

# 3-1 Lesson Planning Guide



(pp. 118–122)

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

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

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

## Objectives

- \_\_\_\_\_ 3-1: Solve problems by eliminating possibilities.
- \_\_\_\_\_ **Georgia Quality Core Curriculum, Pre-Algebra: 1**

## NCTM Curriculum Standards: 6-9

### 1 FOCUS

- \_\_\_\_\_ 5-Minute Check, *TWE*, p. 118
- \_\_\_\_\_ ⇨ Transparency 3-1A
- \_\_\_\_\_ Motivating the Lesson, Situational Problem, *TWE*, p. 118

### 2 TEACH

- \_\_\_\_\_ In-Class Examples, *TWE*, p. 119
- \_\_\_\_\_ ⇨ Transparency 3-1B
- \_\_\_\_\_ Reteaching, Using Discussion, *TWE*, p. 120
- \_\_\_\_\_ ⇨ Study Guide Masters, p. 19
- \_\_\_\_\_ Alternative Learning Styles, Kinesthetic, *TWE*, p. 119

### 3 PRACTICE/APPLY

- \_\_\_\_\_ Checking Your Understanding, *SE*, p. 120

#### Homework Assignments

- \_\_\_\_\_ Core: 7–20
- \_\_\_\_\_ Enriched: 7–20
- \_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

- \_\_\_\_\_ Extra Practice, *SE*, p. 745
- \_\_\_\_\_ ⇨ Practice Masters, p. 19
- \_\_\_\_\_ ⇨ Georgia Parent and Student Study Guide Workbook, p. 21

### 4 ASSESS

- \_\_\_\_\_ Closing Activity, Writing, *TWE*, p. 122
- \_\_\_\_\_ Extension, Using Manipulatives, *TWE*, p. 122
- \_\_\_\_\_ ⇨ Enrichment Masters, p. 19
- \_\_\_\_\_ ⇨ Group Activity Card 3-1

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

# 3-2 Lesson Planning Guide



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

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

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

## Objectives

- \_\_\_\_\_ 3-2: Solve equations by using the addition and subtraction properties of equality.
- \_\_\_\_\_ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 21, 25, 26**

## NCTM Curriculum Standards: 2, 6-10

### 1 FOCUS

- \_\_\_\_\_ 5-Minute Check, *TWE*, p.124
- \_\_\_\_\_ ⇨ Transparency 3-2A
- \_\_\_\_\_ Motivating the Lesson, Hands-On Activity, *TWE*, p. 126

### 2 TEACH

- \_\_\_\_\_ Math Lab 3-2A, *SE*, p. 123
- \_\_\_\_\_ In-Class Examples, *TWE*, pp. 125, 126
- \_\_\_\_\_ ⇨ Transparency 3-2B
- \_\_\_\_\_ Reteaching, Using Modeling, *TWE*, p. 126
- \_\_\_\_\_ ⇨ Study Guide Masters, p. 20
- \_\_\_\_\_ Alternative Teaching Strategies, Student Diversity, *TWE*, p. 124
- \_\_\_\_\_ ⇨ Interactive Mathematics Tools Software, 3-2

### 3 PRACTICE/APPLY

- \_\_\_\_\_ Checking Your Understanding, *SE*, p. 126
- \_\_\_\_\_ Error Analysis, *TWE*, p. 127

#### Homework Assignments

- \_\_\_\_\_ Core: 15–37 odd, 38, 39, 41–48
- \_\_\_\_\_ Enriched: 14–38 even, 39–48
- \_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

- \_\_\_\_\_ Extra Practice, *SE*, p. 745
- \_\_\_\_\_ ⇨ Practice Masters, p. 20
- \_\_\_\_\_ ⇨ Tech Prep Applications Masters, p. 5
- \_\_\_\_\_ ⇨ Georgia Parent and Student Study Guide Workbook, p. 22

### 4 ASSESS

- \_\_\_\_\_ Closing Activity, Speaking, *TWE*, p. 128
- \_\_\_\_\_ ⇨ Assessment and Evaluation Masters, Quiz A, p. 71
- \_\_\_\_\_ Extension, Consumer Awareness, *TWE*, p. 127
- \_\_\_\_\_ ⇨ Enrichment Masters, p. 20
- \_\_\_\_\_ ⇨ Group Activity Card 3-2

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# 3-3 Lesson Planning Guide



(pp. 129–133)

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

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

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

## Objectives

- \_\_\_\_\_ 3-3: Solve equations by using the multiplication and division properties of equality.
- \_\_\_\_\_ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 34, 35, 37**

## NCTM Curriculum Standards: 2, 6-10

### 1 FOCUS

- \_\_\_\_\_ 5-Minute Check, *TWE*, p. 129
- \_\_\_\_\_ ⇨ Transparency 3-3A
- \_\_\_\_\_ Motivating the Lesson, Hands-On Activity, *TWE*, p. 129

### 2 TEACH

- \_\_\_\_\_ In-Class Examples, *TWE*, pp. 130, 131
- \_\_\_\_\_ ⇨ Transparency 3-3B
- \_\_\_\_\_ Reteaching, Working Backward, *TWE*, p. 131
- \_\_\_\_\_ ⇨ Study Guide Masters, p. 21
- \_\_\_\_\_ Alternative Learning Styles, Visual, *TWE*, p. 129
- \_\_\_\_\_ ⇨ Interactive Mathematics Tools Software, 3-3.1, 3-3.2, 3-3.3

### 3 PRACTICE/APPLY

- \_\_\_\_\_ Checking Your Understanding, *SE*, p. 131
- \_\_\_\_\_ Error Analysis, *TWE*, p. 132

#### Homework Assignments

- \_\_\_\_\_ Core: 13–41 odd, 42–49
- \_\_\_\_\_ Enriched: 12–36 even, 37–49
- \_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

- \_\_\_\_\_ Extra Practice, *SE*, p. 746
- \_\_\_\_\_ ⇨ Practice Masters, p. 21
- \_\_\_\_\_ ⇨ Georgia Parent and Student Study Guide Workbook, p. 23

### 4 ASSESS

- \_\_\_\_\_ Closing Activity, Modeling, *TWE*, p. 133
- \_\_\_\_\_ Extension, Using Logic, *TWE*, p. 133
- \_\_\_\_\_ ⇨ Enrichment Masters, p. 21
- \_\_\_\_\_ ⇨ Multicultural Activity Masters, p. 5
- \_\_\_\_\_ ⇨ Group Activity Card 3-3

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# 3-4 Lesson Planning Guide



(pp. 134–137)

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

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

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

## Objectives

- \_\_\_\_\_ 3-4: Solve problems by using formulas.
- \_\_\_\_\_ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 7, 8, 18, 41**

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

### 1 FOCUS

- \_\_\_\_\_ 5-Minute Check, *TWE*, p. 134
- \_\_\_\_\_ ⇄ Transparency 3-4A
- \_\_\_\_\_ Motivating the Lesson, Questioning, *TWE*, p. 134

### 2 TEACH

- \_\_\_\_\_ In-Class Examples, *TWE*, p. 135
- \_\_\_\_\_ ⇄ Transparency 3-4B
- \_\_\_\_\_ Reteaching, Using Tables, *TWE*, p. 135
- \_\_\_\_\_ ⇄ Study Guide Masters, p. 22
- \_\_\_\_\_ Cooperative Learning, Corners, *TWE*, p. 136
- \_\_\_\_\_ ⇄ Interactive Mathematics Tools Software, 3-4

### 3 PRACTICE/APPLY

- \_\_\_\_\_ Checking Your Understanding, *SE*, p. 135
- \_\_\_\_\_ Error Analysis, *TWE*, p. 136

#### Homework Assignments

- \_\_\_\_\_ Core: 9–21 odd, 22–23, 25–30
- \_\_\_\_\_ Enriched: 10–20 even, 22–30
- \_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

- \_\_\_\_\_ Extra Practice, *SE*, p. 746
- \_\_\_\_\_ ⇄ Practice Masters, p. 22
- \_\_\_\_\_ ⇄ Real-World Applications, 5
- \_\_\_\_\_ ⇄ Georgia Parent and Student Study Guide Workbook, p. 24

### 4 ASSESS

- \_\_\_\_\_ Closing Activity, Speaking, *TWE*, p. 137
- \_\_\_\_\_ Self Test, *SE*, p. 137
- \_\_\_\_\_ ⇄ Assessment and Evaluation Masters, Quiz B, p. 71
- \_\_\_\_\_ ⇄ Assessment and Evaluation Masters, Mid-Chapter Test, p. 70
- \_\_\_\_\_ Extension, Using Connections, *TWE*, p. 137
- \_\_\_\_\_ ⇄ Enrichment Masters, p. 22
- \_\_\_\_\_ ⇄ Activity Masters, pp. 3, 17
- \_\_\_\_\_ ⇄ Multicultural Activity Masters, p. 6
- \_\_\_\_\_ ⇄ Group Activity Card 3-4

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# 3-5 Lesson Planning Guide



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

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

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

## Objectives

\_\_\_\_\_ 3-5: Find the perimeter and area of rectangles and squares.

\_\_\_\_\_ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 7, 8, 12, 18, 22, 34, 36**

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

### 1 FOCUS

\_\_\_\_\_ 5-Minute Check, *TWE*, p. 139

\_\_\_\_\_ ⇨ Transparency 3-5A

\_\_\_\_\_ Motivating the Lesson, Situational Problem, *TWE*, p. 139

### 2 TEACH

\_\_\_\_\_ Math Lab 3-5A, *SE*, p. 138

\_\_\_\_\_ In-Class Examples, *TWE*, pp. 140, 141

\_\_\_\_\_ ⇨ Transparency 3-5B

\_\_\_\_\_ Reteaching, Using Models, *TWE*, p. 142

\_\_\_\_\_ ⇨ Study Guide Masters, p. 23

\_\_\_\_\_ Alternative Learning Styles, Auditory, *TWE*, p. 139

\_\_\_\_\_ ⇨ Math Lab and Modeling Math Masters, pp. 59, 78

\_\_\_\_\_ Math Lab 3-5B, *SE*, p. 145

### 3 PRACTICE/APPLY

\_\_\_\_\_ Checking Your Understanding, *SE*, p. 142

\_\_\_\_\_ Error Analysis, *TWE*, p. 143

#### Homework Assignments

\_\_\_\_\_ Core: 11–35 odd, 36–42

\_\_\_\_\_ Enriched: 12–30 even, 31–42

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

\_\_\_\_\_ Extra Practice, *SE*, p. 746

\_\_\_\_\_ ⇨ Practice Masters, p. 23

\_\_\_\_\_ ⇨  Georgia Parent and Student Study Guide Workbook, p. 25

### 4 ASSESS

\_\_\_\_\_ Closing Activity, Modeling, *TWE*, p. 144

\_\_\_\_\_ Extension, Using Diagrams, *TWE*, p. 143

\_\_\_\_\_ ⇨ Enrichment Masters, p. 23

\_\_\_\_\_ ⇨ Group Activity Card 3-5

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# 3-6 Lesson Planning Guide



(pp. 146–150)

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

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

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

## Objectives

\_\_\_\_\_ 3-6.1: Solve inequalities by using the addition and subtraction properties of inequalities.

\_\_\_\_\_ 3-6.2: Graph the solution set.

\_\_\_\_\_ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 18, 21**

## NCTM Curriculum Standards: 2, 6-10

### 1 FOCUS

\_\_\_\_\_ 5-Minute Check, *TWE*, p. 146

\_\_\_\_\_ ⇨ Transparency 3-6A

\_\_\_\_\_ Motivating the Lesson, Questioning, *TWE*, p. 147

### 2 TEACH

\_\_\_\_\_ In-Class Examples, *TWE*, pp. 147, 148

\_\_\_\_\_ ⇨ Transparency 3-6B

\_\_\_\_\_ Reteaching, Using Models, *TWE*, p. 148

\_\_\_\_\_ ⇨ Study Guide Masters, p. 24

\_\_\_\_\_ Alternative Teaching Strategies, Reading Mathematics, *TWE*, p. 146

### 3 PRACTICE/APPLY

\_\_\_\_\_ Checking Your Understanding, *SE*, p. 148

#### Homework Assignments

\_\_\_\_\_ Core: 17–47 odd, 48–55

\_\_\_\_\_ Enriched: 18–42 even, 43–55

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

\_\_\_\_\_ Extra Practice, *SE*, p. 747

\_\_\_\_\_ ⇨ Practice Masters, p. 24

\_\_\_\_\_ ⇨ Tech Prep Applications Masters, p. 6

\_\_\_\_\_ ⇨ Georgia Parent and Student Study Guide Workbook, p. 26

### 4 ASSESS

\_\_\_\_\_ Closing Activity, Speaking, *TWE*, p. 150

\_\_\_\_\_ ⇨ Assessment and Evaluation Masters, Quiz C, p. 72

\_\_\_\_\_ Extension, Using Guess and Check, *TWE*, p. 150

\_\_\_\_\_ ⇨ Enrichment Masters, p. 24

\_\_\_\_\_ ⇨ Group Activity Card 3-6

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# 3-7 Lesson Planning Guide



(pp. 151–155)

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

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

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

## Objectives

- \_\_\_\_\_ 3-7: Solve inequalities by using the multiplication and division properties of inequalities.
- \_\_\_\_\_ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 18**

## NCTM Curriculum Standards: 2, 6-10

### 1 FOCUS

- \_\_\_\_\_ 5-Minute Check, *TWE*, p. 151
- \_\_\_\_\_ ⇨ Transparency 3-7A
- \_\_\_\_\_ Motivating the Lesson, Questioning, *TWE*, p. 151

### 2 TEACH

- \_\_\_\_\_ In-Class Examples, *TWE*, pp. 152, 153
- \_\_\_\_\_ ⇨ Transparency 3-7B
- \_\_\_\_\_ Reteaching, Using Manipulatives, *TWE*, p. 153
- \_\_\_\_\_ ⇨ Study Guide Masters, p. 25
- \_\_\_\_\_ Cooperative Learning, Pairs Check, *TWE*, p. 152
- \_\_\_\_\_ ⇨ Graphing Calculator Masters, p. 3

### 3 PRACTICE/APPLY

- \_\_\_\_\_ Checking Your Understanding, *SE*, p. 153

#### Homework Assignments

- \_\_\_\_\_ Core: 15–37 odd, 39–45
- \_\_\_\_\_ Enriched: 16–32 even, 33–45
- \_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

- \_\_\_\_\_ Extra Practice, *SE*, p. 747
- \_\_\_\_\_ ⇨ Practice Masters, p. 25
- \_\_\_\_\_ ⇨ Real-World Applications, 6
- \_\_\_\_\_ ⇨ Georgia Parent and Student Study Guide Workbook, p. 27

### 4 ASSESS

- \_\_\_\_\_ Closing Activity, Modeling, *TWE*, p. 155
- \_\_\_\_\_ Extension, Using Mental Math, *TWE*, p. 155
- \_\_\_\_\_ ⇨ Enrichment Masters, p. 25
- \_\_\_\_\_ ⇨ Group Activity Card 3-7

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# 3-8 Lesson Planning Guide



(pp. 156–159)

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

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

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

## Objectives

\_\_\_\_\_ 3-8.1: Solve verbal problems by translating them into equations and inequalities.

\_\_\_\_\_ 3-8.2: Write verbal problems for equations and inequalities.

\_\_\_\_\_ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 2, 15**

## NCTM Curriculum Standards: 2, 6-10

### 1 FOCUS

\_\_\_\_\_ 5-Minute Check, *TWE*, p. 156

\_\_\_\_\_ ⇨ Transparency 3-8A

\_\_\_\_\_ Motivating the Lesson, Situational

Problem, *TWE*, p. 156

### 2 TEACH

\_\_\_\_\_ In-Class Examples, *TWE*, p. 157

\_\_\_\_\_ ⇨ Transparency 3-8B

\_\_\_\_\_ Reteaching, Using Lists, *TWE*, p. 158

\_\_\_\_\_ ⇨ Study Guide Masters, p. 26

### 3 PRACTICE/APPLY

\_\_\_\_\_ Checking Your Understanding, *SE*, p. 157

#### Homework Assignments

\_\_\_\_\_ Core: 9–25 odd, 27–31

\_\_\_\_\_ Enriched: 8–16 even, 17, 18, 20, 22–31

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

\_\_\_\_\_ Extra Practice, *SE*, p. 747

\_\_\_\_\_ ⇨ Practice Masters, p. 26

\_\_\_\_\_ ⇨ Real-World Applications, 7

\_\_\_\_\_ ⇨ Georgia Parent and Student Study Guide Workbook, p. 28

### 4 ASSESS

\_\_\_\_\_ Closing Activity, Speaking, *TWE*, p. 159

\_\_\_\_\_ ⇨ Assessment and Evaluation Masters, Quiz D, p. 72

\_\_\_\_\_ Extension, Using Research, *TWE*, p. 159

\_\_\_\_\_ ⇨ Enrichment Masters, p. 26

\_\_\_\_\_ ⇨ Group Activity Card 3-8

### Review and Assessment Options

\_\_\_\_\_ Chapter 3 Highlights, *SE*, p. 161

\_\_\_\_\_ Chapter 3 Study Guide and Assessment, *SE*, pp. 162–164

\_\_\_\_\_ Chapter 3 Alternative Assessment, *SE*, p. 165

\_\_\_\_\_ ⇨ Assessment and Evaluation Masters, Chapter 3 Tests, pp. 57–68; Performance Assessment, p. 69; Standardized Test

Practice, p. 73; Cumulative Review, pp. 74–75

\_\_\_\_\_ Chapter 3 Test, *SE*, p. 776

\_\_\_\_\_ ⇨ Test and Review Software

\_\_\_\_\_ ⇨ MindJogger Videoquizzes, Chapter 3

\_\_\_\_\_ ⇨ State Test Preparation CD-ROM

\_\_\_\_\_ ⇨ Georgia Parent and Student Study Guide Workbook, p. 29

\_\_\_\_\_ ⇨ Georgia Stanford 9 Practice and Sample Test Workbook

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