

7 Algebra: Using Rational Numbers



Chapter Pacing Guide

Please note that this pacing guide is based upon completing the entire text in 165 classes, approximately 50 minutes each. More time can be allotted for this chapter if you do n*Chapter Project

<i>Day (Standard)</i>	<i>Day (Honors)</i>	<i>Lesson</i>	<i>Title</i>
1	1	*Chapter Project	Theme: Nature Patterns in Nature
2		7-1	Adding and Subtracting Like Fractions
3	2	7-2	Adding and Subtracting Unlike Fractions
4	3	7-3	Multiplying Fractions
5	4	7-4	Properties of Rational Numbers
6	5	7-5A	<small>THINKING LAB</small> Problem Solving Look for a Pattern
7	6 & 7	7-5	Integration: Patterns and Functions Sequences
		*7-5B	<small>HANDS-ON LAB</small> Cooperative Learning The Fibonacci Sequence
8	8 & 9	7-6	Integration: Geometry Area of Triangles and Trapezoids
		*7-6B	<small>HANDS-ON LAB</small> Cooperative Learning Area and Pick's Theorem
9 & 10		*7-7A	<small>HANDS-ON LAB</small> Cooperative Learning Graphing Pi
	10	7-7	Integration: Geometry Circles and Circumference
11	11	7-8	Dividing Fractions
12	12	7-9	Solving Equations
13	13	7-10	Solving Inequalities
14	14	Review: Study Guide and Assessment	
15	15	Assessment: Chapter Test	

* *Optional*

Chapter Resources

<p>Meeting Individual Needs <i>Investigations for the Special Education Student</i>, Read All About Us, p. 15; Wall Street Week, pp.17-18 <i>Spanish Study Guide and Assessment</i> <i>Study Guide and Practice Workbook</i></p>	<p>Technology <i>Electronic Teacher's Classroom</i> <i>Resources (ETCR)</i> www.glencoe.com/sec/math/mac/mathnet</p>
<p>Interactive Mathematics: Activities and Investigations Units 9 and 11</p>	<p>Applications <i>Family Letters and Activities</i>, pp. 65-66 <i>Spanish Family Letters and Activities</i>, pp. 65-66</p>



Chapter Project (pp. 276-277)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

- _____ Gain an awareness of mathematical patterns in the world around them.
- _____ Develop their skills in presenting knowledge both verbally and visually.
- _____ State/local objectives: _____

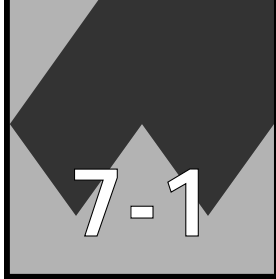
Theme: Nature

- _____ Chapter Project, *SE*, p. 277
- _____ Chapter 7 Notes, *TWE*, p. 276
- _____ Question of the Day, *TWE*, p. 276
- _____ ⇄ *Investigations and Projects Masters*, pp. 41-44

Homework Assignments

- _____ p. 298, Working on the Chapter Project, Exercise 29
- _____ p. 311, Working on the Chapter Project, Exercise 26
- _____ p. 325, Completing the Chapter Project, Alternative Assessment

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



Lesson Planning Guide (pp. 278-280)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

_____ Add and subtract fractions with like denominators.

_____ State/local objectives: _____

NCTM Standards: 1, 2, 4, 6-10
South Carolina Math Curriculum Standards
Grade 8: NO I.A.1., NO III.A.1., NO III.B.1., ALG II.A.1., ALG II.D.2.

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 278

_____ ⇨ Transparency 7-1A

_____ Motivating the Lesson, Hands-On-Activity, *TWE*, p. 278

2 TEACH

_____ ⇨ Transparency 7-1B

_____ Using the Mini-Lab, *TWE*, p. 278

_____ ⇨ *Teacher's Guide for Overhead Manipulative Resources*, Mini-Lab for Lesson 7-1

_____ In-Class Examples, *TWE*, p. 279

_____ ⇨ *Study Guide Masters*, p. 50

_____ Reteaching the Lesson, *TWE*, p. 279

_____ ⇨ *Transition Booklet*, pp. 15-20, 23-24

_____ ⇨ *CD-ROM Program*, Resource Lesson 7-1

_____ ⇨ *Interactive Mathematics Tools Software*

3 PRACTICE/APPLY

_____ Check for Understanding, *SE*, pp. 279-280

Homework Assignments (p. 280)

_____ Core: 9-23 odd, 25-28

_____ Enriched: 10-22 even, 23-28

_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 623

_____ ⇨ *Practice Masters*, p. 50

_____ ⇨ *South Carolina Parent and Student Study Guide Workbook*, p. 56

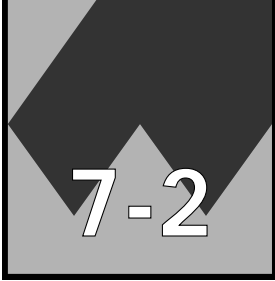
4 ASSESS

_____ Closing Activity, Modeling, *TWE*, p. 280

_____ Extending the Lesson, *TWE*, p. 280

_____ ⇨ *Enrichment Masters*, p. 50

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



Lesson Planning Guide (pp. 281-285)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

_____ Add and subtract fractions with unlike denominators.

_____ State/local objectives: _____

NCTM Standards:

1, 2, 6-10

South Carolina Math Curriculum Standards

Grade 8: NO I.A.1., NO III.A.1., NO III.B.1., ALG II.A.1., ALG II.D.2.

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 281

_____ ⇨ Transparency 7-2A

_____ Motivating the Lesson, Communication, *TWE*, p. 281

2 TEACH

_____ ⇨ Transparency 7-2B

_____ Using Connections, *TWE*, p. 282

_____ In-Class Examples, *TWE*, p. 282

_____ ⇨ *Study Guide Masters*, p. 51

_____ Reteaching the Lesson, *TWE*, p. 283

_____ Error Analysis, *TWE*, p. 283

_____ ⇨ *Transition Booklet*, pp. 21-24

_____ ⇨ *CD-ROM Program*, Resource Lesson 7-2, Interactive Lesson 7-2

_____ ⇨ *Interactive Mathematics Tools Software*

3 PRACTICE/APPLY

_____ Check for Understanding, *SE*, p. 382

Homework Assignments (pp. 283-284)

_____ Core: 15-35 odd, 37-42


_____ Enriched: 16-32 even, 34-42

_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 623

_____ ⇨ Practice Masters, p.51

_____ ⇨ *Classroom Games*, pp. 19-20

_____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 57

4 ASSESS

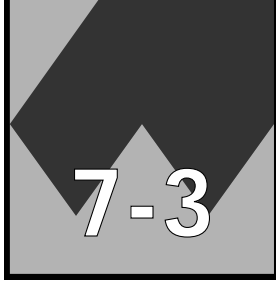
_____ Let the Games Begin, *SE*, p. 285

_____ Closing Activity, Writing, *TWE*, p. 284

_____ Extending the Lesson, *TWE*, p. 284

_____ ⇨ *Enrichment Masters*, p. 51

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



Lesson Planning Guide (pp. 286-289)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

- _____ Multiply fractions.
- _____ State/local objectives: _____

NCTM Standards: 1, 2, 6-10
South Carolina Math Curriculum Standards Grade 8: NO I.A.1., NO III.A.1., NO III.B.1., ALG II.A.1., ALG II.D.2.

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 286
- _____ ⇨ Transparency 7-3A
- _____ Motivating the Lesson, Hands-On-Activity, *TWE*, p. 286
- _____ Cross-Curriculum Cue, *TWE*, p. 286

2 TEACH

- _____ ⇨ Transparency 7-3B
- _____ Using the Mini-Lab, *TWE*, p. 287
- _____ ⇨ *Teacher's Guide for Overhead Manipulative Resources*, Mini-Lab for Lesson 7-3
- _____ Multiple Learning Styles, Logical, *TWE*, p. 287
- _____ In-Class Examples, *TWE*, p. 287
- _____ ⇨ *Study Guide Masters*, p. 52
- _____ Reteaching the Lesson, *TWE*, p. 288
- _____ ⇨ *Transition Booklet*, pp. 25-26
- _____ ⇨ *CD-ROM Program*, Resource Lesson 7-3, Interactive Lesson 7-3
- _____ ⇨ *Interactive Mathematics Tools Software*

3 PRACTICE/APPLY

- _____ Check for Understanding, *SE*, p. 288

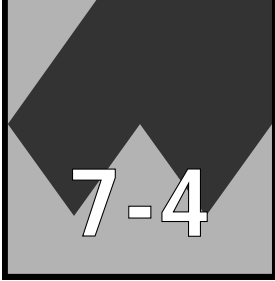
Homework Assignments (pp. 288-289)	
_____ Core: 11-29 odd, 30-34	_____ Enriched: 10-26 even, 28-34
_____ Alternate Assignment: _____	

- _____ Extra Practice, *SE*, p. 624
- _____ Math in the Media, *SE*, p. 289
- _____ ⇨ *Practice Masters*, p. 52
- _____ ⇨ *School to Career Masters*, p. 33
- _____ ⇨ *South Carolina Parent and Student Study Guide Workbook*, p. 58

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 289
- _____ ⇨ *Assessment and Evaluation Masters*, Quiz A, p. 183
- _____ Extending the Lesson, *TWE*, p. 289
- _____ ⇨ *Enrichment Masters*, p. 52

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



Lesson Planning Guide (pp. 290-293)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

- _____ Identify and use rational number properties.
- _____ State/local objectives: _____

NCTM Standards: 1, 2, 6-10
South Carolina Math Curriculum Standards Grade 8: NO II.B.1., ALG II.A.1., ALG II.D.2.

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 290
- _____ ⇨ Transparency 7-4A
- _____ Motivating the Lesson, Communication, *TWE*, p. 290
- _____ Multiple Learning Styles, Visual/Spatial, *TWE*, p. 290

2 TEACH


- _____ ⇨ Transparency 7-4B
- _____ Reading Mathematics, *TWE*, p. 291
- _____ In-Class Examples, *TWE*, p. 291
- _____ ⇨ *Study Guide Masters*, p. 53
- _____ Reteaching the Lesson, *TWE*, p. 291
- _____ ⇨ *CD-ROM Program*, Resource Lesson 7-4

3 PRACTICE/APPLY

- _____ Check for Understanding, *SE*, p. 291

Homework Assignments (p. 292)

- _____ Core: 11-31 odd, 32-36 _____ Enriched: 10-28 even, 30-36
- _____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 624
- _____ ⇨ *Practice Masters*, p. 53
- _____ School to Career Activity, *SE*, p. 293
- _____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 59

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 292
- _____ Extending the Lesson, *TWE*, p. 292
- _____ ⇨ *Enrichment Masters*, p. 53

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



Lesson Planning Guide (pp. 294-295)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

_____ Solve problems by finding and extending a pattern.

_____ State/local objectives: _____

NCTM Standards: 1, 2, 6-9
South Carolina Math Curriculum Standards Grade 8: NO I.A.1., NO III.A.1.

1 FOCUS

_____ Getting Started, *TWE*, p. 294

2 TEACH

_____ Reteaching the Lesson, *TWE*, p. 294

3 PRACTICE/APPLY

_____ Check for Understanding, *TWE*, p. 295

Homework Assignments (p. 295)

_____ All: 5-14

_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 624

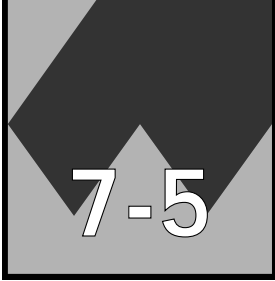
_____ Mixed Problem Solving, *SE*, pp. 645-646

4 ASSESS

_____ Closing Activity, Modeling, *TWE*, p. 295

_____ Extending the Lesson, *TWE*, p. 295

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



Lesson Planning Guide (pp. 296-299)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

- _____ Recognize and extend arithmetic and geometric sequences.
- _____ State/local objectives: _____

NCTM Standards:
1-3, 6-9

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 296
- _____ ⇨ Transparency 7-5A
- _____ Motivating the Lesson, Problem Solving, *TWE*, p. 296

2 TEACH

- _____ ⇨ Transparency 7-5B
- _____ Thinking Algebraically, *TWE*, p. 297
- _____ In-Class Examples, *TWE*, p. 297
- _____ ⇨ *Study Guide Masters*, p. 54
- _____ Reteaching the Lesson, *TWE*, p. 298
- _____ Error Analysis, *TWE*, p. 298
- _____ ⇨ *Transition Booklet*, pp. 7-8
- _____ ⇨ *CD-ROM Program*, Resource Lesson 7-5
- _____ ⇨ *Interactive Mathematics Tools Software*

3 PRACTICE/APPLY

- _____ Check for Understanding, *SE*, p. 298

Homework Assignments (pp. 298-299)

_____ Core: 11-27 odd, 31-36 _____ Enriched: 12-28 even, 30-36

_____ Optional: 29 (Working on the Chapter Project)

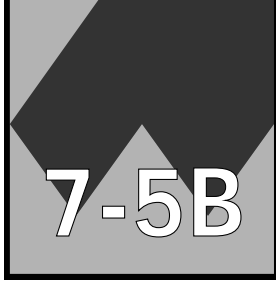
_____ Alternate Assignment: _____

- _____ Extra Practice, *SE*, p. 625
- _____ ⇨ *Practice Masters*, p. 54
- _____ ⇨ *Science and Mathematics Lab Manual*, pp. 77-80
- _____ ⇨ *South Carolina Parent and Student Study Guide Workbook*, p. 60

4 ASSESS

- _____ Closing Activity, Modeling, *TWE*, p. 299
- _____ ⇨ *Assessment and Evaluation Masters*, Mid-Chapter Test, p. 182
- _____ ⇨ *Assessment and Evaluation Masters*, Quiz B, p. 183
- _____ Extending the Lesson, *TWE*, p. 299
- _____ ⇨ *Enrichment Masters*, p. 54
- _____ Mid-Chapter Self Test, *SE*, p. 299

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



Lesson Planning Guide (p. 300)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

_____ Discover the numbers that make up the Fibonacci sequence.

_____ State/local objectives: _____

NCTM Standards:
1, 2, 6-10

MANAGEMENT

_____ Getting Started, *TWE*, p. 300

_____ ⇨ *Hands-On Lab Masters*, p. 10: grid paper

ASSESS

_____ *TWE*, p. 300

_____ ⇨ *Hands-On Lab Masters*, p. 53

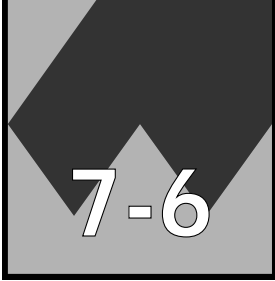
Class Activity (p. 300)

_____ All: 1-5

_____ Alternate Assignment: _____

_____ Math Journal, *TWE*, p. 300

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



Lesson Planning Guide (pp. 301-304)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

- _____ Find the areas of triangles and trapezoids.
- _____ State/local objectives: _____

NCTM Standards: 1-4, 6-10
South Carolina Math Curriculum Standards
Grade 8: NO I.A.1., NO III.A.1., MEA II.C.1., MEA II.C.2., MEA II.F.1.

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 301
- _____ ⇨ Transparency 7-6A
- _____ Motivating the Lesson, Hands-On-Activity, *TWE*, p. 301

2 TEACH

- _____ ⇨ Transparency 7-6B
- _____ Using the Mini-Lab, *TWE*, p. 302
- _____ ⇨ *Teacher's Guide for Overhead Manipulative Resources*, Mini-Lab for Lesson 7-6
- _____ In-Class Examples, *TWE*, p. 302
- _____ ⇨ *Study Guide Masters*, p. 55
- _____ Reteaching the Lesson, *TWE*, p. 303
- _____ Error Analysis, *TWE*, p. 303
- _____ ⇨ *CD-ROM Program*, Resource Lesson 7-6, Interactive Lesson 7-6

3 PRACTICE/APPLY

- _____ Check for Understanding, *SE*, p. 303

Homework Assignments (pp. 303-304)

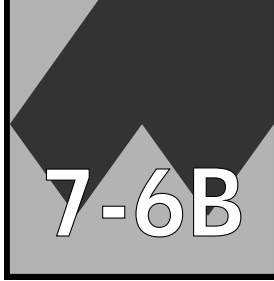
- | | |
|-----------------------------------|-----------------------------------|
| _____ Core: 11-31 odd, 33-37 | _____ Enriched: 12-30 even, 31-37 |
| _____ Alternate Assignment: _____ | |

- _____ Extra Practice, *SE*, p. 625
- _____ ⇨ *Practice Masters*, p. 55
- _____ ⇨ *Hands-On Lab Masters*, p. 74
- _____ Family Activity, *SE*, p. 304
- _____ ⇨ *South Carolina Parent and Student Study Guide Workbook*, p. 61

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 304
- _____ Extending the Lesson, *TWE*, p. 304
- _____ ⇨ *Enrichment Masters*, p. 55

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



Lesson Planning Guide (pp. 305-306)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

_____ Connect algebra and geometry to find the area of a triangle.

_____ State/local objectives: _____

NCTM Standards: 1-4, 6-9
South Carolina Math Curriculum Standards Grade 8: NO III.A.1.

MANAGEMENT

_____ Getting Started, *TWE*, p. 305

_____ ⇨ *Hands-On Lab Masters*, p. 12: square dot paper

_____ ⇨ *Teacher's Guide for Overhead Manipulative Resources*, Lesson 7-6B

_____ ⇨ *Overhead Manipulative Resources*: geoboard and geobands, rectangular dot paper transparency

ASSESS

_____ *TWE*, p. 306

_____ ⇨ *Hands-On Lab Masters*, p. 54

Class Activity (p. 306)

_____ All: 1-5

_____ Alternate Assignment: _____

_____ Math Journal, *TWE*, p. 306

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



Lesson Planning Guide (pp. 307-308)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

- _____ Explore the value of pi.
- _____ State/local objectives: _____

NCTM Standards:
1-4, 6-10

MANAGEMENT

- _____ Getting Started, *TWE*, p. 307
- _____ ⇨ *Hands-On Lab Masters*, p. 10: grid paper

ASSESS

- _____ *TWE*, p. 308
- _____ ⇨ *Hands-On Lab Masters*, p. 55

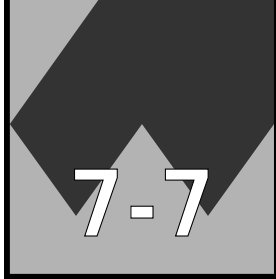
Class Activity (p. 308)

_____ All: 1-2

_____ Alternate Assignment: _____

_____ Math Journal, *TWE*, p. 308

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



Lesson Planning Guide (pp. 309-311)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

- _____ Find the circumference of circles.
- _____ State/local objectives: _____

NCTM Standards: 1-4, 6-10
South Carolina Math Curriculum Standards Grade 8: NO I.A.1., NO III.A.1., MEA II.F.1.

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 309
- _____ ⇨ Transparency 7-7A
- _____ Motivating the Lesson, Problem Solving, *TWE*, p. 309

2 TEACH

- _____ ⇨ Transparency 7-7B
- _____ Reading Mathematics, *TWE*, p. 309
- _____ In-Class Examples, *TWE*, p. 310
- _____ ⇨ *Study Guide Masters*, p. 56
- _____ Reteaching the Lesson, *TWE*, p. 310
- _____ Error Analysis, *TWE*, p. 310
- _____ ⇨ *CD-ROM Program*, Resource Lesson 7-7, Interactive Lesson 7-7

3 PRACTICE/APPLY

- _____ Check for Understanding, *SE*, p. 310

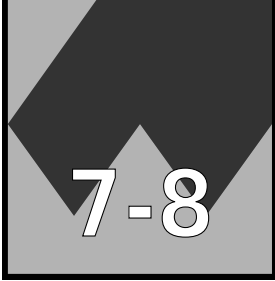
Homework Assignments (pp. 310-311)	
_____ Core: 11-25 odd, 27-30	_____ Enriched: 10-24 even, 25, 27-30
_____ Optional: 26 (Working on the Chapter Project)	
_____ Alternate Assignment: _____	

- _____ Extra Practice, *SE*, p. 625
- _____ ⇨ *Practice Masters*, p. 56
- _____ ⇨ *Technology Masters*, Calculator Activity, p. 65
- _____ ⇨ *South Carolina Parent and Student Study Guide Workbook*, p. 62

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 311
- _____ Extending the Lesson, *TWE*, p. 311
- _____ ⇨ *Enrichment Masters*, p. 56

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



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

- _____ Divide fractions.
- _____ State/local objectives: _____

NCTM Standards: 1-3, 6-10
South Carolina Math Curriculum Standards Grade 8: NO I.A.1., NO III.A.1., NO III.B.1., ALG II.D.2.

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 312
- _____ ⇨ Transparency 7-8A
- _____ Motivating the Lesson, Hands-On-Activity, *TWE*, p. 312
- _____ Multiple Learning Styles, Interpersonal, *TWE*, p. 312

2 TEACH

- _____ ⇨ Transparency 7-8B
- _____ Thinking Algebraically, *TWE*, p. 312
- _____ In-Class Examples, *TWE*, p. 313
- _____ ⇨ *Study Guide Masters*, p. 57
- _____ Reteaching the Lesson, *TWE*, p. 313
- _____ ⇨ *Transition Booklet*, pp. 27-28
- _____ ⇨ *CD-ROM Program*, Resource Lesson 7-8

3 PRACTICE/APPLY

- _____ Check for Understanding, *SE*, p. 313

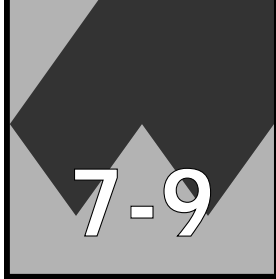
Homework Assignments (p. 314)	
_____ Core: 9-21 odd, 23-26	_____ Enriched: 10-20 even, 21-26
_____ Alternate Assignment: _____	

- _____ Extra Practice, *SE*, p. 626
- _____ ⇨ *Practice Masters*, p. 57
- _____ ⇨ *South Carolina Parent and Student Study Guide Workbook*, p. 63

4 ASSESS

- _____ Closing Activity, Writing, *TWE*, p. 314
- _____ ⇨ *Assessment and Evaluation Masters*, Quiz C, p. 184
- _____ Extending the Lesson, *TWE*, p. 314
- _____ ⇨ *Enrichment Masters*, p. 57

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



Lesson Planning Guide (pp. 315-317)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

- _____ Solve equations involving rational numbers.
- _____ State/local objectives: _____

NCTM Standards: 1, 2, 6-9
South Carolina Math Curriculum Standards
Grade 8: ALG II.C.1., ALG II.D.2.

1 FOCUS

- _____ 5-Minute Check, *TWE*, p. 315
- _____ ⇨ Transparency 7-9A
- _____ Motivating the Lesson, Communication, *TWE*, p. 315

2 TEACH

- _____ ⇨ Transparency 7-9B
- _____ Thinking Algebraically, *TWE*, p. 315
- _____ In-Class Examples, *TWE*, p. 316
- _____ ⇨ *Study Guide Masters*, p. 58
- _____ Reteaching the Lesson, *TWE*, p. 316
- _____ ⇨ *CD-ROM Program*, Resource Lesson 7-9

3 PRACTICE/APPLY

- _____ Check for Understanding, *SE*, p. 316

Homework Assignments (p. 317)

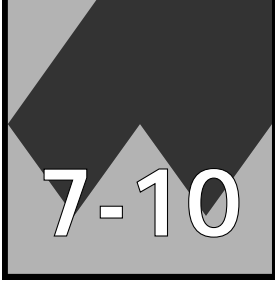
- | | |
|-----------------------------------|-----------------------------------|
| _____ Core: 11-29 odd, 31-35 | _____ Enriched: 12-26 even, 28-35 |
| _____ Alternate Assignment: _____ | |

- _____ Extra Practice, *SE*, p. 626
- _____ ⇨ *Practice Masters*, p. 58
- _____ ⇨ *Technology Masters*, Graphing Calculator Activity, p. 66
- _____ ⇨ *Diversity Masters*, p. 33
- _____ ⇨ *South Carolina Parent and Student Study Guide Workbook*, p. 64

4 ASSESS

- _____ Closing Activity, Speaking, *TWE*, p. 317
- _____ Extending the Lesson, *TWE*, p. 317
- _____ ⇨ *Enrichment Masters*, p. 58

KEY <i>SE</i> = Student Edition <i>TWE</i> = Teacher's Wraparound Edition ⇨ = Other Program Components
--



Lesson Planning Guide (pp. 318-321)



Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Objectives

_____ Solve inequalities involving rational numbers and graph their solutions.

_____ State/local objectives: _____

NCTM Standards: 1, 2, 6-9
South Carolina Math Curriculum Standards Grade 8: ALG II.D.2.

1 FOCUS

_____ 5-Minute Check, *TWE*, p. 318

_____ ⇨ Transparency 7-10A

_____ Motivating the Lesson, Problem Solving, *TWE*, p. 318

2 TEACH

_____ ⇨ Transparency 7-10B

_____ Using Logical Reasoning, *TWE*, p. 319

_____ In-Class Examples, *TWE*, pp. 319, 320

_____ ⇨ *Study Guide Masters*, p. 59

_____ Reteaching the Lesson, *TWE*, p. 320

_____ Error Analysis, *TWE*, p. 320

_____ ⇨ *CD-ROM Program*, Resource Lesson 7-10

3 PRACTICE/APPLY

_____ Check for Understanding, *SE*, p. 320

Homework Assignments (p. 321)


_____ Core: 11-31 odd, 32-36

_____ Enriched: 10-28 even, 30-36

_____ Alternate Assignment: _____

_____ Extra Practice, *SE*, p. 626

_____ ⇨ *Practice Masters*, p. 59

_____ ⇨  *South Carolina Parent and Student Study Guide Workbook*, p. 65

4 ASSESS

_____ Closing Activity, Writing, *TWE*, p. 321

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

_____ Extending the Lesson, *TWE*, p. 321

_____ ⇨ *Enrichment Masters*, p. 59

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



Review and Assessment (pp. 322-327)



Teacher's Name _____ Dates _____

Grade _____ Class _____

Review M Tu W Th F
Testing M Tu W Th F

- _____ Study Guide and Assessment, *SE*, pp. 322-325
- _____ Standardized Test Practice, *SE*, pp. 326-327
- _____ Chapter Test, *SE*, p. 653

⇔ **Assessment and Evaluation Masters (pp. 169-187)**

Multiple-Choice Tests

- _____ Form 1A, 1B, or 1C, pp. 169-174
- _____ Standardized Test Practice, pp. 185-186

Free-Response Tests

- _____ Form 2A, 2B, or 2C, pp. 175-180
- _____ Performance Assessment, p. 181
- _____ Cumulative Review, p. 187

- _____ ⇔ *MindJogger Videoquizzes*, Chapter 7
- _____ ⇔ *Test and Review Software*
- _____ ⇔ *CD-ROM Assessment Game*
- _____ ⇔ *State Test Preparation CD-ROM*
- _____ ⇔ *South Carolina Parent and Student Study Guide Workbook*, p. 66
- _____ ⇔ *South Carolina PACT Workbook and Test Preparation, Grade 8*

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