

2-1 Lesson Planning Guide (pp. 66–70)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 2-1: Graph integers on a number line and find absolute value.

New York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
3.2.a	2.2A.a, 2.2A.h, 2.2D.a, 3.3A.c, 3.3D.a, 3.3E.b

NCTM Curriculum Standards: 1-5, 12, 14

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 66
- _____ ⇄ Transparency 2-1A
- _____ Motivating the Lesson, Situational Problem, *TWE*, p. 67

2 TEACH

- _____ In-Class Examples, *TWE*, pp. 67, 68
- _____ ⇄ Transparency 2-1B
- _____ Reteaching, Using Practice Partners, *TWE*, p. 68
- _____ ⇄ Study Guide Masters, p. 11
- _____ Alternative Teaching Strategies, Student Diversity, *TWE*, p. 66
- _____ Math Lab 2-1B, *SE*, p. 71

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 68
- _____ Error Analysis, *TWE*, p. 69

Homework Assignments

- _____ Core: 19–51 odd, 52–60
- _____ Enriched: 18–46 even, 47–60
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 743
- _____ ⇄ Practice Masters, p. 11

4 ASSESS

- _____ Closing Activity, Act It Out, *TWE*, p. 70
- _____ Extension, Using Lists, *TWE*, p. 70
- _____ ⇄ Enrichment Masters, p. 11
- _____ ⇄ Activity Masters, p. 16
- _____ ⇄ Group Activity Card 2-1

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

2-2 Lesson Planning Guide (pp. 72–76)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 2-2: Graph points in all quadrants of the coordinate plane.

New York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
3.4.b, 3.4.c, 6.2.c	4.4C.a, 4.4C.c

NCTM Curriculum Standards: 1–5, 8, 12

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 72
- _____ ⇨ Transparency 2-2A
- _____ Motivating the Lesson, Hands-On Activity, *TWE*, p. 72

2 TEACH

- _____ In-Class Examples, *TWE*, pp. 73, 74
- _____ ⇨ Transparency 2-2B
- _____ Reteaching, Using Writing, *TWE*, p. 74
- _____ ⇨ Study Guide Masters, p. 12
- _____ Alternative Learning Styles, Kinesthetic, *TWE*, p. 73
- _____ Cooperative Learning, Pairs Check, *TWE*, p. 75
- _____ ⇨ Interactive Mathematics Tools Software, 2-2
- _____ Math Lab 2-2B, *SE*, p. 77

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 74
- _____ Error Analysis, *TWE*, p. 75

Homework Assignments

- _____ Core: 15–39 odd, 40–41, 43–49
- _____ Enriched: 14–38 even, 40–49
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 743
- _____ ⇨ Practice Masters, p. 12

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 76
- _____ ⇨ Assessment and Evaluation Masters, Quiz A, p. 43
- _____ Extension, Using Connections, *TWE*, p. 76
- _____ ⇨ Enrichment Masters, p. 12
- _____ ⇨ Activity Masters, p. 30
- _____ ⇨ Group Activity Card 2-2

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

2-3 Lesson Planning Guide (pp. 78–81)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 2-3: Compare and order integers.

New York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
3.2.d	2.2D.b

NCTM Curriculum Standards: 1–5, 12

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 78
- _____ ⇨ Transparency 2-3A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 78

2 TEACH

- _____ In-Class Examples, *TWE*, p. 79
- _____ ⇨ Transparency 2-3B
- _____ Reteaching, Using Models, *TWE*, p. 79
- _____ ⇨ Study Guide Masters, p. 13
- _____ Alternative Teaching Strategies, Reading Mathematics, *TWE*, p. 78
- _____ ⇨ Graphing Calculator Masters, p. 2

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 80
- _____ Error Analysis, *TWE*, p. 80

Homework Assignments

- _____ Core: 15–43 odd, 44–45, 47–53
- _____ Enriched: 16–42 even, 44–53
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 744
- _____ ⇨ Practice Masters, p. 13
- _____ ⇨ Tech Prep Applications Masters, p. 3

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 81
- _____ Extension, Using Connections, *TWE*, p. 81
- _____ ⇨ Enrichment Masters, p. 13
- _____ ⇨ Group Activity Card 2-3

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

2-4 Lesson Planning Guide (pp. 83–87)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 2-4: Add integers.

New York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
3.3.a, 3.3.e, 3.3.f	3.3A.a, 3.3D.e, 3.3D.f, 3.3E.a, 3.3F.a

NCTM Curriculum Standards: 1–5, 7, 12

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 83
- _____ ⇨ Transparency 2-4A
- _____ Motivating the Lesson, Situational Problem, *TWE*, p. 84

2 TEACH

- _____ Math Lab 2-4A, *SE*, p. 82
- _____ In-Class Examples, *TWE*, pp. 84, 85
- _____ ⇨ Transparency 2-4B
- _____ Reteaching, Using Models, *TWE*, p. 85
- _____ ⇨ Study Guide Masters, p. 14

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 86
- _____ Error Analysis, *TWE*, p. 86

Homework Assignments

- _____ Core: 19–55 odd, 57–65
- _____ Enriched: 20–52 even, 53–65
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 744
- _____ ⇨ Practice Masters, p. 14

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 87
- _____ ⇨ Assessment and Evaluation Masters, Quiz B, p. 43
- _____ ⇨ Assessment and Evaluation Masters, Mid-Chapter Test, p. 42
- _____ Extension, Using Manipulatives, *TWE*, p. 87
- _____ ⇨ Enrichment Masters, p. 14
- _____ ⇨ Activity Masters, p. 31
- _____ ⇨ Group Activity Card 2-4

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

2-5 Lesson Planning Guide (pp. 89–93)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 2-5: Subtract integers.

New York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
3.3.a, 3.3.d, 3.3.e, 3.3.f	3.3A.a, 3.3D.e, 3.3D.f, 3.3E.a, 3.3F.a

NCTM Curriculum Standards: 1–5, 7, 12

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 89
- _____ ⇨ Transparency 2-5A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 90

2 TEACH

- _____ Math Lab 2-5A, *SE*, p. 88
- _____ In-Class Examples, *TWE*, p. 90
- _____ ⇨ Transparency 2-5B
- _____ Reteaching, Using Models, *TWE*, p. 91
- _____ ⇨ Study Guide Masters, p. 15
- _____ Alternative Learning Styles, Visual, *TWE*, p. 89

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 91

Homework Assignments

- _____ Core: 23–57 odd, 59–69
- _____ Enriched: 24–54 even, 55–69
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 744
- _____ ⇨ Practice Masters, p. 15
- _____ ⇨ Real-World Applications, 3
- _____ ⇨ Tech Prep Applications Masters, p. 4

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 93
- _____ Self Test, *SE*, p. 93
- _____ Extension, Using Models, *TWE*, p. 93
- _____ ⇨ Enrichment Masters, p. 15
- _____ ⇨ Multicultural Activity Masters, p. 3
- _____ ⇨ Group Activity Card 2-5

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

2-6 Lesson Planning Guide (pp. 94–97)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 2-6: Solve problems by looking for a pattern.

New York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
1.2.a, 1.3.a, 3.1.a, 3.7.a, 3.7.b, 3.7.d, 3.7.k	1.1A.a, 1.1A.g, 1.1B.f, 7.7K.a

NCTM Curriculum Standards: 1–5, 8

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 94
- _____ ⇨ Transparency 2-6A
- _____ Motivating the Lesson, Situational Problem, *TWE*, p. 94

2 TEACH

- _____ In-Class Examples, *TWE*, p. 95
- _____ ⇨ Transparency 2-6B
- _____ Reteaching, Using Comparisons, *TWE*, p. 95
- _____ ⇨ Study Guide Masters, p. 16
- _____ Alternative Learning Styles, Auditory, *TWE*, p. 96

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 95
- _____ Error Analysis, *TWE*, p. 96

Homework Assignments

- _____ Core: 9–21 odd, 22–26
- _____ Enriched: 10–20 even, 21–26
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 744
- _____ ⇨ Practice Masters, p. 16

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 97
- _____ ⇨ Assessment and Evaluation Masters, Quiz C, p. 44
- _____ Extension, Using Diagrams, *TWE*, p. 97
- _____ ⇨ Enrichment Masters, p. 16
- _____ ⇨ Activity Masters, p. 32
- _____ ⇨ Group Activity Card 2-6

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

2-7 Lesson Planning Guide (pp. 99–103)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 2-7: Multiply integers.

New York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
3.3.a, 3.3.e, 3.3.f	3.3A.a, 3.3D.e, 3.3D.f, 3.3E.a, 3.3F.a

NCTM Curriculum Standards: 1–5, 7, 12

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 99
- _____ ⇨ Transparency 2-7A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 100

2 TEACH

- _____ Math Lab 2-7A, *SE*, p. 98
- _____ In-Class Examples, *TWE*, pp. 100, 101
- _____ ⇨ Transparency 2-7B
- _____ Reteaching, Using Models, *TWE*, p. 101
- _____ ⇨ Study Guide Masters, p. 17
- _____ Alternative Teaching Strategies, Student Diversity, *TWE*, p. 99
- _____ Cooperative Learning, Trade-A-Problem, *TWE*, p. 100

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 101
- _____ Error Analysis, *TWE*, p. 102

Homework Assignments

- _____ Core: 21–49 odd, 50–58
- _____ Enriched: 20–46 even, 47–58
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 745
- _____ ⇨ Practice Masters, p. 17

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 103
- _____ Extension, Using Cooperative Groups, *TWE*, p. 103
- _____ ⇨ Enrichment Masters, p. 17
- _____ ⇨ Activity Masters, p. 2
- _____ ⇨ Multicultural Activity Masters, p. 4
- _____ ⇨ Group Activity Card 2-7

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

2-8 Lesson Planning Guide (pp. 104–108)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 2-8: Divide integers.

New York Learning Standards for Math, Science, and Technology	New York Core Curriculum—Intermediate Grades 7–8
3.3.a, 3.3.e, 3.3.f	3.3A.a, 3.3D.e, 3.3D.f, 3.3E.a, 3.3F.a

NCTM Curriculum Standards: 1–5, 7, 12

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 104
- _____ ⇨ Transparency 2-8A
- _____ Motivating the Lesson, Hands-On Activity, *TWE*, p. 104

2 TEACH

- _____ In-Class Examples, *TWE*, pp. 105, 106
- _____ ⇨ Transparency 2-8B
- _____ Reteaching, Using Writing, *TWE*, p. 106
- _____ ⇨ Study Guide Masters, p. 18
- _____ ⇨ Math Lab and Modeling Math Masters, p. 77

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 106
- _____ Error Analysis, *TWE*, p. 107

Homework Assignments

- _____ Core: 21–51 odd, 53, 55–67
- _____ Enriched: 20–52 even, 53–67
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 745
- _____ ⇨ Practice Masters, p. 18
- _____ ⇨ Real-World Applications, 4

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 108
- _____ ⇨ Assessment and Evaluation Masters, Quiz D, p. 44
- _____ ⇨ Enrichment Masters, p. 18
- _____ Extension, Using Manipulatives, *TWE*, p. 108
- _____ ⇨ Activity Masters, p. 33
- _____ ⇨ Group Activity Card 2-8

Review and Assessment Options

- _____ Chapter 2 Highlights, *SE*, p. 109
- _____ Chapter 2 Study Guide and Assessment, *SE*, pp. 110-112
- _____ Chapter 2 Alternative Assessment, *SE*, p. 113
- _____ Chapter 2 Test, *SE*, p. 775
- _____ ⇨ State Test Preparation CD-ROM
- _____ ⇨ *New York Practice and Sample Test Workbook*, Grade 8
- _____ ⇨ Assessment and Evaluation Masters, Chapter 2 Tests, pp. 29-40; Performance Assessment, p. 41; Standardized Test Practice, p. 45; Cumulative Review, pp. 46-47
- _____ ⇨ Test and Review Software
- _____ ⇨ MindJogger Videoquizzes, Chapter 2

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