

# 4 Multiplying and Dividing Decimals



## Chapter Pacing Guide

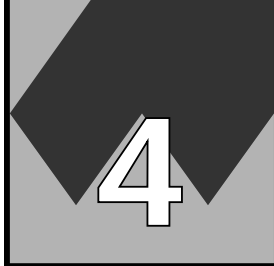
Please note that this pacing guide is based upon completing the entire text in 165 classes, approximately 50 minutes each. More time can be allotted for this chapter if you do not plan to teach the entire text.

Day (Standard)	Day (Honors)	Lesson	Title
1	1	*Chapter Project	Theme: Business Be Your Own Boss!
2 & 3		*4-1A	HANDS-ON LAB Cooperative Learning Multiplying Decimals by Whole Numbers
	2	4-1	Multiplying Decimals by Whole Numbers
4	3	4-2	Using the Distributive Property
5 & 6		*4-3A	HANDS-ON LAB Cooperative Learning Multiplying Decimals
		4-3	Multiplying Decimals
	4 & 5	*4-3B	TECHNOLOGY LAB Spreadsheets Reading Spreadsheets
7	6 & 7	4-4	Integration: Geometry Perimeter and Area
		*4-4B	HANDS-ON LAB Cooperative Learning Area and Perimeter
8	8	4-5A	THINKING LAB Problem Solving Solve a Simpler Problem
9	9	4-5	Dividing Decimals by Whole Numbers
10 & 11		*4-6A	HANDS-ON LAB Cooperative Learning Dividing by Decimals
	10	4-6	Dividing by Decimals
12	11	4-7	Zeros in the Quotient
13	12	4-8	Integration: Measurement Mass and Capacity in the Metric System
14 & 15	13	4-9	Integration: Measurement Changing Metric Units
	14	Review: Study Guide and Assessment	
16	15	Assessment: Chapter Test	

\* Optional

## Chapter Resources

<p><b>Meeting Individual Needs</b>  <i>Investigations for the Special Education Student</i>,                      The Check's in the Mail, pp. 9-12;                      Super Star!, pp. 31-34  <i>Spanish Study Guide and Assessment</i>  <i>Study Guide and Practice Workbook</i></p>	<p><b>Technology</b>  <i>Electronic Teacher's Classroom</i>                      Resources (ETCR)  <a href="http://www.glencoe.com/sec/math/mac/mathnet">www.glencoe.com/sec/math/mac/mathnet</a></p>
<p><b>Interactive Mathematics: Activities and Investigations</b>                      Units 2 and 14</p>	<p><b>Applications</b>  <i>Family Letters and Activities</i>, pp. 7-9  <i>Spanish Family Letters and Activities</i>, pp. 7-9</p>



# Chapter Project (pp. 130-131)



Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

## Objectives

- \_\_\_\_\_ Develop a pricing strategy for a chosen product.
- \_\_\_\_\_ Design an advertisement.

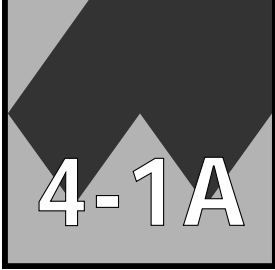
## Theme: *Be Your Own Boss!*

- \_\_\_\_\_ Chapter Project, *SE*, p. 131
- \_\_\_\_\_ Chapter 4 Notes, *TWE*, p. 130
- \_\_\_\_\_ Question of the Day, *TWE*, p. 130
- \_\_\_\_\_ ⇨ *Investigations and Projects Masters*, pp. 29-32

### *Homework Assignments*

- \_\_\_\_\_ p. 135, Working on the Chapter Project, Exercise 32
- \_\_\_\_\_ p. 143, Working on the Chapter Project, Exercise 30
- \_\_\_\_\_ p. 173, Completing the Chapter Project, Alternative Assessment

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



# Lesson Planning Guide (p. 132)



Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

## Objectives

\_\_\_\_\_ Students use grid paper to multiply decimals by whole numbers.

The California Mathematics Academic Content Standards

Grade 5: MR2.3, MR2.4  
Basic Lesson

Grade 6: MR1.2  
Basic Lesson

## MANAGEMENT

- \_\_\_\_\_ Getting Started, *TWE*, p. 132
- \_\_\_\_\_ ⇨ *Hands-On Lab Masters*, p. 11: grid paper
- \_\_\_\_\_ ⇨ *Teacher's Guide for Overhead Manipulative Resources*, Lesson 4-1A
- \_\_\_\_\_ ⇨ *Overhead Manipulative Resources*: decimal models

## ASSESS

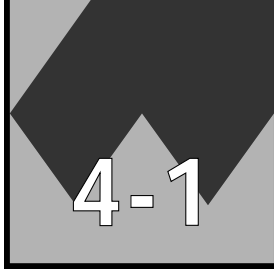
- \_\_\_\_\_ *TWE*, p. 132
- \_\_\_\_\_ ⇨ *Hands-On Lab Masters*, p. 43

### Class Activity (p. 132)

- \_\_\_\_\_ All: 1-5
- \_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

\_\_\_\_\_ Math Journal, *TWE*, p. 132

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



# Lesson Planning Guide (pp. 133-136)



Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

## Objectives

\_\_\_\_\_ Estimate and find the products of decimals and whole numbers.

### 1 FOCUS

- \_\_\_\_\_ 5-Minute Check, *TWE*, p. 133
- \_\_\_\_\_ ⇨ Transparency 4-1A
- \_\_\_\_\_ Motivating the Lesson, Problem Solving, *TWE*, p. 133
- \_\_\_\_\_ Cross-Curriculum Cue, *TWE*, p. 133

### 2 TEACH

- \_\_\_\_\_ ⇨ Transparency 4-1B
- \_\_\_\_\_ Reading Mathematics, *TWE*, p. 134
- \_\_\_\_\_ In-Class Examples, *TWE*, p. 134
- \_\_\_\_\_ ⇨ *Study Guide Masters*, p. 23
- \_\_\_\_\_ Reteaching the Lesson, *TWE*, p. 134
- \_\_\_\_\_ ⇨ *Transition Booklet*, pp. 21-22
- \_\_\_\_\_ ⇨ *CD-ROM Program*, Resource Lesson 4-1

### 3 PRACTICE/APPLY

- \_\_\_\_\_ Check for Understanding, *SE*, pp. 134-135

#### Homework Assignments (pp. 135-136)

- \_\_\_\_\_ Core: 13-31 odd, 33-37 \_\_\_\_\_ Enriched: 12-28 even, 30, 31, 33-37
- \_\_\_\_\_ Optional: 32 (Working on the Chapter Project)
- \_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

- \_\_\_\_\_ Extra Practice, *SE*, p. 565
- \_\_\_\_\_ ⇨ *Practice Masters*, p. 23

### 4 ASSESS

- \_\_\_\_\_ Closing Activity, Writing, *TWE*, p. 136
- \_\_\_\_\_ Extending the Lesson, *TWE*, p. 136
- \_\_\_\_\_ ⇨ *Enrichment Masters*, p. 23

#### The California Mathematics Academic Content Standards

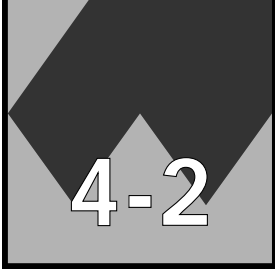
Grade 5: NS2.1, MR2.1, MR2.3, MR2.4, MR2.6, MR3.1

🔑 Key Lesson

Grade 6: SDP2.3, MR2.1, MR2.3

🔑 Key Lesson

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# Lesson Planning Guide (pp. 137-139)



Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_  
Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

## Objectives

\_\_\_\_\_ Compute products mentally using the distributive property.

### 1 FOCUS

- \_\_\_\_\_ 5-Minute Check, *TWE*, p. 137
- \_\_\_\_\_ ⇨ Transparency 4-2A
- \_\_\_\_\_ Motivating the Lesson, Communication, *TWE*, p. 137

### 2 TEACH

- \_\_\_\_\_ ⇨ Transparency 4-2B
- \_\_\_\_\_ Thinking Algebraically, *TWE*, p. 137
- \_\_\_\_\_ In-Class Examples, *TWE*, p. 138
- \_\_\_\_\_ ⇨ *Study Guide Masters*, p. 24
- \_\_\_\_\_ Reteaching the Lesson, *TWE*, p. 138
- \_\_\_\_\_ ⇨ *CD-ROM Program*, Resource Lesson 4-2

### 3 PRACTICE/APPLY

- \_\_\_\_\_ Check for Understanding, *SE*, p. 138

The California Mathematics Academic Content Standards	
Grade 5:	NS2.1, AF1.3, MR2.1, MR2.3, MR2.4, MR2.6, MR3.1
	<b>Key Lesson</b>
Grade 6:	AF1.3, MR1.1, MR2.1
	<b>Basic Lesson</b>

#### Homework Assignments (p. 139)

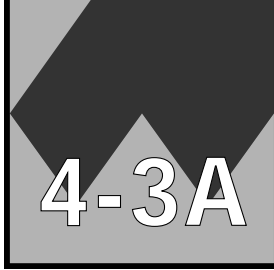
\_\_\_\_\_ Core: 11-25 odd, 27-30      \_\_\_\_\_ Enriched: 10-24 even, 25-30  
 \_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

- \_\_\_\_\_ Extra Practice, *SE*, p. 565
- \_\_\_\_\_ ⇨ *Practice Masters*, p. 24
- \_\_\_\_\_ ⇨ *Technology Masters*, Calculator Activity, p. 7

### 4 ASSESS

- \_\_\_\_\_ Closing Activity, Speaking, *TWE*, p. 139
- \_\_\_\_\_ Extending the Lesson, *TWE*, p. 139
- \_\_\_\_\_ ⇨ *Enrichment Masters*, p. 24

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# Lesson Planning Guide (p. 140)



Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_  
Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

## Objectives

\_\_\_\_\_ Use grid paper to multiply decimals.

## MANAGEMENT

- \_\_\_\_\_ Getting Started, *TWE*, p.140
- \_\_\_\_\_ ⇨ *Hands-On Lab Masters*, p. 11: grid paper
- \_\_\_\_\_ ⇨ *Teacher's Guide for Overhead Manipulative Resources*, Lesson 4-3A
- \_\_\_\_\_ ⇨ *Overhead Manipulative Resources*: decimal models

<b>The California Mathematics Academic Content Standards</b>
Grade 5: NS2.1, MR2.3, MR2.4 <b>Key Lesson</b>
Grade 6: <b>Optional Lesson</b>

## ASSESS

- \_\_\_\_\_ *TWE*, p. 140
- \_\_\_\_\_ ⇨ *Hands-On Lab Masters*, p. 44

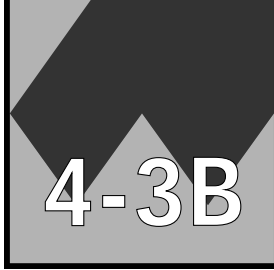
### Class Activity (p. 140)

- \_\_\_\_\_ All: 1-6
- \_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

\_\_\_\_\_ Math Journal, *TWE*, p. 140

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# Lesson Planning Guide (p. 144)



Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_  
Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

## Objectives

\_\_\_\_\_ Explore how data and formulas are entered in a computer spreadsheet.

## MANAGEMENT

\_\_\_\_\_ Getting Started, *TWE*, p. 144

## ASSESS

\_\_\_\_\_ *TWE*, p. 144

<b>The California Mathematics Academic Content Standards</b>
<b>Grade 5:</b> MR2.3, MR2.4 <b>Basic Lesson</b>
<b>Grade 6:</b> <b>Optional Lesson</b>

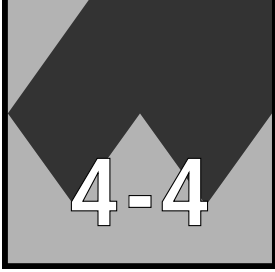
### *Class Activity* (pp. 144)

\_\_\_\_\_ All: 1-5

\_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

\_\_\_\_\_ Math Journal, *TWE*, p. 144

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# Lesson Planning Guide (pp. 145-148)



Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_  
 Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

## Objectives

\_\_\_\_\_ Find the perimeters and the areas of rectangles and squares.

### 1 FOCUS

- \_\_\_\_\_ 5-Minute Check, *TWE*, p. 145
- \_\_\_\_\_ ⇨ Transparency 4-4A
- \_\_\_\_\_ Motivating the Lesson, Hands-On-Activity, *TWE*, p. 145
- \_\_\_\_\_ Multiple Learning Styles, Visual/Spatial, *TWE*, p. 145

### 2 TEACH

- \_\_\_\_\_ ⇨ Transparency 4-4B
- \_\_\_\_\_ Reading Mathematics, *TWE*, p. 146
- \_\_\_\_\_ In-Class Examples, *TWE*, p. 146
- \_\_\_\_\_ ⇨ *Study Guide Masters*, p. 26
- \_\_\_\_\_ Reteaching the Lesson, *TWE*, p. 147
- \_\_\_\_\_ Error Analysis, *TWE*, p. 147
- \_\_\_\_\_ ⇨ *CD-ROM Program*, Resource Lesson 4-4, Interactive Lesson 4-4

### 3 PRACTICE/APPLY

- \_\_\_\_\_ Check for Understanding, *SE*, p. 147

<b>Homework Assignments (pp. 147-148)</b>
_____ Core: 9-21 odd, 23-26                      _____ Enriched: 10-18 even, 20-26
_____ Alternate Assignment: _____

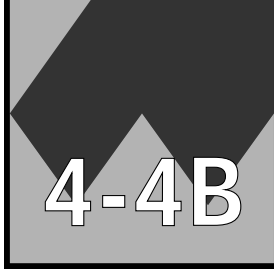
- \_\_\_\_\_ Extra Practice, *SE*, p. 566
- \_\_\_\_\_ ⇨ *Practice Masters*, p. 26
- \_\_\_\_\_ ⇨ *Technology Masters*, Graphing Calculator Activity, p. 8
- \_\_\_\_\_ Family Activity, *SE*, p. 148

### 4 ASSESS

- \_\_\_\_\_ Closing Activity, Modeling, *TWE*, p. 148
- \_\_\_\_\_ Extending the Lesson, *TWE*, p. 148
- \_\_\_\_\_ ⇨ *Enrichment Masters*, p. 26

<b>The California Mathematics Academic Content Standards</b>	
<b>Grade 5:</b>	MG1.1, MG1.4, MR2.3, MR2.4
<b>Key Lesson</b>	
<b>Grade 6:</b>	AF1.3, AF3.1, AF3.2, MR1.1, MR2.2
<b>Basic Lesson</b>	

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# Lesson Planning Guide (p. 149)



Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_  
Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

## Objectives

\_\_\_\_\_ Explore how perimeter and area are related.

## MANAGEMENT

- \_\_\_\_\_ Getting Started, *TWE*, p. 149
- \_\_\_\_\_ ⇨ *Hands-On Lab Masters*, p. 11: grid paper
- \_\_\_\_\_ ⇨ *Teacher's Guide for Overhead Manipulative Resources*, Lesson 4-4B
- \_\_\_\_\_ ⇨ *Overhead Manipulative Resources*: centimeter grid

**The California Mathematics Academic Content Standards**

Grade 5: MG1.1, MG1.4, MR2.3, MR2.4

**Key Lesson**

Grade 6: AF3.1, AF3.2  
**Optional Lesson**

## ASSESS

- \_\_\_\_\_ *TWE*, p. 149
- \_\_\_\_\_ ⇨ *Hands-On Lab Masters*, p. 45

### Class Activity (p. 149)

- \_\_\_\_\_ All: 1-4
- \_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

\_\_\_\_\_ Math Journal, *TWE*, p. 149

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



# Lesson Planning Guide (pp. 150-151)



Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

## Objectives

\_\_\_\_\_ Solve problems by first solving a simpler problem.

### 1 FOCUS

\_\_\_\_\_ Getting Started, *TWE*, p. 150

### 2 TEACH

\_\_\_\_\_ In-Class Examples, *TWE*, p. 150

\_\_\_\_\_ Reteaching the Lesson, *TWE*, p. 150

### 3 PRACTICE/APPLY

\_\_\_\_\_ Check for Understanding, *TWE*, p. 151

The California Mathematics Academic Content Standards	
<b>Grade 5:</b>	MR1.2, MR2.2, MR2.3, MR2.4, MR3.2
<b>Basic Lesson</b>	
<b>Grade 6:</b>	AF3.1, AF3.2, SDP2.3, MR1.3, MR2.3
	<b>Key Lesson</b>

### Homework Assignments (p. 151)

\_\_\_\_\_ All: 4-13

\_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

\_\_\_\_\_ Extra Practice, *SE*, p. 566

\_\_\_\_\_ Mixed Problem Solving, *SE*, pp. 593-594

### 4 ASSESS

\_\_\_\_\_ Closing Activity, Writing, *TWE*, p. 151

\_\_\_\_\_ Extending the Lesson, *TWE*, p. 151

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# Lesson Planning Guide (pp. 152-155)



Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_  
 Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

## Objectives

\_\_\_\_\_ Divide decimals by whole numbers.

### 1 FOCUS

- \_\_\_\_\_ 5-Minute Check, *TWE*, p. 152
- \_\_\_\_\_ ⇨ Transparency 4-5A
- \_\_\_\_\_ Motivating the Lesson, Hands-On-Activity, *TWE*, p. 52

### 2 TEACH

- \_\_\_\_\_ ⇨ Transparency 4-5B
- \_\_\_\_\_ Using Connections, *TWE*, p. 153
- \_\_\_\_\_ In-Class Examples, *TWE*, p. 153
- \_\_\_\_\_ ⇨ *Study Guide Masters*, p. 27
- \_\_\_\_\_ Reteaching the Lesson, *TWE*, p. 153
- \_\_\_\_\_ ⇨ *Transition Booklet*, pp. 25-26
- \_\_\_\_\_ ⇨ *CD-ROM Program*, Resource Lesson 4-5, Interactive Lesson 4-5

The California Mathematics Academic Content Standards	
Grade 5:	NS2.1, NS2.2, MR2.1, MR2.3, MR2.4, MR2.5, MR2.6, MR3.1
	🔑 Key Lesson
Grade 6:	AF1.3, AF3.1, AF3.2, SDP1.4, SDP2.3, MR1.1, MR1.3, MR2.1, MR2.3, MR2.7, MR3.1
	🔑 Key Lesson

### 3 PRACTICE/APPLY

- \_\_\_\_\_ Check for Understanding, *SE*, p. 153

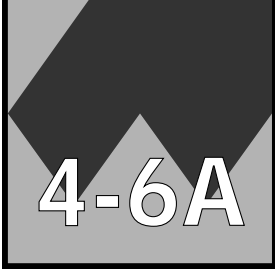
<b>Homework Assignments (pp. 154-155)</b>
_____ Core: 11-31 odd, 33-37                      _____ Enriched: 12-28 even, 29-37
_____ Alternate Assignment: _____

- \_\_\_\_\_ Extra Practice, *SE*, p. 567
- \_\_\_\_\_ ⇨ *Practice Masters*, p. 27
- \_\_\_\_\_ ⇨ *School to Career Masters*, p. 4
- \_\_\_\_\_ ⇨ *Science and Mathematics Lab Manual*, pp. 73-76

### 4 ASSESS

- \_\_\_\_\_ Closing Activity, Speaking, *TWE*, p. 155
- \_\_\_\_\_ ⇨ *Assessment and Evaluation Masters*, Quiz B, p. 99
- \_\_\_\_\_ ⇨ *Assessment and Evaluation Masters*, Mid-Chapter Test, p. 98
- \_\_\_\_\_ Extending the Lesson, *TWE*, p. 155
- \_\_\_\_\_ ⇨ *Enrichment Masters*, p. 27
- \_\_\_\_\_ Mid-Chapter Self Test, *SE*, p. 155

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# Lesson Planning Guide (p. 156)



Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_  
Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

## Objectives

\_\_\_\_\_ Use base-ten blocks to divide decimals.

## MANAGEMENT

- \_\_\_\_\_ Getting Started, *TWE*, p. 156
- \_\_\_\_\_ ⇨ *Hands-On Lab Masters*, p. 1: base-ten models
- \_\_\_\_\_ ⇨ *Teacher's Guide for Overhead Manipulative Resources*, Lesson 4-6A
- \_\_\_\_\_ ⇨ *Overhead Manipulative Resources*: decimal models

<b>The California Mathematics Academic Content Standards</b>	
<b>Grade 5:</b>	NS2.1, NS2.2, MR2.3, MR2.4
	<b>Key Lesson</b>
<b>Grade 6:</b>	<b>Optional Lesson</b>

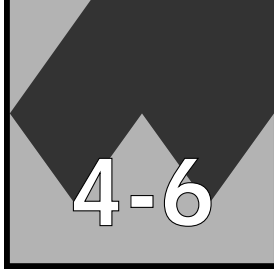
## ASSESS

- \_\_\_\_\_ *TWE*, p. 156
- \_\_\_\_\_ ⇨ *Hands-On Lab Masters*, p. 46

<b>Class Activity (p. 156)</b>	
_____ All: 1-5	
_____ Alternate Assignment:	_____

\_\_\_\_\_ Math Journal, *TWE*, p. 156

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# Lesson Planning Guide (pp. 157-159)



Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

## Objectives

\_\_\_\_\_ Divide decimals by decimals.

### 1 FOCUS

- \_\_\_\_\_ 5-Minute Check, *TWE*, p. 157
- \_\_\_\_\_ ⇨ Transparency 4-6A
- \_\_\_\_\_ Motivating the Lesson, Communication, *TWE*, p. 157
- \_\_\_\_\_ Multiple Learning Styles, Verbal/Linguistic, *TWE*, p. 157

### 2 TEACH

- \_\_\_\_\_ ⇨ Transparency 4-6B
- \_\_\_\_\_ Using Critical Thinking, *TWE*, p. 157
- \_\_\_\_\_ In-Class Examples, *TWE*, p. 158
- \_\_\_\_\_ ⇨ *Study Guide Masters*, p. 28
- \_\_\_\_\_ Reteaching the Lesson, *TWE*, p. 158
- \_\_\_\_\_ ⇨ *Transition Booklet*, pp. 27-28
- \_\_\_\_\_ ⇨ *CD-ROM Program*, Resource Lesson 4-6, Interactive Lesson 4-6

### 3 PRACTICE/APPLY

- \_\_\_\_\_ Check for Understanding, *SE*, p. 158

The California Mathematics Academic Content Standards	
Grade 5:	NS2.1, NS2.2, MR2.1, MR2.3, MR2.4, MR2.5, MR2.6, MR3.1
	🔑 Key Lesson
Grade 6:	SDP2.3, MR1.3, MR2.1, MR2.3
	🔑 Key Lesson

### Homework Assignments (pp. 158-159)

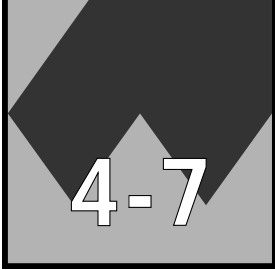
- \_\_\_\_\_ Core: 11-31 odd, 33-37      \_\_\_\_\_ Enriched: 10-28 even, 30-37
- \_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

- \_\_\_\_\_ Extra Practice, *SE*, p. 567
- \_\_\_\_\_ ⇨ *Practice Masters*, p. 28
- \_\_\_\_\_ ⇨ *Classroom Games*, pp. 7-9
- \_\_\_\_\_ School to Career Activity, *SE*, p. 160

### 4 ASSESS

- \_\_\_\_\_ Closing Activity, Speaking, *TWE*, p. 159
- \_\_\_\_\_ Extending the Lesson, *TWE*, p. 159
- \_\_\_\_\_ ⇨ *Enrichment Masters*, p. 28

KEY	<i>SE</i> = Student Edition	<i>TWE</i> = Teacher's Wraparound Edition	⇨ = Other Program Components
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# Lesson Planning Guide (pp. 161-163)



Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_  
Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

## Objectives

\_\_\_\_\_ Divide decimals involving special cases of zero in the quotient.

### 1 FOCUS

- \_\_\_\_\_ 5-Minute Check, *TWE*, p. 161
- \_\_\_\_\_ ⇨ Transparency 4-7A
- \_\_\_\_\_ Motivating the Lesson, Communication, *TWE*, p. 161

### 2 TEACH

- \_\_\_\_\_ ⇨ Transparency 4-7B
- \_\_\_\_\_ Using Calculators, *TWE*, p. 161
- \_\_\_\_\_ In-Class Examples, *TWE*, p. 162
- \_\_\_\_\_ ⇨ *Study Guide Masters*, p. 29
- \_\_\_\_\_ Reteaching the Lesson, *TWE*, p. 162
- \_\_\_\_\_ Error Analysis, *TWE*, p. 162
- \_\_\_\_\_ ⇨ *CD-ROM Program*, Resource Lesson 4-7

### 3 PRACTICE/APPLY

- \_\_\_\_\_ Check for Understanding, *SE*, p. 162

The California Mathematics Academic Content Standards	
<b>Grade 5:</b>	NS2.1, NS2.2, MR2.1, MR2.3, MR2.4, MR2.5, MR2.6, MR3.1
	🔑 <b>Key Lesson</b>
<b>Grade 6:</b>	SDP1.1, SDP2.3, MR2.1
	🔑 <b>Key Lesson</b>

### Homework Assignments (pp. 162-163)

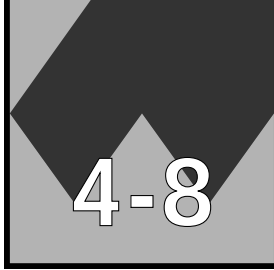
\_\_\_\_\_ Core: 13-31 odd, 33-37                      \_\_\_\_\_ Enriched: 12-28 even, 30-37  
 \_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

- \_\_\_\_\_ Extra Practice, *SE*, p. 567
- \_\_\_\_\_ ⇨ *Practice Masters*, p. 29

### 4 ASSESS

- \_\_\_\_\_ Closing Activity, Writing, *TWE*, p. 163
- \_\_\_\_\_ ⇨ *Assessment and Evaluation Masters*, Quiz C, p. 100
- \_\_\_\_\_ Extending the Lesson, *TWE*, p. 163
- \_\_\_\_\_ ⇨ *Enrichment Masters*, p. 29

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



# Lesson Planning Guide (pp. 164-166)



Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_  
Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

## Objectives

\_\_\_\_\_ Use metric units of mass and capacity.

### 1 FOCUS

- \_\_\_\_\_ 5-Minute Check, *TWE*, p. 164
- \_\_\_\_\_ ⇨ Transparency 4-8B
- \_\_\_\_\_ Motivating the Lesson, Hands-On-Activity, *TWE*, p. 164

### 2 TEACH

- \_\_\_\_\_ ⇨ Transparency 4-8B
- \_\_\_\_\_ Using a Balance, *TWE*, p. 164
- \_\_\_\_\_ In-Class Examples, *TWE*, p. 165
- \_\_\_\_\_ ⇨ *Study Guide Masters*, p. 30
- \_\_\_\_\_ Reteaching the Lesson, *TWE*, p. 165
- \_\_\_\_\_ ⇨ *Transition Booklet*, pp. 31-34
- \_\_\_\_\_ ⇨ *CD-ROM Program*, Resource Lesson 4-8

### 3 PRACTICE/APPLY

- \_\_\_\_\_ Check for Understanding, *SE*, p. 165

<b>The California Mathematics Academic Content Standards</b>
Grade 5: MR2.3, MR2.4 <b>Basic Lesson</b>
Grade 6: SDP2.3 <b>Key Lesson</b>

#### Homework Assignments (pp. 165-166)

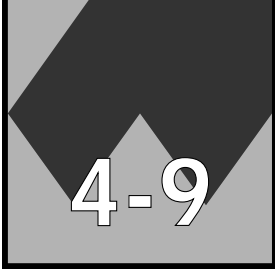
- \_\_\_\_\_ Core: 9-25 odd, 26-29
- \_\_\_\_\_ Enriched: 8-20 even, 22-29
- \_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

- \_\_\_\_\_ Extra Practice, *SE*, p. 568
- \_\_\_\_\_ ⇨ *Practice Masters*, p. 30

### 4 ASSESS

- \_\_\_\_\_ Let the Games Begin, *SE*, p. 166
- \_\_\_\_\_ Closing Activity, Modeling, *TWE*, p. 166
- \_\_\_\_\_ Extending the Lesson, *TWE*, p. 166
- \_\_\_\_\_ ⇨ *Enrichment Masters*, p. 30

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# Lesson Planning Guide (pp. 167-169)



Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_  
Grade \_\_\_\_\_ Class \_\_\_\_\_ M Tu W Th F

## Objectives

\_\_\_\_\_ Change units within the metric system.

### 1 FOCUS

- \_\_\_\_\_ 5-Minute Check, *TWE*, p. 167
- \_\_\_\_\_ ⇨ Transparency 4-9A
- \_\_\_\_\_ Motivating the Lesson, Problem Solving, *TWE*, p. 167

### 2 TEACH

- \_\_\_\_\_ ⇨ Transparency 4-9B
- \_\_\_\_\_ Mastering Basic Skills, *TWE*, p. 168
- \_\_\_\_\_ In-Class Examples, *TWE*, p. 168
- \_\_\_\_\_ ⇨ *Study Guide Masters*, p. 31
- \_\_\_\_\_ Reteaching the Lesson, *TWE*, p. 168
- \_\_\_\_\_ Error Analysis, *TWE*, p. 168
- \_\_\_\_\_ ⇨ *CD-ROM Program*, Resource Lesson 4-9, Interactive Lesson 4-9

### 3 PRACTICE/APPLY

- \_\_\_\_\_ Check for Understanding, *SE*, p. 168

<b>The California Mathematics Academic Content Standards</b>	
<b>Grade 5:</b>	MR2.3, MR2.4, MR2.6, MR3.1
<b>Basic Lesson</b>	
<b>Grade 6:</b>	NS1.3, AF2.1, SDP2.3, MR2.3
🔑 <b>Key Lesson</b>	

#### Homework Assignments (p. 169)

- \_\_\_\_\_ Core: 11-33 odd, 34-38      \_\_\_\_\_ Enriched: 12-30 even, 32-38  
 \_\_\_\_\_ Alternate Assignment: \_\_\_\_\_

- \_\_\_\_\_ Extra Practice, *SE*, p. 568
- \_\_\_\_\_ ⇨ *Practice Masters*, p. 31
- \_\_\_\_\_ ⇨ *Hands-On Lab Masters*, p. 72
- \_\_\_\_\_ ⇨ *Diversity Masters*, p. 4

### 4 ASSESS

- \_\_\_\_\_ Closing Activity, Writing, *TWE*, p. 169
- \_\_\_\_\_ ⇨ *Assessment and Evaluation Masters*, Quiz D, p. 100
- \_\_\_\_\_ Extending the Lesson, *TWE*, p. 169
- \_\_\_\_\_ ⇨ *Enrichment Masters*, p. 31

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# Review and Assessment (pp. 170-175)



Teacher's Name \_\_\_\_\_ Dates \_\_\_\_\_

Grade \_\_\_\_\_ Class \_\_\_\_\_  
Review M Tu W Th F  
Testing M Tu W Th F

- \_\_\_\_\_ Study Guide and Assessment, *SE*, pp. 170-173
- \_\_\_\_\_ Standardized Test Practice, *SE*, pp. 174-175
- \_\_\_\_\_ Chapter Test, *SE*, p. 598





## ⇔ **Assessment and Evaluation Masters (pp. 85-103)**

### Multiple-Choice Tests

- \_\_\_\_\_ Form 1A, 1B, or 1C, pp. 85-90
- \_\_\_\_\_ Standardized Test Practice, pp. 101-102

### Free-Response Tests

- \_\_\_\_\_ Form 2A, 2B, or 2C, pp. 91-96
- \_\_\_\_\_ Performance Assessment, p. 97
- \_\_\_\_\_ Cumulative Review, p. 103

- \_\_\_\_\_ ⇔ *MindJogger Videoquizzes*, Chapter 4
- \_\_\_\_\_ ⇔ *Test and Review Software*
- \_\_\_\_\_ ⇔ *CD-ROM Assessment Game*
- \_\_\_\_\_ ⇔ *State Test Preparation CD-ROM*
- \_\_\_\_\_ ⇔  *California Framework Practice and Sample Test Workbook*, Grade 5
- \_\_\_\_\_ ⇔  *California Framework Practice Transparencies*, Grade 5
- \_\_\_\_\_ ⇔  *California Framework Practice and Sample Test Workbook*, Grade 6
- \_\_\_\_\_ ⇔  *California Framework Practice Transparencies*, Grade 6

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