

3-1 LESSON PLAN (pp. 70-71)

Teacher's Name _____ Date _____
Grade _____ Class _____ Dates _____ M Tu W Th F

Objectives

___ Multiply whole numbers.

NCTM Curriculum Standards: 14

Pre-Lesson Activities

___ Select instructional options from the Teacher Planning Guide, TWE, 68B, 68C, and 68D

___ Materials/resources needed: _____

Starting the Class

___ 5-Minute Checkup, TWE, p. 70

INTRODUCING THE LESSON

___ Activity, SE, p. 69

___ Motivating activity or discussion, TWE, p. 70

TEACHING THE LESSON

___ ► Teaching Aid, Transparency 3-1

___ Using Cooperative Learning, TWE, p. 70

___ Chalkboard Examples, TWE, p. 71

EVALUATING THE LESSON

___ Check for Understanding, TWE, p. 71

___ Error Analysis, TWE, p. 71

___ Closing the Lesson, TWE, p. 71

___ ► Practice Masters Booklet, p. 23

RETEACHING THE LESSON

___ Reteaching activity, TWE, p. 70

___ ► Reteaching Masters Booklet, p. 21

APPLYING THE LESSON

___ Independent Practice, TWE, p. 71

Homework Assignments

___ Minimum: 2-36 even; 37-42

___ Average: 1-27 odd; 28-42

___ Maximum: 1-42

___ Alternate Assignment:

EXTENDING THE LESSON

___ Critical Thinking, SE, p. 71

___ ► Enrichment Masters Booklet, p. 21

KEY SE = Student Edition TWE = Teacher Wraparound Edition ► = Other Program Components

3-2 LESSON PLAN (pp. 72-73)

Teacher's Name _____ Date _____

Grade _____ Class _____ Dates _____ M Tu W Th F

Objectives

___ Multiply using decimals.

NCTM Curriculum Standards: 2

Pre-Lesson Activities

___ Select instructional options from the Teacher Planning Guide, TWE, 68B, 68C, and 68D

___ Materials/resources needed: _____

Starting the Class

___ 5-Minute Checkup, TWE, p. 72

___ Extra Practice, SE, p. 453, Lesson 3-1

INTRODUCING THE LESSON

___ Motivating activity or discussion, TWE, p. 72

TEACHING THE LESSON

___ ► Teaching Aid, Transparency 3-2

___ Using Manipulatives, TWE, p. 72

___ Chalkboard Examples, TWE, p. 73

EVALUATING THE LESSON

___ Check for Understanding, TWE, p. 73

___ Closing the Lesson, TWE, p. 73

___ Error Analysis, TWE, p. 73

___ ► Practice Masters Booklet, p. 24

RETEACHING THE LESSON

___ Reteaching activity, TWE, p. 72

___ ► Reteaching Masters Booklet, p. 22

APPLYING THE LESSON

___ Independent Practice, TWE, p. 73

Homework Assignments

___ Minimum: 1-31 odd; 32-38

___ Alternate Assignment: _____

___ Average: 2-30 even; 31-38

___ Maximum: 1-38

EXTENDING THE LESSON

___ ► Enrichment Masters Booklet, p. 22

KEY SE = Student Edition TWE = Teacher Wraparound Edition ► = Other Program Components

3-3 LESSON PLAN (pp. 74-75)

Teacher's Name _____ Date _____
Grade _____ Class _____ Dates _____ M Tu W Th F

Objectives

- ___ Compute the finance charge for credit purchases.
___ **New Mexico Mathematics Performance Standards Grades 9-12:** 2-A-1, 2-D-1, 4-D-1, 4-E-1

NCTM Curriculum Standards: 1

Pre-Lesson Activities

- ___ Select instructional options from the Teacher Planning Guide, TWE, 68B, 68C, and 6D
___ Materials/resources needed: _____

Starting the Class

- ___ 5-Minute Checkup, TWE, p. 74 ___ Extra Practice, SE, p. 453, Lesson 3-2

INTRODUCING THE LESSON

- ___ Motivating activity or discussion, TWE, p. 74

TEACHING THE LESSON

- ___ ► Teaching Aid, Transparency 3-3
___ Using Questioning, TWE, p. 74
___ Chalkboard Examples, TWE, p. 75

EVALUATING THE LESSON

- ___ Check for Understanding, TWE, p. 75 ___ Closing the Lesson, TWE, p. 75
___ ► Practice Masters Booklet, p. 25

RETEACHING THE LESSON

- ___ Reteaching activity, TWE, p. 74
___ ► Reteaching Masters Booklet, p. 23

APPLYING THE LESSON

- ___ Independent Practice, TWE, p. 75

Homework Assignments

- ___ Minimum: 1-20 ___ Alternate Assignment: _____
___ Average: 1-20
___ Maximum: 1-20

EXTENDING THE LESSON

- ___ Enrichment, TWE, p. 75 ___ ► Enrichment Masters Booklet, p. 23

KEY SE = Student Edition TWE = Teacher Wraparound Edition ► = Other Program Components

3-4 LESSON PLAN (pp. 76-77)

Teacher's Name _____ Date _____

Grade _____ Class _____ Dates _____ M Tu W Th F

Objectives

___ Divide whole numbers.

___ **New Mexico Mathematics Performance Standards Grades 9-12: 2-E-2, 5-D-1**

NCTM Curriculum Standards: 6, 14

Pre-Lesson Activities

___ Select instructional options from the Teacher Planning Guide, TWE, 68B, 68C, and 68D

___ Materials/resources needed: _____

Starting the Class

___ 5-Minute Checkup, TWE, p. 76

INTRODUCING THE LESSON

___ Motivating activity or discussion, TWE, p. 76

TEACHING THE LESSON

___ ► Teaching Aid, Transparency 3-4

___ Using Critical Thinking, TWE, p. 76

___ Chalkboard Examples, TWE, p. 77

EVALUATING THE LESSON

___ Check for Understanding, TWE, p. 77

___ Closing the Lesson, TWE, p. 77

___ Error Analysis, TWE, p. 77

___ ► Practice Masters Booklet, p. 26

RETEACHING THE LESSON

___ Reteaching activity, TWE, p. 76

___ ► Reteaching Masters Booklet, p. 24

APPLYING THE LESSON

___ Independent Practice, TWE, p. 77

Homework Assignments

___ Minimum: 2-34 even

___ Alternate Assignment: _____

___ Average: 1-29 odd; 30-34

___ Maximum: 1-34

EXTENDING THE LESSON

___ ► Enrichment Masters Booklet, p. 24

KEY SE = Student Edition TWE = Teacher Wraparound Edition ► = Other Program Components

3-5 LESSON PLAN (pp. 78-79)

Teacher's Name _____ Date _____
Grade _____ Class _____ Dates _____ M Tu W Th F

Objectives

- ___ Multiply and divide by powers of 10.
- ___ **New Mexico Mathematics Performance Standards Grades 9-12: 2-E-2**

NCTM Curriculum Standards: 2

Pre-Lesson Activities

- ___ Select instructional options from the Teacher Planning Guide, TWE, 68B, 68C, and 68D
- ___ Materials/resources needed: _____

Starting the Class

- ___ 5-Minute Checkup, TWE, p. 78
- ___ Extra Practice, SE, p. 454, Lesson 3-4

INTRODUCING THE LESSON

- ___ Motivating activity or discussion, TWE, p. 78

TEACHING THE LESSON

- ___ ► Teaching Aid, Transparency 3-5
- ___ Using Connections, TWE, p. 78
- ___ Chalkboard Examples, TWE, p. 79

EVALUATING THE LESSON

- ___ Check for Understanding, TWE, p. 79
- ___ ► Practice Masters Booklet, p. 27
- ___ Closing the Lesson, TWE, p. 79

RETEACHING THE LESSON

- ___ Reteaching activity, TWE, p. 78
- ___ ► Reteaching Masters Booklet, p. 25

APPLYING THE LESSON

- ___ Independent Practice, TWE, p. 79

Homework Assignments

- ___ Minimum: 1-53 odd
- ___ Average: 2-40 even; 41-53
- ___ Maximum: 1-53
- ___ Alternate Assignment: _____

EXTENDING THE LESSON

- ___ Enrichment, TWE, p. 79
- ___ ► Enrichment Masters Booklet, p. 25

KEY SE = Student Edition TWE = Teacher Wraparound Edition ► = Other Program Components

3-6 LESSON PLAN (pp. 80-81)

Teacher's Name _____ Date _____

Grade _____ Class _____ Dates _____ M Tu W Th F

Objectives

- ___ Solve problems by making a list and using the pattern.
- ___ **New Mexico Mathematics Performance Standards Grades 9-12:** 1-C-2, 1-C-3, 2-A-2, 3-B-1, 3-B-2, 7-A-1

Pre-Lesson Activities

- ___ Select instructional options from the Teacher Planning Guide, TWE, 68B, 68C, and 68D
- ___ Materials/resources needed: _____

Starting the Class

- ___ 5-Minute Checkup, TWE, p. 80
- ___ Extra Practice, SE, p. 454, Lesson 3-5

INTRODUCING THE LESSON

- ___ Motivating activity or discussion, TWE, p. 80

TEACHING THE LESSON

- ___ ► Teaching Aid, Transparency 3-6
- ___ Using Discussion, TWE, p. 80
- ___ Chalkboard Examples, TWE, p. 81

EVALUATING THE LESSON

- ___ Check for Understanding, TWE, p. 81
- ___ Error Analysis, TWE, p. 81
- ___ Closing the Lesson, TWE, p. 81
- ___ ► Practice Masters Booklet, p. 28

RETEACHING THE LESSON

- ___ Reteaching activity, TWE, p. 80

APPLYING THE LESSON

- ___ Independent Practice, TWE, p. 81

Homework Assignments

- ___ Minimum: 2-18 even
- ___ Average: 1-19
- ___ Maximum: 1-19
- ___ Alternate Assignment: _____

EXTENDING THE LESSON

- ___ Critical Thinking, SE, p. 81

3-7 LESSON PLAN (pp. 82-83)

Teacher's Name _____ Date _____
Grade _____ Class _____ Dates _____ M Tu W Th F

Objectives

_____ Divide decimals.

NCTM Curriculum Standards: 1

Pre-Lesson Activities

_____ Select instructional options from the Teacher Planning Guide, TWE, 68B, 68C, and 68D
_____ Materials/resources needed: _____

Starting the Class

_____ 5-Minute Checkup, TWE, p. 82

INTRODUCING THE LESSON

_____ Motivating activity or discussion, TWE, p. 82

TEACHING THE LESSON

_____ ► Teaching Aid, Transparency 3-7
_____ Using Critical Thinking, TWE, p. 82
_____ Chalkboard Examples, TWE, p. 83

EVALUATING THE LESSON

_____ Check for Understanding, TWE, p. 83 _____ Closing the Lesson, TWE, p. 83
_____ Error Analysis, TWE, p. 83 _____ ► Practice Masters Booklet, p. 29

RETEACHING THE LESSON

_____ Reteaching activity, TWE, p. 82
_____ ► Reteaching Masters Booklet, p. 26

APPLYING THE LESSON

_____ Independent Practice, TWE, p. 83

Homework Assignments

_____ Minimum: 2-48 even
_____ Average: 1-39 odd;
_____ Maximum: 1-48

_____ Alternate Assignment:

EXTENDING THE LESSON

_____ ► Enrichment Masters Booklet, p. 26 _____ On-the -Job Application, SE, p. 84
_____ Making Consumer Connections, SE, p. 85

Test and Review Option

_____ ► Evaluation Masters Booklet, Quiz A, p. 14

KEY SE = Student Edition TWE = Teacher Wraparound Edition ► = Other Program Components

3-8 LESSON PLAN (pp. 86-87)

Teacher's Name _____ Date _____

Grade _____ Class _____ Dates _____ M Tu W Th F

Objectives

___ Change numbers from standard form to scientific notation and vice versa.

___ **New Mexico Mathematics Performance Standards Grades 9-12:** 2-D-2, 2-E-2, 6-C-1, 7-B-1

NCTM Curriculum Standards: 2, 4, 5

Pre-Lesson Activities

___ Select instructional options from the Teacher Planning Guide, TWE, 68B, 68C, and 68D

___ Materials/resources needed: _____

Starting the Class

___ 5-Minute Checkup, TWE, p. 86

___ Extra Practice, SE, p. 454, Lesson 3-7

INTRODUCING THE LESSON

___ Motivating activity or discussion, TWE, p. 87

TEACHING THE LESSON

___ ► Teaching Aid, Transparency 3-8

___ Using Calculators, TWE, p. 86

___ Chalkboard Examples, TWE, p. 87

EVALUATING THE LESSON

___ Check for Understanding, TWE, p. 87

___ Closing the Lesson, TWE, p. 87

___ ► Practice Masters Booklet, p. 30

RETEACHING THE LESSON

___ Reteaching activity, TWE, p. 86

___ ► Reteaching Masters Booklet, p. 87

APPLYING THE LESSON

___ Independent Practice, TWE, p. 87

Homework Assignments

___ Minimum: 1-45 odd; 46-52

___ Average: 2-40 even; 42-52

___ Maximum: 1-52

___ Alternate Assignment:

EXTENDING THE LESSON

___ Critical Thinking, SE, p. 87

___ ► Enrichment Masters Booklet, p. 27

KEY SE = Student Edition TWE = Teacher Wraparound Edition ► = Other Program Components

3-9 LESSON PLAN (pp. 88-89)

Teacher's Name _____ Date _____
Grade _____ Class _____ Dates _____ M Tu W Th F

Objectives

____ Identify, and find geometric sequences.

____ **New Mexico Mathematics Performance Standards Grades 9-12:** 3-D-1, 5-C-1, 6-C-1, 7-B-1, 13-H-2

NCTM Curriculum Standards: 4, 12

Pre-Lesson Activities

____ Select instructional options from the Teacher Planning Guide, TWE, 68B, 68C, and 68D

____ Materials/resources needed: _____

Starting the Class

____ 5-Minute Checkup, TWE, p. 88

____ Extra Practice, SE, p. 455, Lesson 3-8

INTRODUCING THE LESSON

____ Motivating activity or discussion, TWE, p. 88

TEACHING THE LESSON

____ ► Teaching Aid, Transparency 3-9

____ Using Discussion, TWE, p. 88

____ Chalkboard Examples, TWE, p. 89

EVALUATING THE LESSON

____ Check for Understanding, TWE, p. 89

____ Closing the Lesson, TWE, p. 89

____ ► Practice Masters Booklet, p. 31

RETEACHING THE LESSON

____ Reteaching activity, TWE, p. 88

____ ► Reteaching Masters Booklet, p. 28

APPLYING THE LESSON

____ Independent Practice, TWE, p. 89

Homework Assignments

____ Minimum: 2-36 even

____ Alternate Assignment:

____ Average: 1-17 odd; 19-37

____ Maximum: 1-37

EXTENDING THE LESSON

____ Critical Thinking, SE, p. 89

____ Enrichment, TWE, p. 89

____ ► Enrichment Masters Booklet, p. 28

KEY SE = Student Edition TWE = Teacher Wraparound Edition ► = Other Program Components

3-10 LESSON PLAN (pp. 90-91)

Teacher's Name _____ Date _____

Grade _____ Class _____ Dates _____ M Tu W Th F

Objectives

___ Use formulas to solve problems.

NCTM Curriculum Standards: 2, 4, 5

Pre-Lesson Activities

___ Select instructional options from the Teacher Planning Guide, TWE, 68B, 68C, and 68D

___ Materials/resources needed: _____

Starting the Class

___ 5-Minute Checkup, TWE, p. 90

INTRODUCING THE LESSON

___ Motivating activity or discussion, TWE, p. 90

TEACHING THE LESSON

___ ► Teaching Aid, Transparency 3-10

___ Using Connections, TWE, p. 90

___ Chalkboard Examples, TWE, p. 91

EVALUATING THE LESSON

___ Check for Understanding, TWE, p. 91

___ Closing the Lesson, TWE, p. 91

___ ► Practice Masters Booklet, p. 32

RETEACHING THE LESSON

___ Reteaching activity, TWE, p. 90

___ ► Reteaching Masters Booklet, p. 29

APPLYING THE LESSON

___ Independent Practice, TWE, p. 91

Homework Assignments

___ Minimum: 2-34 even

___ Average: 1-21 odd; 23-34

___ Maximum: 1-34

___ Alternate Assignment:

EXTENDING THE LESSON

___ Enrichment, TWE, p. 91

___ ► Enrichment Masters Booklet, p. 29

KEY SE = Student Edition TWE = Teacher Wraparound Edition ► = Other Program Components

3-11 LESSON PLAN (pp. 92-93)

Teacher's Name _____ Date _____
Grade _____ Class _____ Dates _____ M Tu W Th F

Objectives

- ____ Use formulas to find the area of rectangles and squares.
____ **New Mexico Mathematics Performance Standards Grades 9-12:** 1-E-1, 2-D-2, 2-E-2

NCTM Curriculum Standards: 2

Pre-Lesson Activities

- ____ Select instructional options from the Teacher Planning Guide, TWE, 68B, 68C, and 68D
____ Materials/resources needed: _____

Starting the Class

- ____ 5-Minute Checkup, TWE, p. 92 _____ Extra Practice, SE, p. 455, Lesson 3-10

INTRODUCING THE LESSON

- ____ Motivating activity or discussion, TWE, p. 92

TEACHING THE LESSON

- ____ ► Teaching Aid, Transparency 3-11
____ Using Cooperative Groups, TWE, p. 82
____ Chalkboard Examples, TWE, p. 93

EVALUATING THE LESSON

- ____ Check for Understanding, TWE, p. 93 _____ Closing the Lesson, TWE, p. 93
____ Error Analysis, TWE, p. 93 _____ ► Practice Masters Booklet, p. 33

RETEACHING THE LESSON

- ____ Reteaching activity, TWE, p. 92
____ ► Reteaching Masters Booklet, p. 30

APPLYING THE LESSON

- ____ Independent Practice, TWE, p. 93

Homework Assignments

- ____ Minimum: 1-19 odd _____ Alternate Assignment:
____ Average: 2-12 even; 13-20
____ Maximum: 1-20

EXTENDING THE LESSON

- ____ Critical Thinking, SE, p. 93 _____ ► Enrichment Masters Booklet, p. 30

KEY SE = Student Edition TWE = Teacher Wraparound Edition ► = Other Program Components

3-12 LESSON PLAN (pp. 94-95)

Teacher's Name _____ Date _____

Grade _____ Class _____ Dates _____ M Tu W Th F

Objectives

_____ Find the mean of a set of data.

NCTM Curriculum Standards: 4

Pre-Lesson Activities

_____ Select instructional options from the Teacher Planning Guide, TWE, 68B, 68C, and 68D

_____ Materials/resources needed: _____

Starting the Class

_____ 5-Minute Checkup, TWE, p. 94

_____ Extra Practice, SE, p. 456, Lesson 3-11

INTRODUCING THE LESSON

_____ Motivating activity or discussion, TWE, p. 94

TEACHING THE LESSON

_____ ► Teaching Aid, Transparency 3-12

_____ Using Discussion, TWE, p. 94

_____ Chalkboard Examples, TWE, p. 95

EVALUATING THE LESSON

_____ Check for Understanding, TWE, p. 95

_____ Closing the Lesson, TWE, p. 95

_____ Error Analysis, TWE, p. 95

_____ ► Practice Masters Booklet, p. 34

RETEACHING THE LESSON

_____ Reteaching activity, TWE, p. 94

_____ ► Reteaching Masters Booklet, p. 31

APPLYING THE LESSON

_____ Independent Practice, TWE, p. 95

Homework Assignments

_____ Minimum: 2-34 even

_____ Alternate Assignment:

_____ Average: 1-25 odd; 26-34

_____ Maximum: 1-34

EXTENDING THE LESSON

_____ Critical Thinking, SE, p. 95

_____ ► Enrichment Masters Booklet, p. 31

KEY SE = Student Edition TWE = Teacher Wraparound Edition ► = Other Program Components

3-13 LESSON PLAN (pp. 96-97)

Teacher's Name _____ Date _____
Grade _____ Class _____ Dates _____ M Tu W Th F

Objectives

- ____ Solve multi-step problems.
____ **New Mexico Mathematics Performance Standards Grades 9-12: 4-D-1**

NCTM Curriculum Standards: 1

Pre-Lesson Activities

- ____ Select instructional options from the Teacher Planning Guide, TWE, 68B, 68C, and 68D
____ Materials/resources needed: _____

Starting the Class

- ____ 5-Minute Checkup, TWE, p. 96 _____ Extra Practice, SE, p. 456, Lesson 3-12

INTRODUCING THE LESSON

- ____ Motivating activity or discussion, TWE, p. 96

TEACHING THE LESSON

- ____ ► Teaching Aid, Transparency 3-13
____ Using Discussion, TWE, p. 96
____ Chalkboard Examples, TWE, p. 97

EVALUATING THE LESSON

- ____ Check for Understanding, TWE, p. 97 _____ Closing the Lesson, TWE, p. 97
____ ► Practice Masters Booklet, p. 35

RETEACHING THE LESSON

- ____ Reteaching activity, TWE, p. 96
____ ► Reteaching Masters Booklet, p. 32

APPLYING THE LESSON

- ____ Independent Practice, TWE, p. 97

Homework Assignments

- ____ Minimum: 1-9; 10-22 even _____ Alternate Assignment:
____ Average: 1-22
____ Maximum: 1-22

EXTENDING THE LESSON

- ____ Enrichment, TWE, p. 97 _____ ► Enrichment Masters Booklet, p. 32
____ Making Science Connections, SE, p. 101

Test and Review Options

- ____ Chapter Review, SE, pp. 98-99 _____ Cumulative Review/Test, SE, pp. 102-103
____ Alternate Assessment Strategy, TWE, p. 99 _____ ► Test Generator
____ ► Evaluation Masters Booklet, pp. 11-15 _____ ► Test and Review Software
____ Chapter Test, SE, p. 34 _____ ► State Test Preparation CD-ROM

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