

7-1 Lesson Planning Guide (pp. 330–332)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 7-1: Solve problems by working backward.

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

NCTM Curriculum Standards: 1–4

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 330

_____ ⇨ Transparency 7-1A

_____ Motivating the Lesson, Hands-On Activity, *TWE*, p. 330

2 TEACH

_____ In-Class Examples, *TWE*, p. 331

_____ ⇨ Transparency 7-1B

_____ Reteaching, Using Lists, *TWE*, p. 331

_____ ⇨ Study Guide Masters, p. 54

_____ ⇨ Math Lab and Modeling Math Masters, p. 82

3 PRACTICE/APPLY

_____ Checking Your Understanding, *SE*, p. 331

Homework Assignments

_____ Core: 7–19

_____ Enriched: 7–19

_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 756

_____ ⇨ Practice Masters, p. 54

4 ASSESS

_____ Closing Activity, Speaking, *TWE*, p. 332

_____ Extension, Analyzing Mazes, *TWE*, p. 332

_____ ⇨ Enrichment Masters, p. 54

_____ ⇨ Activity Masters, pp. 7, 38

_____ ⇨ Group Activity Card 7-1

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7-2 Lesson Planning Guide (pp. 334–337)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 7-2: Solve equations that involve more than one operation.

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

NCTM Curriculum Standards: 1–4, 9, 12

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 334

_____ ⇨ Transparency 7-2A

_____ Motivating the Lesson, Questioning, *TWE*, p. 334

2 TEACH

_____ Math Lab 7-2A, *SE*, p. 333

_____ In-Class Examples, *TWE*, p. 335

_____ ⇨ Transparency 7-2B

_____ Reteaching, Using Flowcharts, *TWE*, p. 335

_____ ⇨ Study Guide Masters, p. 55

_____ Alternative Learning Styles, Auditory, *TWE*, p. 334

3 PRACTICE/APPLY

_____ Checking Your Understanding, *SE*, p. 335

_____ Error Analysis, *TWE*, p. 336

Homework Assignments

_____ Core: 13–37 odd, 38–44

_____ Enriched: 12–32 even, 33–44

_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 756

_____ ⇨ Practice Masters, p. 55

4 ASSESS

_____ Closing Activity, Modeling, *TWE*, p. 337

_____ ⇨ Assessment and Evaluation Masters, Quiz A, p. 183

_____ Extension, Using Connections, *TWE*, p. 336

_____ ⇨ Enrichment Masters, p. 55

_____ ⇨ Group Activity Card 7-2

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7-3 Lesson Planning Guide (pp. 338–340)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 7-3: Solve verbal problems by writing and solving equations.
- _____ **New Mexico Mathematics Performance Standards Grades 5-8: 13-D-2**

NCTM Curriculum Standards: 1–4, 9

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 338
- _____ ⇄ Transparency 7-3A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 338

2 TEACH

- _____ In-Class Examples, *TWE*, p. 339
- _____ ⇄ Transparency 7-3B
- _____ Reteaching, Act It Out, *TWE*, p. 339
- _____ ⇄ Study Guide Masters, p. 56
- _____ Alternative Teaching Strategies, Reading Mathematics, *TWE*, p. 338

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 340

Homework Assignments

- _____ Core: 7–17 odd, 18–19, 21–25
- _____ Enriched: 6–16 even, 18–25
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 756
- _____ ⇄ Practice Masters, p. 56
- _____ ⇄ Tech Prep Applications Masters, p. 13

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 340
- _____ Extension, Make Up A Problem, *TWE*, p. 340
- _____ ⇄ Enrichment Masters, p. 56
- _____ ⇄ Group Activity Card 7-3

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7-4 Lesson Planning Guide (pp. 341–344)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 7-4: Find the circumference of a circle.
- _____ **New Mexico Mathematics Performance Standards Grades 5-8: 8-D-1**

NCTM Curriculum Standards: 1–4, 9, 12

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 341
- _____ ⇨ Transparency 7-4A
- _____ Motivating the Lesson, Situational Problem, *TWE*, p. 341

2 TEACH

- _____ In-Class Examples, *TWE*, p. 342
- _____ ⇨ Transparency 7-4B
- _____ Reteaching, Using Connections, *TWE*, p. 342
- _____ ⇨ Study Guide Masters, p. 57
- _____ Alternative Learning Styles, Visual, *TWE*, p. 341
- _____ Alternative Teaching Strategies, Student Diversity, *TWE*, p. 341

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 342
- _____ Error Analysis, *TWE*, p. 343

Homework Assignments

- _____ Core: 11–29 odd, 30–31, 33, 35–40
- _____ Enriched: 12–28 even, 30–40
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 757
- _____ ⇨ Practice Masters, p. 57

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 344
- _____ ⇨ Assessment and Evaluation Masters, Quiz B, p. 183
- _____ ⇨ Assessment and Evaluation Masters, Mid-Chapter Test, p. 182
- _____ Extension, Using Cooperative Groups, *TWE*, p. 344
- _____ ⇨ Enrichment Masters, p. 57
- _____ ⇨ Multicultural Activity Masters, p. 13
- _____ ⇨ Group Activity Card 7-4

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7-5 Lesson Planning Guide (pp. 346–350)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 7-5: Solve equations with the variable on each side.

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

NCTM Curriculum Standards: 1–4, 9

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 346

_____ ⇨ Transparency 7-5A

_____ Motivating the Lesson, Hands-On Activity, *TWE*, p. 347

2 TEACH

_____ Math Lab 7-5A, *SE*, p. 345

_____ In-Class Examples, *TWE*, pp. 347, 348

_____ ⇨ Transparency 7-5B

_____ Reteaching, Using Discussion, *TWE*, p. 348

_____ ⇨ Study Guide Masters, p. 58

_____ ⇨ Math Lab and Modeling Math Masters, p. 65

_____ ⇨ Graphing Calculator Masters, p. 7

_____ ⇨ Interactive Mathematics Tools Software, 7–5

3 PRACTICE/APPLY

_____ Checking Your Understanding, *SE*, p. 348

_____ Error Analysis, *TWE*, p. 349

Homework Assignments

_____ Core: 11–33 odd, 34–35, 37–44

_____ Enriched: 12–32 even, 34–44

_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 757

_____ ⇨ Practice Masters, p. 58

_____ ⇨ Real-World Applications, 14

4 ASSESS

_____ Closing Activity, Speaking, *TWE*, p. 350

_____ Self Test, *SE*, p. 350

_____ Extension, Using Connections, *TWE*, p. 349

_____ ⇨ Enrichment Masters, p. 58

_____ ⇨ Group Activity Card 7-5

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7-6 Lesson Planning Guide (pp. 351–354)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 7-6: Solve inequalities that involve more than one operation.
- _____ **New Mexico Mathematics Performance Standards Grades 5-8: 1-F-1, 13-E-1**

NCTM Curriculum Standards: 1–5, 9

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 351
- _____ ⇨ Transparency 7-6A
- _____ Motivating the Lesson, Situational Problem, *TWE*, p. 351

2 TEACH

- _____ In-Class Examples, *TWE*, p. 352
- _____ ⇨ Transparency 7-6B
- _____ Reteaching, Using Flowcharts, *TWE*, p. 353
- _____ ⇨ Study Guide Masters, p. 59
- _____ Alternative Learning Styles, Kinesthetic, *TWE*, p. 351

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 353

Homework Assignments

- _____ Core: 13–33 odd, 34–39
- _____ Enriched: 12–30 even, 31–39
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 757
- _____ ⇨ Practice Masters, p. 59
- _____ ⇨ Tech Prep Applications Masters, p. 14

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 354
- _____ ⇨ Assessment and Evaluation Masters, Quiz C, p. 184
- _____ Extension, Using Manipulatives, *TWE*, p. 353
- _____ ⇨ Enrichment Masters, p. 59
- _____ ⇨ Multicultural Activity Masters, p. 14
- _____ ⇨ Group Activity Card 7-6

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7-7 Lesson Planning Guide (pp. 355–357)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 7-7: Solve verbal problems by writing and solving inequalities.

NCTM Curriculum Standards: 1–4, 9

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 355
- _____ ⇨ Transparency 7-7A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 356

2 TEACH

- _____ In-Class Examples, *TWE*, p. 356
- _____ ⇨ Transparency 7-7B
- _____ Reteaching, Paired Partners, *TWE*, p. 356
- _____ ⇨ Study Guide Masters, p. 60
- _____ Cooperative Learning, Send-A-Problem, *TWE*, p. 355

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 357

Homework Assignments

- _____ Core: 9–19 odd, 20–21, 23–27
- _____ Enriched: 10–18 even, 20–27
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 757
- _____ ⇨ Practice Masters, p. 60

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 357
- _____ Extension, Using Logic, *TWE*, p. 357
- _____ ⇨ Enrichment Masters, p. 60
- _____ ⇨ Group Activity Card 7-7

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7-8 Lesson Planning Guide (pp. 358–361)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 7-8: Convert measurements within the metric system.

_____ **New Mexico Mathematics Standards Grades 5-8: 9-A-1, 9-B-1, 9-E-1**

NCTM Curriculum Standards: 1–4, 13

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 358

_____ ⇨ Transparency 7-8A

_____ Motivating the Lesson, Hands-On Activity,
TWE, p. 359

2 TEACH

_____ In-Class Examples, *TWE*, pp. 359, 360

_____ ⇨ Transparency 7-8B

_____ Reteaching, Using Models, *TWE*, p. 360

_____ ⇨ Study Guide Masters, p. 61

_____ Cooperative Learning, Brainstorming,
TWE, p. 359

3 PRACTICE/APPLY

_____ Checking Your Understanding, *SE*, p. 360

Homework Assignments

_____ Core: 13–39 odd, 40–46

_____ Enriched: 12–32 even, 33–46

_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 758

_____ ⇨ Practice Masters, p. 61

_____ ⇨ Real-World Applications, 15

4 ASSESS

_____ Closing Activity, Act It Out, *TWE*, p. 361

_____ ⇨ Assessment and Evaluation Masters,
Quiz D, p. 184

_____ Extension, Using Manipulatives,
TWE, p. 361

_____ ⇨ Enrichment Masters, p. 61

_____ ⇨ Activity Masters, p. 21

_____ ⇨ Group Activity Card 7-8

Review and Assessment Options

_____ Chapter 7 Highlights, *SE*, p. 363

_____ Chapter 7 Study Guide and Assessment,
SE, pp. 364-366

_____ Chapter 7 Alternative Assessment,
SE, p. 367

_____ Chapter 7 Test, *SE*, p. 780

_____ ⇨ Assessment and Evaluation Masters,
Chapter 7 Tests, pp. 169-180;
Performance Assessment, p. 181;
Standardized Test Practice, p. 185;
Cumulative Review, pp. 186-187

_____ ⇨ Test and Review Software

_____ ⇨ *MindJogger Videoquizzes*, Chapter 7

_____ ⇨ *State Test Preparation CD-ROM*

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