

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.
- _____ **New Mexico Mathematics Performance Standards Grades 5-8: 1-A-1, 1-C-1, 1-D-1, 2-A-2, 3-C-1, 3-D-1, 7-B-1**

NCTM Curriculum Standards: 1–4

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

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.
- _____ **New Mexico Mathematics Performance Standards Grades 5-8: 1-E-1, 2-C-1, 13-D-2**

NCTM Curriculum Standards: 1–6, 9

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

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.
- _____ **New Mexico Mathematics Performance Standards Grades 5-8: 13-D-2**

NCTM Curriculum Standards: 1–5, 9

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

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

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

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.

_____ **New Mexico Mathematics Performance Standards Grades 5-8: 2-E-2, 13-F-2**

NCTM Curriculum Standards: 1–4, 9

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

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.

_____ **New Mexico Mathematics Performance Standards Grades 5-8: 1-F-1, 9-A-1, 9-D-1, 13-F-2**

NCTM Curriculum Standards: 1–4, 9, 12, 13

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

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.

_____ **New Mexico Mathematics Performance Standards Grades 5-8: 1-F-2, 13-E-1**

NCTM Curriculum Standards: 1–5, 9

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

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

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

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.
- _____ **New Mexico Mathematics Performance Standards Grades 5-8: 13-E-1**

NCTM Curriculum Standards: 1–5, 9

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

4 ASSESS

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

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

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.

_____ **New Mexico Mathematics Performance Standards Grades 5-8: 2-A-1, 2-B-1**

NCTM Curriculum Standards: 1–4, 9

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

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

_____ Chapter 3 Test, *SE*, p. 776

_____ ⇨ Assessment and Evaluation Masters, Chapter 3 Tests, pp. 57-68; Performance Assessment, p. 69; Standardized Test Practice, p. 73; Cumulative Review, pp. 74-75

_____ ⇨ Test and Review Software

_____ ⇨ *MinidJogger Videoquizzes*, Chapter 3

_____ ⇨ *State Test Preparation CD-ROM*

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