

14-1 Lesson Planning Guide



(pp. 706–709)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 14-1: Identify and classify polynomials and find their degree.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1**

NCTM Curriculum Standards: 2, 4, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 706
- _____ ⇔ Transparency 14-1A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 706

2 TEACH

- _____ In-Class Examples, *TWE*, p. 707
- _____ ⇔ Transparency 14-1B
- _____ Reteaching, Act It Out, *TWE*, p. 707
- _____ ⇔ Study Guide Masters, p. 115
- _____ Alternative Teaching Strategies, Reading Mathematics, *TWE*, p. 706
- _____ Math Lab 14-1B, *SE*, p. 710

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 708
- _____ Error Analysis, *TWE*, p. 708

Homework Assignments

- _____ Core: 19–53 odd, 54, 55, 57–67
- _____ Enriched: 18–52 even, 54–67
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 772
- _____ ⇔ Practice Masters, p. 115
- _____ ⇔ Georgia Parent and Student Study Guide Workbook, p. 128

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 709
- _____ Extension, Using Science Connections, *TWE*, p. 709
- _____ ⇔ Enrichment Masters, p. 115
- _____ ⇔ Group Activity Card 14-1

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

14-2 Lesson Planning Guide



(pp. 711–714)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 14-2: Add polynomials.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 21**

NCTM Curriculum Standards: 2, 4, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 711
- _____ ⇄ Transparency 14-2A
- _____ Motivating the Lesson, Situational Problem, *TWE*, p. 711

2 TEACH

- _____ In-Class Examples, *TWE*, p. 712
- _____ ⇄ Transparency 14-2B
- _____ Reteaching, Using Diagrams, *TWE*, p. 712
- _____ ⇄ Study Guide Masters, p. 116
- _____ Cooperative Learning, Trade-A-Problem, *TWE*, p. 711
- _____ ⇄ Interactive Mathematics Tools Software, 14-2

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 713
- _____ Error Analysis, *TWE*, p. 713

Homework Assignments

- _____ Core: 15–37 odd, 38–45
- _____ Enriched: 14–34 even, 35–45
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 773
- _____ ⇄ Practice Masters, p. 116
- _____ ⇄ Tech Prep Applications Masters, p. 27
- _____ ⇄ Georgia Parent and Student Study Guide Workbook, p. 129

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 714
- _____ ⇄ Assessment and Evaluation Masters, Quiz A, p. 379
- _____ Extension, Using Health Connections, *TWE*, p. 714
- _____ ⇄ Enrichment Masters, p. 116
- _____ ⇄ Group Activity Card 14-2

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14-3 Lesson Planning Guide



(pp. 715–718)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 14-3: Subtract polynomials.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1, 26**

NCTM Curriculum Standards: 2, 4, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 715
- _____ ⇔ Transparency 14-3A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 716

2 TEACH

- _____ In-Class Examples, *TWE*, p. 716
- _____ ⇔ Transparency 14-3B
- _____ Reteaching, Using Models, *TWE*, p. 716
- _____ ⇔ Study Guide Masters, p. 117
- _____ Alternative Learning Styles, Auditory, *TWE*, p. 716
- _____ ⇔ Graphing Calculator Masters, p. 14
- _____ ⇔ Interactive Mathematics Tools Software, 14-3

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 717

Homework Assignments

- _____ Core: 23–39 odd, 40, 41, 43–50
- _____ Enriched: 22–38 even, 40–50
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 773
- _____ ⇔ Practice Masters, p. 117
- _____ ⇔ Georgia Parent and Student Study Guide Workbook, p. 130

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 718
- _____ Self Test, *SE*, p. 718
- _____ ⇔ Assessment and Evaluation Masters, Quiz B, p. 379
- _____ ⇔ Assessment and Evaluation Masters, Mid-Chapter Test, p. 378
- _____ Extension, Using Critical Thinking, *TWE*, p. 718
- _____ ⇔ Enrichment Masters, p. 117
- _____ ⇔ Group Activity Card 14-3

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14-4 Lesson Planning Guide



(pp. 719–723)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 14-4: Find powers of monomials.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1**

NCTM Curriculum Standards: 2, 4, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 719
- _____ ⇄ Transparency 14-4A
- _____ Motivating the Lesson, Hands-On Activity, *TWE*, p. 719

2 TEACH

- _____ In-Class Examples, *TWE*, p. 720
- _____ ⇄ Transparency 14-4B
- _____ Reteaching, Using Study Aids, *TWE*, p. 721
- _____ ⇄ Study Guide Masters, p. 118
- _____ Alternative Learning Styles, Kinesthetic, *TWE*, p. 719
- _____ Cooperative Learning, Brainstorming, *TWE*, p. 720

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 720

Homework Assignments

- _____ Core: 15–41 odd, 42, 43, 45–53
- _____ Enriched: 14–40 even, 41–53
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 773
- _____ ⇄ Practice Masters, p. 118
- _____ ⇄ Real-World Applications, 31
- _____ ⇄ Georgia Parent and Student Study Guide Workbook, p. 131

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 723
- _____ Extension, Using Cooperative Groups, *TWE*, p. 722
- _____ ⇄ Enrichment Masters, p. 118
- _____ ⇄ Activity Masters, p. 48
- _____ ⇄ Multicultural Activity Masters, p. 27
- _____ ⇄ Group Activity Card 14-4

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14-5 Lesson Planning Guide



(pp. 725–727)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

- _____ 14-5: Multiply a polynomial by a monomial.
- _____ **Georgia Quality Core Curriculum, Pre-Algebra: 1**

NCTM Curriculum Standards: 2, 4, 6-10

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 725
- _____ ⇔ Transparency 14-5A
- _____ Motivating the Lesson, Questioning, *TWE*, p. 725

2 TEACH

- _____ Math Lab 14-5A, *SE*, p. 724
- _____ In-Class Examples, *TWE*, p. 726
- _____ ⇔ Transparency 14-5B
- _____ Reteaching, Using Cooperative Groups, *TWE*, p. 726
- _____ ⇔ Study Guide Masters, p. 119
- _____ ⇔ Math Lab and Modeling Math Masters, p. 75

3 PRACTICE/APPLY

- _____ Checking Your Understanding, *SE*, p. 727

Homework Assignments

- _____ Core: 15–33 odd, 34, 35, 37–43
- _____ Enriched: 14–32 even, 34–43
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 773
- _____ ⇔ Practice Masters, p. 119
- _____ ⇔ Georgia Parent and Student Study Guide Workbook, p. 132

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 727
- _____ ⇔ Assessment and Evaluation Masters, Quiz C, p. 380
- _____ Extension, Using Diagrams, *TWE*, p. 727
- _____ ⇔ Enrichment Masters, p. 119
- _____ ⇔ Activity Masters, p. 14
- _____ ⇔ Group Activity Card 14-5

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14-6 Lesson Planning Guide



(pp. 728–731)

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Materials/resources needed: _____

Objectives

_____ 14-6: Multiply binomials.

NCTM Curriculum Standards: 2, 4, 6-10

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 728
_____ ⇨ Transparency 14-6A

_____ Motivating the Lesson, Situational Problem, *TWE*, p. 728

2 TEACH

_____ In-Class Examples, *TWE*, p. 729
_____ ⇨ Transparency 14-6B
_____ Reteaching, Using Manipulatives, *TWE*, p. 729
_____ ⇨ Study Guide Masters, p. 120

_____ Alternative Teaching Strategies, Student Diversity, *TWE*, p. 729
_____ ⇨ Math Lab and Modeling Math Masters, p. 89
_____ Math Lab 14-6B, *SE*, p. 732

3 PRACTICE/APPLY

_____ Checking Your Understanding, *SE*, p. 730

Homework Assignments

_____ Core: 13–33 odd, 34–39
_____ Enriched: 14–30 even, 31–39
_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 773
_____ ⇨ Practice Masters, p. 120
_____ ⇨ Georgia Parent and Student Study Guide Workbook, p. 133

_____ ⇨ Real-World Applications, 32
_____ ⇨ Tech Prep Applications Masters, p. 28

4 ASSESS

_____ Closing Activity, Modeling, *TWE*, p. 731
_____ ⇨ Assessment and Evaluation Masters, Quiz D, p. 380
_____ Extension, Using Patterns, *TWE*, p. 731

_____ ⇨ Enrichment Masters, p. 120
_____ ⇨ Activity Masters, p. 28
_____ ⇨ Multicultural Activity Masters, p. 28
_____ ⇨ Group Activity Card 14-6

Review and Assessment Options

_____ Chapter 14 Highlights, *SE*, p. 733
_____ Chapter 14 Study Guide and Assessment, *SE*, pp. 734–736
_____ Chapter 14 Alternative Assessment, *SE*, p. 737
_____ Chapter 14 Test, *SE*, p. 787
_____ ⇨ MindJogger Videoquizzes, Chapter 14
_____ ⇨ State Test Preparation CD-ROM

_____ ⇨ Assessment and Evaluation Masters, Chapter 14 Tests, pp. 365–376; Performance Assessment, p. 377; Standardized Test Practice, p. 381; Cumulative Review, pp. 382–383
_____ ⇨ Test and Review Software
_____ ⇨ Georgia Parent and Student Study Guide Workbook, p. 134
_____ ⇨ Georgia Stanford 9 Practice and Sample Test Workbook

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