

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.
- _____ **South Carolina Math Curriculum Standards, Grade 8: ALG II.A.1.**
- _____ State/local objectives: _____

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
- _____ ⇨  *South Carolina 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 (pp. 124–128)



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.
- _____ **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: 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
- _____ ⇨  *South Carolina 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

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

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.
- _____ **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: 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
- _____ ⇨  *South Carolina 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.
- _____ **South Carolina Math Curriculum Standards, Grade 8: NO I.A.1., NO III.A.1., NO III.B.1., ALG I.B.1., ALG II.C.1., ALG II.D.2., MEA II.F.1.**
- _____ State/local objectives: _____

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
- _____ ⇨  *South Carolina 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

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

3-5 Lesson Planning Guide (pp. 139–144)



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.
- _____ **South Carolina Math Curriculum Standards, Grade 8: NO I.A.1., NO III.A.1., NO III.B.1., ALG I.B.1., ALG II.C.1., ALG II.D.2., GEO I.B.1., MEA II.C.1., MEA II.F.1.**
- _____ State/local objectives: _____

NCTM Curriculum Standards: 1, 2, 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
- _____ ⇨  *South Carolina 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

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

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.

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

_____ State/local objectives: _____

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

_____ ⇨  *South Carolina 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.
- _____ **South Carolina Math Curriculum Standards, Grade 8: ALG I.B.1., ALG II.D.2., MEA II.F.1.**
- _____ State/local objectives: _____

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
- _____ ⇨  *South Carolina 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.
- _____ **South Carolina Math Curriculum Standards, Grade 8: NO III.C.1., ALG I.B.1., ALG II.C.1., ALG II.D.2.**
- _____ State/local objectives: _____

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
- _____ ⇨ *South Carolina Parent and Student Study Guide Workbook*, p. 28
- _____ ⇨ Real-World Applications, 7
- _____ ⇨ Practice Masters, p. 26

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
- _____ ⇨ *South Carolina Parent and Student Study Guide Workbook*, p. 29
- _____ ⇨ *South Carolina PACT Workbook and Test Preparation, Grade 8*
- _____ ⇨ 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*

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