Enriched: 12–28 even, 30–40
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 757
- _____ ⇨ Practice Masters, p. 57
- _____ ⇨  Georgia Parent and Student Study Guide Workbook, p. 63

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 344
- _____ ⇨ Assessment and Evaluation Masters, Quiz B, p. 183
- _____ ⇨ Assessment and Evaluation Masters, Mid-Chapter Test, p. 182
- _____ Extension, Using Cooperative Groups, *TWE*, p. 344
- _____ ⇨ Enrichment Masters, p. 57
- _____ ⇨ Multicultural Activity Masters, p. 13
- _____ ⇨ Group Activity Card 7-4

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7-5 Lesson Planning Guide



(pp. 346–350)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 7-5: Solve equations with the variable on each side.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1**

NCTM Curriculum Standards: 2, 4, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 346
- _____ ⇨ Transparency 7-5A
- _____ Motivating the Lesson, Hands-On Activity, *TWE*, p. 347

2 TEACH

- _____ Math Lab 7-5A, *SE*, p. 345
- _____ In-Class Examples, *TWE*, pp. 347, 348
- _____ ⇨ Transparency 7-5B
- _____ Reteaching, Using Discussion, *TWE*, p. 348
- _____ ⇨ Study Guide Masters, p. 58
- _____ ⇨ Math Lab and Modeling Math Masters, p. 65
- _____ ⇨ Graphing Calculator Masters, p. 7
- _____ ⇨ Interactive Mathematics Tools Software, 7–5

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 348
- _____ Error Analysis, *TWE*, p. 349

Homework Assignments

- _____ Core: 11–33 odd, 34–35, 37–44
- _____ Enriched: 12–32 even, 34–44
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 757
- _____ ⇨ Practice Masters, p. 58
- _____ ⇨ Real-World Applications, 14
- _____ ⇨ Georgia Parent and Student Study Guide Workbook, p. 64

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 350
- _____ Self Test, *SE*, p. 350
- _____ Extension, Using Connections, *TWE*, p. 349
- _____ ⇨ Enrichment Masters, p. 58
- _____ ⇨ Group Activity Card 7-5

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7-6 Lesson Planning Guide



(pp. 351–354)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 7-6: Solve inequalities that involve more than one operation.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 19**

NCTM Curriculum Standards: 2, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 351
- _____ ⇨ Transparency 7-6A
- _____ Motivating the Lesson, Situational Problem, *TWE*, p. 351

2 TEACH

- _____ In-Class Examples, *TWE*, p. 352
- _____ ⇨ Transparency 7-6B
- _____ Reteaching, Using Flowcharts, *TWE*, p. 353
- _____ ⇨ Study Guide Masters, p. 59
- _____ Alternative Learning Styles, Kinesthetic, *TWE*, p. 351

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 353

Homework Assignments

- _____ Core: 13–33 odd, 34–39
- _____ Enriched: 12–30 even, 31–39
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 757
- _____ ⇨ Practice Masters, p. 59
- _____ ⇨ Tech Prep Applications Masters, p. 14
- _____ ⇨ Georgia Parent and Student Study Guide Workbook, p. 65

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 354
- _____ ⇨ Assessment and Evaluation Masters, Quiz C, p. 184
- _____ Extension, Using Manipulatives, *TWE*, p. 353
- _____ ⇨ Enrichment Masters, p. 59
- _____ ⇨ Multicultural Activity Masters, p. 14
- _____ ⇨ Group Activity Card 7-6

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7-7 Lesson Planning Guide



(pp. 355–357)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 7-7: Solve verbal problems by writing and solving inequalities.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1**

NCTM Curriculum Standards: 2, 6-9

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 355
- _____ ⇨ Transparency 7-7A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 356

2 TEACH

- _____ In-Class Examples, *TWE*, p. 356
- _____ ⇨ Transparency 7-7B
- _____ Reteaching, Paired Partners, *TWE*, p. 356
- _____ ⇨ Study Guide Masters, p. 60
- _____ Cooperative Learning, Send-A-Problem, *TWE*, p. 355

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 357

Homework Assignments

- _____ Core: 9–19 odd, 20–21, 23–27
- _____ Enriched: 10–18 even, 20–27
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 757
- _____ ⇨ Practice Masters, p. 60
- _____ ⇨ Georgia Parent and Student Study Guide Workbook, p. 66

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 357
- _____ Extension, Using Logic, *TWE*, p. 357
- _____ ⇨ Enrichment Masters, p. 60
- _____ ⇨ Group Activity Card 7-7

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7-8 Lesson Planning Guide



(pp. 358–361)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 7-8: Convert measurements within the metric system.
- _____ Georgia Quality Core Curriculum, Pre-Algebra: 1, 3, 13

NCTM Curriculum Standards: 2, 4, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 358
- _____ ↔ Transparency 7-8A
- _____ Motivating the Lesson, Hands-On Activity, *TWE*, p. 359

2 TEACH

- _____ In-Class Examples, *TWE*, pp. 359, 360
- _____ ↔ Transparency 7-8B
- _____ Reteaching, Using Models, *TWE*, p. 360
- _____ ↔ Study Guide Masters, p. 61
- _____ Cooperative Learning, Brainstorming, *TWE*, p. 359

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 360

Homework Assignments

- _____ Core: 13–39 odd, 40–46
- _____ Enriched: 12–32 even, 33–46
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 758
- _____ ↔ Practice Masters, p. 61
- _____ ↔ Real-World Applications, 15
- _____ ↔ Georgia Parent and Student Study Guide Workbook, p. 67

4 ASSESS

- _____ Closing Activity, Act It Out, *TWE*, p. 361
- _____ ↔ Assessment and Evaluation Masters, Quiz D, p. 184
- _____ Extension, Using Manipulatives, *TWE*, p. 361
- _____ ↔ Enrichment Masters, p. 61
- _____ ↔ Activity Masters, p. 21
- _____ ↔ Group Activity Card 7-8

Review and Assessment Options

- _____ Chapter 7 Highlights, *SE*, p. 363
- _____ Chapter 7 Study Guide and Assessment, *SE*, pp. 364–366
- _____ Chapter 7 Alternative Assessment, *SE*, p. 367
- _____ Chapter 7 Test, *SE*, p. 780
- _____ ↔ Assessment and Evaluation Masters, Chapter 7 Tests, pp. 169–180; Performance Assessment, p. 181; Standardized Test Practice, p. 185; Cumulative Review, pp. 186–187
- _____ ↔ Test and Review Software
- _____ ↔ MindJogger Videoquizzes, Chapter 7
- _____ ↔ State Test Preparation CD-ROM
- _____ ↔ Georgia Parent and Student Study Guide Workbook, p. 68
- _____ ↔ Georgia Stanford 9 Practice and Sample Test Workbook

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