

# Lesson Planning Guide (pp. 288–291)



7-1

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 1 of 15
Block 90-minute periods	Day 1 of 8

NCTM Standards
1, 4, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-8-M
Louisiana GLE
10

## Objective

\_\_\_ Write ratios as fractions and determine whether two ratios are equivalent.

### 1 Focus

Materials/Resources Needed \_\_\_\_\_

- \_\_\_ 5-Minute Check 7-1, *TWE*, p. 288
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 7-1
- \_\_\_ Bellringer, *TWE*, p. 288
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Section 6-5

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 289
- \_\_\_ *Teaching Math with Manipulatives*, pp. 68–69
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 43
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 7-1
- \_\_\_ Daily Intervention, *TWE*, pp. 289, 290
- \_\_\_ Study Guide and Intervention, *CRM*, p. 375
- \_\_\_ *Study Guide and Intervention Workbook*, p. 49
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 378
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Key Teaching Transparencies*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 376–377
- \_\_\_ *Practice: Skills Workbook*, p. 49
- \_\_\_ *Practice: Word Problems Workbook*, p. 49
- \_\_\_ Extra Practice, *SE*, p. 580
- \_\_\_ [msmath2.net/extra\\_examples/leap21](http://msmath2.net/extra_examples/leap21)
- \_\_\_ Differentiated Instruction, *TWE*, p. 289
- \_\_\_ *Skills Intervention*, Skill 23
- \_\_\_ *Parent and Student Study Guide*, Lesson 7-1
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 2*
- \_\_\_ *Answer Key Transparencies*, Lesson 7-1
- \_\_\_ *WebQuest, Projects, and Interdisciplinary Investigations*, pp. 49–54
- \_\_\_ *Math Skills Maintenance*, Skills 13, 27, 28, 35
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x

#### Assignment Guide, pp. 290–291, SE

Exercises	
Basic	1–49 odd
Advanced	1–29 odd, 31–50
Alternate Assignment _____	
_____	

- \_\_\_ *Solutions Manual*
- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 7-1

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 291
- \_\_\_ Enrichment, *CRM*, p. 379
- \_\_\_ Countdown to LEAP 21, *TWE*, p. LA29
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ [msmath2.net/self\\_check\\_quiz/leap21](http://msmath2.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 42–43

**KEY** SE = Student Edition      TWE = Teacher Wraparound Edition      CRM = Chapter Resource Masters

# Lesson Planning Guide (pp. 292–295)



7-2

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 2 of 15
Block 90-minute periods	Day 1 of 8

NCTM Standards
1, 4, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-5-M, N-8-M, M-1-M
Louisiana GLE
10

## Objective

\_\_\_ Determine unit rates.

### 1 Focus

Materials/Resources Needed \_\_\_\_\_

- \_\_\_ 5-Minute Check 7-2, *TWE*, p. 292
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 7-2
- \_\_\_ Bellringer, *TWE*, p. 292
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Section 6-5

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 293
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 43
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 7-2
- \_\_\_ Daily Intervention, *TWE*, pp. 293, 294
- \_\_\_ Study Guide and Intervention, *CRM*, p. 380
- \_\_\_ *Study Guide and Intervention Workbook*, p. 50
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 383
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 381–382
- \_\_\_ *Practice: Skills Workbook*, p.50
- \_\_\_ *Practice: Word Problems Workbook*, p. 50
- \_\_\_ Extra Practice, *SE*, p. 580
- \_\_\_ [msmath2.net/extra\\_examples/leap21](http://msmath2.net/extra_examples/leap21)
- \_\_\_ Differentiated Instruction, *TWE*, p. 293
- \_\_\_ *Skills Intervention*, Skill 23
- \_\_\_ *Parent and Student Study Guide*, Lesson 7-2
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 2*
- \_\_\_ *Answer Key Transparencies*, Lesson 7-2
- \_\_\_ *MathPASS Tutorial CD-ROM*, Lesson 31
- \_\_\_ *Math Skills Maintenance*, Skills 7, 21, 24, 35
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x

#### Assignment Guide, pp. 294–295, SE

Exercises	
Basic	1–39 odd
Advanced	1–17 odd, 19–40
Alternate Assignment _____	
_____	

- \_\_\_ *Solutions Manual*
- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 7-2

### 4 Assess

- \_\_\_ Higher-Level Thinking, *TWE*, p. 295
- \_\_\_ Enrichment, *CRM*, p. 384
- \_\_\_ Countdown to LEAP 21, *TWE*, p. LA29
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ Assessment, Quiz, *CRM*, p. 429
- \_\_\_ [msmath2.net/self\\_check\\_quiz/leap21](http://msmath2.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 42–43

**KEY** SE = Student Edition      TWE = Teacher Wraparound Edition      CRM = Chapter Resource Masters

# Hands-On Lab (p. 296)



**7-2b**

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 3 of 15
Block 90-minute periods	Day 1 of 8

NCTM Standards
1, 4, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-8-M, M-1-M

## Objective

\_\_\_ Investigate rate of change.

### Getting Started

Materials/Resources Needed square tiles, centimeter grid paper

### Focus

### Teach

- \_\_\_ *Teaching Math with Manipulatives*, p. 70
- \_\_\_ *Overhead Manipulative Resources*
- \_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*
- \_\_\_ *Glencoe Mathematics Student Manipulative Kit*

Assignment Guide, p. 296, SE	
All	1–5
Alternate Assignment _____	

### Assess

# Lesson Planning Guide (pp. 297–300)



7-3

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 4 of 15
Block 90-minute periods	Day 2 of 8

NCTM Standards
1, 2, 4, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-8-M
Louisiana GLE
11

## Objective

\_\_\_ Solve proportions.

### 1 Focus

Materials/Resources Needed \_\_\_\_\_

- \_\_\_ 5-Minute Check 7-3, *TWE*, p. 297
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 7-3
- \_\_\_ Bellringer, *TWE*, p. 297
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Section 6-5

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 298
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 43
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 7-3
- \_\_\_ [msmath2.net/careers](http://msmath2.net/careers)
- \_\_\_ Daily Intervention, *TWE*, p. 298
- \_\_\_ Study Guide and Intervention, *CRM*, p. 385
- \_\_\_ *Study Guide and Intervention Workbook*, p. 51
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 388
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Key Teaching Transparencies*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 386–387
- \_\_\_ *Practice: Skills Workbook*, p. 51
- \_\_\_ *Practice: Word Problems Workbook*, p. 51
- \_\_\_ Extra Practice, *SE*, p. 580
- \_\_\_ [msmath2.net/extra\\_examples/leap21](http://msmath2.net/extra_examples/leap21)
- \_\_\_ *Calculator and Spreadsheet Masters*, p. 37
- \_\_\_ *Parent and Student Study Guide*, Lesson 7-3
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 2*
- \_\_\_ *Answer Key Transparencies*, Lesson 7-3
- \_\_\_ *MathPASS Tutorial CD-ROM*, Lesson 32
- \_\_\_ *Math Skills Maintenance*, Skills 23, 27, 35, 36
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x
- \_\_\_ *Solutions Manual*

#### Assignment Guide, pp. 298–300, SE

Exercises	
Basic	1–59 odd
Advanced	1–37 odd, 39–60
Alternate Assignment _____	
_____	

- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 7-3

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 300
- \_\_\_ Enrichment, *CRM*, p. 389
- \_\_\_ Countdown to LEAP 21, *TWE*, p. LA29
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ [msmath2.net/self\\_check\\_quiz/leap21](http://msmath2.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 42–43

**KEY** SE = Student Edition      TWE = Teacher Wraparound Edition      CRM = Chapter Resource Masters

# Hands-On Lab (p. 301)



**7-3b**

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 5 of 15
Block 90-minute periods	Day 2 of 8

NCTM Standards
1, 2, 4, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
D-2-M, D-4-M

## Objective

\_\_\_ Use proportions to estimate.

### Getting Started

Materials/Resources Needed paper cups, small bowl, dried beans, markers

### Focus

### Teach

- \_\_\_ *Teaching Math with Manipulatives*, p. 71
- \_\_\_ *Overhead Manipulative Resources*
- \_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*
- \_\_\_ *Glencoe Mathematics Student Manipulative Kit*

Assignment Guide, p. 301, SE	
All	1–2
Alternate Assignment _____	

### Assess

**KEY** SE = Student Edition    TWE = Teacher Wraparound Edition    CRM = Chapter Resource Masters

# Problem-Solving Strategy (pp. 302–303)



7-4a

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 6 of 15
Block 90-minute periods	Day 3 of 8

NCTM Standards
1, 2, 4, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-2-M, N-4-M, M-2-M

## Objective

\_\_\_\_ Solve problems by drawing a diagram.

### Getting Started

Materials/Resources Needed \_\_\_\_\_

### Focus

\_\_\_\_ Bellringer, *TWE*, p. 302

### Teach

- \_\_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*
- \_\_\_\_ In-Class Examples, *TWE*, p. 302
- \_\_\_\_ Daily Intervention, *TWE*, p. 302

Assignment Guide, pp. 302–303, SE	
All	1–11
Alternate Assignment _____	

### Assess

\_\_\_\_ Open-Ended Assessment, *TWE*, p. 303

# Lesson Planning Guide (pp. 304–308)



**7-4**

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 7 of 15
Block 90-minute periods	Day 3 of 8

NCTM Standards
1, 2, 4, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-8-M, G-5-M

## Objective

\_\_\_ Solve problems involving scale drawings.

### 1 Focus

Materials/Resources Needed \_\_\_\_\_

- \_\_\_ 5-Minute Check 7-4, *TWE*, p. 304
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 7-4
- \_\_\_ Bellringer, *TWE*, p. 304
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Sections 6-5, 8-6

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, pp. 305–306
- \_\_\_ *Teaching Math with Manipulatives*, p. 72
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 43
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 7-4
- \_\_\_ Daily Intervention, *TWE*, p. 304
- \_\_\_ Study Guide and Intervention, *CRM*, p. 390
- \_\_\_ *Study Guide and Intervention Workbook*, p. 52
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 393
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 391–392
- \_\_\_ *Practice: Skills Workbook*, p. 52
- \_\_\_ *Practice: Word Problems Workbook*, p. 52
- \_\_\_ Extra Practice, *SE*, p. 581
- \_\_\_ [msmath2.net/extra\\_examples/leap21](http://msmath2.net/extra_examples/leap21)
- \_\_\_ Differentiated Instruction, *TWE*, p. 304
- \_\_\_ *Parent and Student Study Guide*, Lesson 7-4
- \_\_\_ *Real-Life Career Masters*
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 2*
- \_\_\_ *Answer Key Transparencies*, Lesson 7-4
- \_\_\_ *Math Skills Maintenance*, Skills 23, 25, 29, 35, 36
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x

#### Assignment Guide, pp. 306–308, *SE*

Exercises	
Basic	1–37 odd
Advanced	1–19 odd, 21–38
Alternate Assignment _____	
_____	

- \_\_\_ *Solutions Manual*
- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 7-4

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 308
- \_\_\_ Enrichment, *CRM*, p. 394
- \_\_\_ Assessment, Mid-Chapter Test, *CRM*, p. 431
- \_\_\_ Countdown to LEAP 21, *TWE*, p. LA30
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ Assessment, Quiz, *CRM*, p. 429
- \_\_\_ [msmath2.net/self\\_check\\_quiz/leap21](http://msmath2.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 42–43

**KEY** *SE* = Student Edition      *TWE* = Teacher Wraparound Edition      *CRM* = Chapter Resource Masters

# Spreadsheet Investigation (pp. 309–311)



7-4b

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 8 of 15
Block 90-minute periods	Day 3 of 8

NCTM Standards
1, 2, 4, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-5-M

## Objective

\_\_\_\_ Use a spreadsheet to calculate measurements for scale drawings.

### Getting Started

Materials/Resources Needed \_\_\_\_\_

### Teach

\_\_\_\_ The Game Zone, *SE*, p. 311

Assignment Guide, p. 309, <i>SE</i>	
All	1–5
Alternate Assignment	_____

### Assess

\_\_\_\_ Mid-Chapter Practice Test, *SE*, p. 310

# Lesson Planning Guide (pp. 312–315)



7-5

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 9 of 15
Block 90-minute periods	Day 4 of 8

NCTM Standards
1, 2, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-1-M, N-5-M, N-6-M

## Objective

\_\_\_ Write percents as fractions, and vice versa.

### 1 Focus

Materials/Resources Needed \_\_\_\_\_

- \_\_\_ 5-Minute Check 7-5, *TWE*, p. 312
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 7-5
- \_\_\_ Bellringer, *TWE*, p. 312
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Sections 2-7, 2-9

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, pp. 313–314
- \_\_\_ *Teaching Mathematics with Foldables™*, pp. 40, 41, 42
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 7-5
- \_\_\_ Daily Intervention, *TWE*, p. 313
- \_\_\_ Study Guide and Intervention, *CRM*, p. 395
- \_\_\_ *Study Guide and Intervention Workbook*, p. 53
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 398
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 396–397
- \_\_\_ *Practice: Skills Workbook*, p. 53
- \_\_\_ *Practice: Word Problems Workbook*, p. 53
- \_\_\_ Extra Practice, *SE*, p. 581
- \_\_\_ [msmath2.net/extra\\_examples/leap21](http://msmath2.net/extra_examples/leap21)
- \_\_\_ *Skills Intervention*, Skill 24
- \_\_\_ *Calculator and Spreadsheet Masters*, p. 38
- \_\_\_ *Parent and Student Study Guide*, Lesson 7-5
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 2*
- \_\_\_ *Answer Key Transparencies*, Lesson 7-5
- \_\_\_ *MathPASS Tutorial CD-ROM*, Lesson 33
- \_\_\_ *Math Skills Maintenance*, Skills 26, 28, 29
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x

#### Assignment Guide, pp. 314–315, SE

Exercises	
Basic	1–51 odd
Advanced	1–37 odd, 39–51
Alternate Assignment _____	

- \_\_\_ *Solutions Manual*
- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 7-5

### 4 Assess

- \_\_\_ Higher-Level Thinking, *TWE*, p. 315
- \_\_\_ Enrichment, *CRM*, p. 399
- \_\_\_ Countdown to LEAP 21, *TWE*, p. LA30
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ [msmath2.net/self\\_check\\_quiz/leap21](http://msmath2.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 42–43

**KEY** SE = Student Edition      TWE = Teacher Wraparound Edition      CRM = Chapter Resource Masters

# Lesson Planning Guide (pp. 316–318)



7-6

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 10 of 15
Block 90-minute periods	Day 5 of 8

NCTM Standards
1, 9, 10
Louisiana GLE
6

## Objective

Write percents greater than 100% and percents less than 1% as fractions and as decimals, and vice versa.

### 1 Focus

Materials/Resources Needed \_\_\_\_\_

- \_\_\_\_\_ 5-Minute Check 7-6, *TWE*, p. 316
- \_\_\_\_\_ 5-Minute Check Transparencies with Standardized Test Practice, Lesson 7-6
- \_\_\_\_\_ Bellringer, *TWE*, p. 316
- \_\_\_\_\_ TeacherWorks CD-ROM, Louisiana Edition
- \_\_\_\_\_ StudentWorks CD-ROM, Louisiana Edition
- \_\_\_\_\_ Interactive Student Edition CD-ROM
- \_\_\_\_\_ Quick Review Math Handbook, Section 2-7

### 2 Teach

- \_\_\_\_\_ In-Class Examples, *TWE*, p. 317
- \_\_\_\_\_ *Teaching Mathematics with Foldables™*, p. 42
- \_\_\_\_\_ Interactive Chalkboard CD-ROM, Lesson 7-6
- \_\_\_\_\_ Daily Intervention, *TWE*, p. 317
- \_\_\_\_\_ Study Guide and Intervention, *CRM*, p. 400
- \_\_\_\_\_ Study Guide and Intervention Workbook, p. 54
- \_\_\_\_\_ Reading to Learn Mathematics, *CRM*, p. 403
- \_\_\_\_\_ TeacherWorks CD-ROM, Louisiana Edition
- \_\_\_\_\_ Key Teaching Transparencies

### 3 Practice/Apply

- \_\_\_\_\_ Practice: Skills, *CRM*, pp. 401–402
- \_\_\_\_\_ Practice: Skills Workbook, p. 54
- \_\_\_\_\_ Practice: Word Problems Workbook, p. 54
- \_\_\_\_\_ Extra Practice, *SE*, p. 581
- \_\_\_\_\_ msmath2.net/extra\_examples/leap21
- \_\_\_\_\_ Parent and Student Study Guide, Lesson 7-6
- \_\_\_\_\_ Virtual Activities for Middle School Mathematics, Level 2
- \_\_\_\_\_ Answer Key Transparencies, Lesson 7-6
- \_\_\_\_\_ WebQuest, Projects, and Interdisciplinary Investigations, pp. 49–54
- \_\_\_\_\_ Math Skills Maintenance, Skill 26
- \_\_\_\_\_ Family Letters & Activities, *CRM*, pp. ix–x
- \_\_\_\_\_ Solutions Manual

#### Assignment Guide, pp. 317–318, SE

Exercises	
Basic	1–53 odd
Advanced	1–37 odd, 39–53
Alternate Assignment _____	
_____	

- \_\_\_\_\_ Louisiana Noteables™: Interactive Study Notebook with Foldables™, Lesson 7-6

### 4 Assess

- \_\_\_\_\_ Open-Ended Assessment, *TWE*, p. 318
- \_\_\_\_\_ Enrichment, *SE*, p. 404
- \_\_\_\_\_ Countdown to LEAP 21, *TWE*, p. LA30
- \_\_\_\_\_ AnswerKey Maker CD-ROM
- \_\_\_\_\_ Assessment, Quiz, *CRM*, p. 430
- \_\_\_\_\_ msmath2.net/self\_check\_quiz/leap21

\_\_\_\_\_ Closing the Gap for Absent Students, pp. 42–43

**KEY** SE = Student Edition      TWE = Teacher Wraparound Edition      CRM = Chapter Resource Masters

# Lesson Planning Guide (pp. 319–321)



7-7

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 11 of 15
Block 90-minute periods	Day 6 of 8

NCTM Standards
1, 2, 6, 9, 10
Louisiana GLE
6

## Objective

\_\_\_ Find the percent of a number.

### 1 Focus

Materials/Resources Needed \_\_\_\_\_

- \_\_\_ 5-Minute Check 7-7, *TWE*, p. 319
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 7-7
- \_\_\_ Bellringer, *TWE*, p. 319
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Sections 2-8, 6-5

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 320
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 42
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 7-7
- \_\_\_ Daily Intervention, *TWE*, p. 320
- \_\_\_ Study Guide and Intervention, *CRM*, p. 405
- \_\_\_ *Study Guide and Intervention Workbook*, p. 55
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 408
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 406–407
- \_\_\_ *Practice: Skills Workbook*, p. 55
- \_\_\_ *Practice: Word Problems Workbook*, p. 55
- \_\_\_ Extra Practice, *SE*, p. 582
- \_\_\_ [msmath2.net/extra\\_examples/leap21](http://msmath2.net/extra_examples/leap21)
- \_\_\_ Differentiated Instruction, *TWE*, p. 320
- \_\_\_ *Calculator and Spreadsheet Masters*, p. 39
- \_\_\_ *Parent and Student Study Guide*, Lesson 7-7
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 2*
- \_\_\_ *Answer Key Transparencies*, Lesson 7-7
- \_\_\_ *MathPASS Tutorial CD-ROM*, Lesson 34
- \_\_\_ *Math Skills Maintenance*, Skills 6, 20, 23, 26
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x

#### Assignment Guide, pp. 320–321, *SE*

Exercises	
Basic	1–35 odd
Advanced	1–19 odd, 21–35
Alternate Assignment _____	

- \_\_\_ *Solutions Manual*
- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 7-7

### 4 Assess

- \_\_\_ Higher-Level Thinking, *TWE*, p. 321
- \_\_\_ Enrichment, *CRM*, p. 409
- \_\_\_ Countdown to LEAP 21, *TWE*, p. LA31
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ [msmath2.net/self\\_check\\_quiz/leap21](http://msmath2.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 42–43

**KEY** *SE* = Student Edition      *TWE* = Teacher Wraparound Edition      *CRM* = Chapter Resource Masters

# Hands-On Lab (p. 322)



7-8a

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 12 of 15
Block 90-minute periods	Day 7 of 8

NCTM Standards
1, 2, 6, 9, 10

## Objective

\_\_\_ Use a percent model to find a part.

### Getting Started

Materials/Resources Needed centimeter grid paper

### Focus

### Teach

- \_\_\_ *Teaching Math with Manipulatives*, p. 78
- \_\_\_ *Overhead Manipulative Resources*
- \_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*
- \_\_\_ *Glencoe Mathematics Student Manipulative Kit*

### Assignment Guide, p. 322, SE

All	1–4
Alternate Assignment _____	

### Assess

**KEY** SE = Student Edition      TWE = Teacher Wraparound Edition      CRM = Chapter Resource Masters

# Lesson Planning Guide (pp. 323–325)



**7-8**

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

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

Recommended Pacing	
Standard 45–50-minute periods	Day 13 of 15
Block 90-minute periods	Day 7 of 8

NCTM Standards
1, 2, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-5-M, N-8-M
Louisiana GLE
6, 11

## Objective

\_\_\_\_ Solve problems using the percent proportions.

### 1 Focus

Materials/Resources Needed \_\_\_\_\_

- \_\_\_\_ 5-Minute Check 7-8, *TWE*, p. 323
- \_\_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 7-8
- \_\_\_\_ Bellringer, *TWE*, p. 323
- \_\_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_\_ *Quick Review Math Handbook*, Sections 2-8, 6-5

### 2 Teach

- \_\_\_\_ In-Class Examples, *TWE*, p. 324
- \_\_\_\_ *Teaching Mathematics with Foldables™*, pp. 42, 43
- \_\_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 7-8
- \_\_\_\_ Daily Intervention, *TWE*, p. 324
- \_\_\_\_ Study Guide and Intervention, *CRM*, p. 410
- \_\_\_\_ *Study Guide and Intervention Workbook*, p. 56
- \_\_\_\_ Reading to Learn Mathematics, *CRM*, p. 413
- \_\_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_\_ *Key Teaching Transparencies*

### 3 Practice/Apply

- \_\_\_\_ Practice: Skills, *CRM*, pp. 411–412
- \_\_\_\_ *Practice: Skills Workbook*, p. 56
- \_\_\_\_ *Practice: Word Problems Workbook*, p. 56
- \_\_\_\_ Extra Practice, *SE*, p. 582
- \_\_\_\_ [msmath2.net/extra\\_examples/leap21](http://msmath2.net/extra_examples/leap21)
- \_\_\_\_ Differentiated Instruction, *TWE*, p. 324
- \_\_\_\_ *Calculator and Spreadsheet Masters*, p. 40
- \_\_\_\_ *Parent and Student Study Guide*, Lesson 7-8
- \_\_\_\_ *Virtual Activities for Middle School Mathematics, Level 2*
- \_\_\_\_ *Answer Key Transparencies*, Lesson 7-8
- \_\_\_\_ *WebQuest, Projects, and Interdisciplinary Investigations*, pp. 49–54
- \_\_\_\_ *Math Skills Maintenance*, Skills 6, 23, 26
- \_\_\_\_ Family Letters & Activities, *CRM*, pp. ix–x

Assignment Guide, pp. 324–325, <i>SE</i>	
	Exercises
Basic	1–27 odd
Advanced	1–19 odd, 21–28
Alternate Assignment _____	

- \_\_\_\_ *Solutions Manual*
- \_\_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 7-8

### 4 Assess

- \_\_\_\_ Open-Ended Assessment, *TWE*, p. 325
- \_\_\_\_ Enrichment, *CRM*, p. 414
- \_\_\_\_ Countdown to LEAP 21, *TWE*, p. LA31
- \_\_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_\_ Assessment, Quiz, *CRM*, p. 430
- \_\_\_\_ [msmath2.net/self\\_check\\_quiz/leap21](http://msmath2.net/self_check_quiz/leap21)

\_\_\_\_ *Closing the Gap for Absent Students*, pp. 42–43

**KEY** *SE* = Student Edition      *TWE* = Teacher Wraparound Edition      *CRM* = Chapter Resource Masters

# Review and Testing (pp. 326–331)



7

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

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

Recommended Pacing	
Standard 45–50-minute periods	Days 14 & 15 of 15
Block 90-minute periods	Day 8 of 8

## Assess

- \_\_\_ Vocabulary and Concept Check, *SE*, p. 326
- \_\_\_ Portfolio Suggestion, *TWE*, p. 329
- \_\_\_ Vocabulary Test/Review, *CRM*, p. 428
- \_\_\_ Lesson-by-Lesson Review, *SE*, pp. 326–328
- \_\_\_ Practice Test, *SE*, p. 329
- \_\_\_ *Teaching Mathematics with Foldables™*, pp. 40–43
- \_\_\_ Chapter 7 Tests, *CRM*, pp. 415–426
- \_\_\_ Extended Response Assessment, *CRM*, p. 427
- \_\_\_ Standardized Test Practice, *SE*, pp. 330–331
- \_\_\_ Standardized Test Practice, *CRM*, pp. 433–434
- \_\_\_ Cumulative Review, *CRM*, p. 432
- \_\_\_ *Vocabulary PuzzleMaker CD-ROM*
- \_\_\_ [msmath2.net/vocabulary\\_review](http://msmath2.net/vocabulary_review)
- \_\_\_ [msmath2.net/chapter\\_test/leap21](http://msmath2.net/chapter_test/leap21)
- \_\_\_ [msmath2.net/standardized\\_test/leap21](http://msmath2.net/standardized_test/leap21)
- \_\_\_ *Real Life Video and MindJogger Videoquizzes DVD*
- \_\_\_  [LEAP 21 Intervention Transparencies, Grade 7](#)
- \_\_\_  [Mastering the LEAP 21: Diagnose, Prescribe, and Practice Workbook, Grade 7](#)

## Other Assessment Materials

- *ExamView Pro™ CD-ROM*
- [Mastering the LEAP 21 and GEE 21 CD-ROM](#)

**KEY** *SE* = Student Edition      *TWE* = Teacher Wraparound Edition      *CRM* = Chapter Resource Masters