

# Lesson Planning Guide (pp. 380–383)



10-1

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 6

NCTM Standards
1, 4, 6, 7, 8, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-5-M, N-8-M, M-1-M, P-3-M
Louisiana GLE
13, 20

## Objective

\_\_\_ Express ratios and rates in fraction form.

### 1 Focus

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

- \_\_\_ 5-Minute Check 10-1, *TWE*, p. 380
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 10-1
- \_\_\_ Bellringer, *TWE*, p. 380
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Section 6-4

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 381
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 43
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 10-1
- \_\_\_ Daily Intervention, *TWE*, pp. 381, 382
- \_\_\_ Study Guide and Intervention, *CRM*, p. 491
- \_\_\_ *Study Guide and Intervention Workbook*, p. 60
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 494
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 492–493
- \_\_\_ *Practice: Skills Workbook*, p. 60
- \_\_\_ *Practice: Word Problems Workbook*, p. 60
- \_\_\_ Extra Practice, *SE*, p. 613
- \_\_\_ [msmath1.net/extra\\_examples/leap21](http://msmath1.net/extra_examples/leap21)
- \_\_\_ Differentiated Instruction, *TWE*, p. 381
- \_\_\_ *Skills Intervention*, Skill 23
- \_\_\_ *Parent and Student Study Guide*, Lesson 10-1
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 1*
- \_\_\_ *Answer Key Transparencies*, Lesson 10-1
- \_\_\_ *MathPASS Tutorial CD-ROM*, Lesson 31
- \_\_\_ *WebQuest, Projects, and Interdisciplinary Investigations*, pp. 69–74
- \_\_\_ *Math Skills Maintenance*, Skills 24, 25

#### Assignment Guide, pp. 382–383, SE

Exercises	
Basic	1–39 odd
Advanced	1–21 odd, 23–39
Alternate Assignment _____	
_____	

- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x
- \_\_\_ *Solutions Manual*
- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 10-1

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 382
- \_\_\_ Enrichment, *CRM*, p. 495
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ [msmath1.net/self\\_check\\_quiz/leap21](http://msmath1.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 20–21

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

# Hands-On Lab (pp. 384–385)



10-1b

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 6

NCTM Standards
1, 4, 6, 7, 8, 9, 10
Louisiana GLE
13

## Objective

\_\_\_\_ Explore ratios and the relationship between ratio and area.

### Getting Started

Materials/Resources Needed patty paper, scissors

### Focus

### Teach

- \_\_\_\_ *Teaching Math with Manipulatives*, p. 90
- \_\_\_\_ *Overhead Manipulative Resources*
- \_\_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*
- \_\_\_\_ *Glencoe Mathematics Student Manipulative Kit*

Assignment Guide, p. 385, SE	
All	1–6
Alternate Assignment _____	

### Assess

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

# Lesson Planning Guide (pp. 386–389)



10-2

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 6

NCTM Standards
1, 5, 6, 7, 8, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-8-M, A-5-M, P-3-M
Louisiana GLE
13

## Objective

\_\_\_ Solve proportions by using cross products.

### 1 Focus

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

- \_\_\_ 5-Minute Check 10-2, *TWE*, p. 386
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 10-2
- \_\_\_ Bellringer, *TWE*, p. 386
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Sections 6-4, 9-4

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 387
- \_\_\_ *Teaching Math with Manipulatives*, pp. 91–92
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 43
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 10-2
- \_\_\_ [msmath1.net/careers](http://msmath1.net/careers)
- \_\_\_ Daily Intervention, *TWE*, p. 387
- \_\_\_ Study Guide and Intervention, *CRM*, p. 496
- \_\_\_ *Study Guide and Intervention Workbook*, p. 61
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 499
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Key Teaching Transparencies*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 497–498
- \_\_\_ *Practice: Skills Workbook*, p. 61
- \_\_\_ *Practice: Word Problems Workbook*, p. 61
- \_\_\_ Extra Practice, *SE*, p. 614
- \_\_\_ [msmath1.net/extra\\_examples/leap21](http://msmath1.net/extra_examples/leap21)
- \_\_\_ *Calculator and Spreadsheet Masters*, p. 43
- \_\_\_ *Parent and Student Study Guide*, Lesson 10-2
- \_\_\_ *Real-Life Career Masters*
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 1*
- \_\_\_ *Answer Key Transparencies*, Lesson 10-2
- \_\_\_ *MathPASS Tutorial CD-ROM*, Lesson 32
- \_\_\_ *Math Skills Maintenance*, Skills 9, 24, 25
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x

#### Assignment Guide, pp. 388–389, SE

Exercises	
Basic	1–39 odd
Advanced	1–19 odd, 21–39
Alternate Assignment _____	

- \_\_\_ *Solutions Manual*
- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 10-2

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 389
- \_\_\_ Enrichment, *CRM*, p. 500
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ Assessment, Quiz, *CRM*, p. 545
- \_\_\_ [msmath1.net/self\\_check\\_quiz/leap21](http://msmath1.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 20–21

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# Spreadsheet Investigation (p. 390)



10-2b

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 1 of 6

NCTM Standards
1, 5, 6, 7, 8, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-8-M, D-1-M

## Objective

\_\_\_ Use a spreadsheet to solve problems involving proportions.

### Getting Started

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

\_\_\_\_\_

\_\_\_\_\_

### Teach

Assignment Guide, p. 390, SE	
All	1–5
Alternate Assignment _____	

### Assess

# Lesson Planning Guide (pp. 391–393)



10-3

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 6

NCTM Standards
1, 4, 6, 7, 8, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-8-M, A-5-M, G-5-M
Louisiana GLE
13

## Objective

\_\_\_ Use scale drawings and models to find actual measurements.

### 1 Focus

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

- \_\_\_ 5-Minute Check 10-3, *TWE*, p. 391
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 10-3
- \_\_\_ Bellringer, *TWE*, p. 391
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Sections 6-4, 8-6, 10-3

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 392
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 43
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 10-3
- \_\_\_ Daily Intervention, *TWE*, pp. 391, 392
- \_\_\_ Study Guide and Intervention, *CRM*, p. 501
- \_\_\_ *Study Guide and Intervention Workbook*, p. 62
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 504
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 502–503
- \_\_\_ *Practice: Skills Workbook*, p. 62
- \_\_\_ *Practice: Word Problems Workbook*, p. 62
- \_\_\_ Extra Practice, *SE*, p. 614
- \_\_\_ [msmath1.net/extra\\_examples/leap21](http://msmath1.net/extra_examples/leap21)
- \_\_\_ Differentiated Instruction, *TWE*, p. 391
- \_\_\_ *Calculator and Spreadsheet Masters*, p. 44
- \_\_\_ *Parent and Student Study Guide*, Lesson 10-3
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 1*
- \_\_\_ *Answer Key Transparencies*, Lesson 10-3
- \_\_\_ *WebQuest, Projects, and Interdisciplinary Investigations*, pp. 69–74
- \_\_\_ *Math Skills Maintenance*, Skill 24
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x

#### Assignment Guide, pp. 392–393, SE

Exercises	
Basic	1–25 odd
Advanced	1–25
Alternate Assignment _____	
_____	

- \_\_\_ *Solutions Manual*
- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 10-3

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 393
- \_\_\_ Enrichment, *CRM*, p. 505
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ [msmath1.net/self\\_check\\_quiz/leap21](http://msmath1.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 20–21

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# Hands-On Lab (p. 394)



**10-3b**

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 2 of 6

NCTM Standards
1, 4, 6, 7, 8, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-8-M
Louisiana GLE
13

## Objective

\_\_\_ Construct scale drawings.

### Getting Started

Materials/Resources Needed grid paper

### Focus

### Teach

- \_\_\_ *Teaching Math with Manipulatives*, p. 93
- \_\_\_ *Overhead Manipulative Resources*
- \_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*
- \_\_\_ *Glencoe Mathematics Student Manipulative Kit*

#### Assignment Guide, p. 394, SE

All

1–3

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

### Assess

# Lesson Planning Guide (pp. 395–399)



10-4

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 2 of 6

NCTM Standards
1, 6, 7, 8, 9, 10
Louisiana GLE
13

## Objective

\_\_\_ Use models to illustrate the meaning of percent.

### 1 Focus

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

- \_\_\_ 5-Minute Check 10-4, *TWE*, p. 395
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 10-4
- \_\_\_ Bellringer, *TWE*, p. 395
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Sections 2-7, 6-4

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 396
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 42
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 10-4
- \_\_\_ Daily Intervention, *TWE*, p. 395
- \_\_\_ Study Guide and Intervention, *CRM*, p. 506
- \_\_\_ *Study Guide and Intervention Workbook*, p. 63
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 509
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 507–508
- \_\_\_ *Practice: Skills Workbook*, p. 63
- \_\_\_ *Practice: Word Problems Workbook*, p. 63
- \_\_\_ Extra Practice, *SE*, p. 614
- \_\_\_ [msmath1.net/extra\\_examples/leap21](http://msmath1.net/extra_examples/leap21)
- \_\_\_ Differentiated Instruction, *TWE*, p. 395
- \_\_\_ *Parent and Student Study Guide*, Lesson 10-4
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 1*
- \_\_\_ *Answer Key Transparencies*, Lesson 10-4
- \_\_\_ The Game Zone, *SE*, p. 399
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x
- \_\_\_ *Solutions Manual*

#### Assignment Guide, pp. 396–397, *SE*

Exercises	
Basic	1–35 odd
Advanced	1–21 odd, 23–35
Alternate Assignment _____	

- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 10-4

### 4 Assess

- \_\_\_ Higher-Level Thinking, *TWE*, p. 397
- \_\_\_ Enrichment, *CRM*, p. 510
- \_\_\_ Assessment, Mid-Chapter Test, *CRM*, p. 547
- \_\_\_ Mid-Chapter Practice Test, *SE*, p. 398
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ Assessment, Quiz, *CRM*, p. 545
- \_\_\_ [msmath1.net/self\\_check\\_quiz/leap21](http://msmath1.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 20–21

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# Lesson Planning Guide (pp. 400–403)



**10-5**

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 6

NCTM Standards
1, 6, 7, 8, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-1-M, A-5-M, P-3-M

## Objective

\_\_\_ Express percents as fractions and vice versa.

### 1 Focus

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

- \_\_\_ 5-Minute Check 10-5, *TWE*, p. 400
- \_\_\_ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 10-5
- \_\_\_ Bellringer, *TWE*, p. 400
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_ *Quick Review Math Handbook*, Section 2-9

### 2 Teach

- \_\_\_ In-Class Examples, *TWE*, p. 401
- \_\_\_ *Teaching Math with Manipulatives*, p. 94
- \_\_\_ *Teaching Mathematics with Foldables™*, p. 42
- \_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 10-5
- \_\_\_ Daily Intervention, *TWE*, p. 401
- \_\_\_ Study Guide and Intervention, *CRM*, p. 511
- \_\_\_ *Study Guide and Intervention Workbook*, p. 64
- \_\_\_ Reading to Learn Mathematics, *CRM*, p. 514
- \_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_ *Key Teaching Transparencies*

### 3 Practice/Apply

- \_\_\_ Practice: Skills, *CRM*, pp. 512–513
- \_\_\_ *Practice: Skills Workbook*, p. 64
- \_\_\_ *Practice: Word Problems Workbook*, p. 64
- \_\_\_ Extra Practice, *SE*, p. 615
- \_\_\_ [msmath1.net/extra\\_examples/leap21](http://msmath1.net/extra_examples/leap21)
- \_\_\_ Differentiated Instruction, *TWE*, p. 401
- \_\_\_ *Parent and Student Study Guide*, Lesson 10-5
- \_\_\_ *Virtual Activities for Middle School Mathematics, Level 1*
- \_\_\_ *Answer Key Transparencies*, Lesson 10-5
- \_\_\_ *MathPASS Tutorial CD-ROM*, Lesson 33
- \_\_\_ *WebQuest, Projects, and Interdisciplinary Investigations*, pp. 69–74
- \_\_\_ *Math Skills Maintenance*, Skills 20, 25
- \_\_\_ Family Letters & Activities, *CRM*, pp. ix–x

#### Assignment Guide, pp. 402–403, SE

Exercises	
Basic	1–43 odd
Advanced	1–27 odd, 29–44
Alternate Assignment _____	
_____	

- \_\_\_ *Solutions Manual*
- \_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 10-5

### 4 Assess

- \_\_\_ Open-Ended Assessment, *TWE*, p. 403
- \_\_\_ Enrichment, *CRM*, p. 515
- \_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_ [msmath1.net/self\\_check\\_quiz/leap21](http://msmath1.net/self_check_quiz/leap21)

\_\_\_ *Closing the Gap for Absent Students*, pp. 20–21

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# Lesson Planning Guide (pp. 404–406)



10-6

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 3 of 6

NCTM Standards
1, 6, 7, 8, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-1-M

## Objective

— Express percents as decimals and vice versa.

### 1 Focus

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

- 5-Minute Check 10-6, *TWE*, p. 404
- 5-Minute Check Transparencies with *Standardized Test Practice*, Lesson 10-6
- Bellringer, *TWE*, p. 404
- *TeacherWorks CD-ROM, Louisiana Edition*
- *StudentWorks CD-ROM, Louisiana Edition*
- *Interactive Student Edition CD-ROM*
- *Quick Review Math Handbook*, Section 2-9

### 2 Teach

- In-Class Examples, *TWE*, p. 405
- *Teaching Mathematics with Foldables™*, p. 42
- *Interactive Chalkboard CD-ROM*, Lesson 10-6
- Daily Intervention, *TWE*, p. 404
- Study Guide and Intervention, *CRM*, p. 516
- *Study Guide and Intervention Workbook*, p. 65
- Reading to Learn Mathematics, *CRM*, p. 519
- *TeacherWorks CD-ROM, Louisiana Edition*
- *Key Teaching Transparencies*

### 3 Practice/Apply

- Practice: Skills, *CRM*, pp. 517–518
- *Practice: Skills Workbook*, p. 65
- *Practice: Word Problems Workbook*, p. 65
- Extra Practice, *SE*, p. 615
- [msmath1.net/extra\\_examples/leap21](http://msmath1.net/extra_examples/leap21)
- *Parent and Student Study Guide*, Lesson 10-6
- *Virtual Activities for Middle School Mathematics, Level 1*
- *Answer Key Transparencies*, Lesson 10-6
- *MathPASS Tutorial CD-ROM*, Lesson 34
- Family Letters & Activities, *CRM*, pp. ix–x
- *Solutions Manual*
- *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 10-6

#### Assignment Guide, pp. 405–406, *SE*

Exercises	
Basic	1–47 odd
Advanced	1–27 odd, 29–48
Alternate Assignment _____	
_____	

### 4 Assess

- Open-Ended Assessment, *TWE*, p. 406
- Enrichment, *CRM*, p. 520
- *AnswerKey Maker CD-ROM*
- Assessment, Quiz, *CRM*, p. 546
- [msmath1.net/self\\_check\\_quiz/leap21](http://msmath1.net/self_check_quiz/leap21)

— *Closing the Gap for Absent Students*, pp. 20–21

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# Hands-On Lab (pp. 407–408)



10-7a

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 4 of 6

NCTM Standards
1, 6, 7, 8, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-6-M

## Objective

\_\_\_ Use a model to find the percent of a number.

### Getting Started

Materials/Resources Needed coordinate grid stamp, ink pad, grid paper

### Focus

### Teach

\_\_\_ *Teaching Math with Manipulatives*, p. 95

\_\_\_ *Overhead Manipulative Resources*

\_\_\_ *Glencoe Mathematics Classroom*

*Manipulative Kit*

\_\_\_ *Glencoe Mathematics Student*

*Manipulative Kit*

### Assignment Guide, p. 408, SE

All	1–4
Alternate Assignment _____	

### Assess

# Lesson Planning Guide (pp. 409–412)



10-7

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 4 of 6

NCTM Standards
1, 6, 7, 8, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-1-M, N-5-M, N-6-M

## Objective

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

### 1 Focus

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

- \_\_\_\_\_ 5-Minute Check 10-7, *TWE*, p. 409
- \_\_\_\_\_ 5-Minute Check Transparencies with *Standardized Test Practice*, Lesson 10-7
- \_\_\_\_\_ Bellringer, *TWE*, p. 409
- \_\_\_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_\_\_ *Quick Review Math Handbook*, Section 2-8

### 2 Teach

- \_\_\_\_\_ In-Class Examples, *TWE*, p. 410
- \_\_\_\_\_ *Teaching Mathematics with Foldables™*, p. 42
- \_\_\_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 10-7
- \_\_\_\_\_ Daily Intervention, *TWE*, pp. 410, 411
- \_\_\_\_\_ Study Guide and Intervention, *CRM*, p. 521
- \_\_\_\_\_ *Study Guide and Intervention Workbook*, p. 66
- \_\_\_\_\_ Reading to Learn Mathematics, *CRM*, p. 524
- \_\_\_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_\_\_ *Key Teaching Transparencies*

### 3 Practice/Apply

- \_\_\_\_\_ Practice: Skills, *CRM*, pp. 522–523
- \_\_\_\_\_ Practice: Skills Workbook, p. 66
- \_\_\_\_\_ Practice: Word Problems Workbook, p. 66
- \_\_\_\_\_ Extra Practice, *SE*, p. 615
- \_\_\_\_\_ [msmath1.net/extra\\_examples/leap21](http://msmath1.net/extra_examples/leap21)
- \_\_\_\_\_ *Calculator and Spreadsheet Masters*, p. 45
- \_\_\_\_\_ *Parent and Student Study Guide*, Lesson 10-7
- \_\_\_\_\_ *Virtual Activities for Middle School Mathematics, Level 1*
- \_\_\_\_\_ Answer Key Transparencies, Lesson 10-7
- \_\_\_\_\_ *Math Skills Maintenance*, Skill 26
- \_\_\_\_\_ Family Letters & Activities, *CRM*, pp. ix–x
- \_\_\_\_\_ *Solutions Manual*

#### Assignment Guide, pp. 411–412, SE

Exercises	
Basic	1–51 odd
Advanced	1–23 odd, 25–51
Alternate Assignment _____	

- \_\_\_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 10-7

### 4 Assess

- \_\_\_\_\_ Higher-Level Thinking, *TWE*, p. 412
- \_\_\_\_\_ Enrichment, *CRM*, p. 525
- \_\_\_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_\_\_ [msmath1.net/self\\_check\\_quiz/leap21](http://msmath1.net/self_check_quiz/leap21)

\_\_\_\_\_ *Closing the Gap for Absent Students*, pp. 20–21

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# Problem-Solving Strategy (pp. 413–414)



10-8a

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 5 of 6

NCTM Standards
1, 5, 6, 7, 8, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-4-M, N-5-M

## Objective

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

### Getting Started

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

### Focus

\_\_\_ Bellringer, *TWE*, p. 413

### Teach

- \_\_\_ *Glencoe Mathematics Classroom Manipulative Kit*
- \_\_\_ In-Class Examples, *TWE*, p. 413
- \_\_\_ Daily Intervention, *TWE*, p. 413

Assignment Guide, pp. 413–414, SE	
All	1–15
Alternate Assignment _____	

### Assess

\_\_\_ Higher-Level Thinking, *TWE*, p. 414

# Lesson Planning Guide (pp. 415–417)



10-8

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 5 of 6

NCTM Standards
1, 5, 6, 7, 8, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-1-M, N-2-M, N-5-M, N-6-M

## Objective

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

### 1 Focus

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

- \_\_\_\_\_ 5-Minute Check 10-8, *TWE*, p. 415
- \_\_\_\_\_ 5-Minute Check Transparencies with *Standardized Test Practice*, Lesson 10-8
- \_\_\_\_\_ Bellringer, *TWE*, p. 415
- \_\_\_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*
- \_\_\_\_\_ *StudentWorks CD-ROM, Louisiana Edition*
- \_\_\_\_\_ *Interactive Student Edition CD-ROM*
- \_\_\_\_\_ *Quick Review Math Handbook*, Section 2-8

### 2 Teach

- \_\_\_\_\_ In-Class Examples, *TWE*, p. 416
- \_\_\_\_\_ *Teaching Math with Manipulatives*, p. 96
- \_\_\_\_\_ *Teaching Mathematics with Foldables™*, p. 42
- \_\_\_\_\_ *Interactive Chalkboard CD-ROM*, Lesson 10-8
- \_\_\_\_\_ Daily Intervention, *TWE*, p. 415
- \_\_\_\_\_ Study Guide and Intervention, *CRM*, p. 526
- \_\_\_\_\_ *Study Guide and Intervention Workbook*, p. 67
- \_\_\_\_\_ Reading to Learn Mathematics, *CRM*, p. 529
- \_\_\_\_\_ *TeacherWorks CD-ROM, Louisiana Edition*

### 3 Practice/Apply

- \_\_\_\_\_ Practice: Skills, *CRM*, pp. 527–528
- \_\_\_\_\_ *Practice: Skills Workbook*, p. 67
- \_\_\_\_\_ *Practice: Word Problems Workbook*, p. 67
- \_\_\_\_\_ Extra Practice, *SE*, p. 616
- \_\_\_\_\_ [msmath1.net/extra\\_examples/leap21](http://msmath1.net/extra_examples/leap21)
- \_\_\_\_\_ Differentiated Instruction, *TWE*, p. 415
- \_\_\_\_\_ *Calculator and Spreadsheet Masters*, p. 46
- \_\_\_\_\_ *Parent and Student Study Guide*, Lesson 10-8
- \_\_\_\_\_ *Virtual Activities for Middle School Mathematics, Level 1*
- \_\_\_\_\_ *Answer Key Transparencies*, Lesson 10-8
- \_\_\_\_\_ *MathPASS Tutorial CD-ROM*, Lessons 35, 36
- \_\_\_\_\_ *WebQuest, Projects, and Interdisciplinary Investigations*, pp. 69–74
- \_\_\_\_\_ *Math Skills Maintenance*, Skill 3

#### Assignment Guide, pp. 416–417, SE

Exercises	
Basic	1–33 odd
Advanced	1–17 odd, 19–33
Alternate Assignment _____	
_____	

- \_\_\_\_\_ Family Letters & Activities, *CRM*, pp. ix–x
- \_\_\_\_\_ *Solutions Manual*
- \_\_\_\_\_ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 10-8

### 4 Assess

- \_\_\_\_\_ Open-Ended Assessment, *TWE*, p. 417
- \_\_\_\_\_ Enrichment, *CRM*, p. 530
- \_\_\_\_\_ *AnswerKey Maker CD-ROM*
- \_\_\_\_\_ Assessment, Quiz, *CRM*, p. 546
- \_\_\_\_\_ [msmath1.net/self\\_check\\_quiz/leap21](http://msmath1.net/self_check_quiz/leap21)

\_\_\_\_\_ *Closing the Gap for Absent Students*, pp. 20–21

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

# Review and Testing (pp. 418–423)



10

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 6 of 6

## Assess

- \_\_\_ Vocabulary and Concept Check, *SE*, p. 418
- \_\_\_ Portfolio Suggestion, *TWE*, p. 421
- \_\_\_ Vocabulary Test/Review, *CRM*, p. 544
- \_\_\_ Lesson-by-Lesson Review, *SE*, pp. 418–420
- \_\_\_ Practice Test, *SE*, p. 421
- \_\_\_ *Teaching Mathematics with Foldables™*, pp. 42, 43
- \_\_\_ Chapter 11 Tests, *CRM*, pp. 531–542
- \_\_\_ Extended Response Assessment, *CRM*, p. 543
- \_\_\_ Standardized Test Practice, *SE*, pp. 422–423
- \_\_\_ Standardized Test Practice, *CRM*, pp. 549–550
- \_\_\_ Cumulative Review, *CRM*, p. 548
- \_\_\_ *Vocabulary PuzzleMaker CD-ROM*
- \_\_\_ [msmath1.net/vocabulary\\_review](http://msmath1.net/vocabulary_review)
- \_\_\_ [msmath1.net/chapter\\_test/leap21](http://msmath1.net/chapter_test/leap21)
- \_\_\_ [msmath1.net/standardized\\_test/leap21](http://msmath1.net/standardized_test/leap21)
- \_\_\_ *Real Life Video and MindJogger Videoquizzes DVD*
- \_\_\_  [LEAP 21 Intervention Transparencies, Grade 6](#)
- \_\_\_  [Mastering the LEAP 21: Diagnose, Prescribe, and Practice Workbook, Grade 6](#)

## Other Assessment Materials

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

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