

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 York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
1.3.a, 3.1.a, 3.4.c, 6.6.a	1.1A.a, 1.1A.g, 1.1B.f

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 York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
3.4.c, 3.7.c	3.3A.d, 4.4D.a, 7.7C.b, 7.7C.c, 7.7E.a, 7.7E.b

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 York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
3.7.c	3.3A.d, 4.4D.a, 7.7C.b, 7.7C.c, 7.7E.a, 7.7E.b

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 York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
6.2.b, 6.5.a	1.1C.a, 4.4E.b, 5.5A.b, 5.5A.c

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 York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
4.5.c	1.1C.a, 5.5B.a, 5.5C.a, 5.5C.c

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 York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
	7.7C.d

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 York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
	7.7C.d

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 York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
	1.1A.h, 7.7C.d

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

_____ ⇨ State Test Preparation CD-ROM

_____ ⇨ *New York Practice and Sample Test Workbook*, 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

_____ ⇨ Test and Review Software

_____ ⇨ MindJogger Videoquizzes, Chapter 3

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