

Hands-On Lab (p. 412)



10-1a

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 1 of 18
Block 90-minute periods	Day 1 of 9

NCTM Standards
1, 2, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-5-M, G-7-M
Louisiana GLE
24

Objective

___ Measure angles.

Getting Started

Materials/Resources Needed ___ protractors

Focus

Teach

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

Assignment Guide, p. 412, SE	
All	1–4
Alternate Assignment _____	

Assess

Lesson Planning Guide (pp. 413–415)



10-1

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 2 of 18
Block 90-minute periods	Day 1 of 9

NCTM Standards
1, 2, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-5-M, G-7-M
Louisiana GLE
24

Objective

___ Classify and draw angles.

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check 10-1, *TWE*, p. 413
- ___ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 10-1
- ___ Bellringer, *TWE*, p. 413
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*
- ___ *Interactive Student Edition CD-ROM*
- ___ *Quick Review Math Handbook*, Sections 7-1, 9-3

2 Teach

- ___ In-Class Examples, *TWE*, p. 414
- ___ *Teaching Mathematics with Foldables™*, p. 58
- ___ *Interactive Chalkboard CD-ROM*, Lesson 10-1
- ___ Daily Intervention, *TWE*, p. 413
- ___ Study Guide and Intervention, *CRM*, p. 543
- ___ *Study Guide and Intervention Workbook*, p. 70
- ___ Reading to Learn Mathematics, *CRM*, p. 546
- ___ *TeacherWorks CD-ROM, Louisiana Edition*

3 Practice/Apply

- ___ Practice: Skills, *CRM*, pp. 544–545
- ___ *Practice: Skills Workbook*, p. 70
- ___ *Practice: Word Problems Workbook*, p. 70
- ___ Extra Practice, *SE*, p. 587
- ___ msmath2.net/extra_examples/leap21
- ___ Differentiated Instruction, *TWE*, p. 413
- ___ *Skills Intervention*, Skill 42
- ___ *Parent and Student Study Guide*, Lesson 10-1
- ___ *Virtual Activities for Middle School Mathematics, Level 2*
- ___ *Answer Key Transparencies*, Lesson 10-1
- ___ Family Letters & Activities, *CRM*, pp. ix–x
- ___ *Solutions Manual*

Assignment Guide, pp. 414–415, SE

Exercises	
Basic	1–33 odd
Advanced	1–19 odd, 21–33
Alternate Assignment _____	

- ___ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 10-1

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 415
- ___ Enrichment, *CRM*, p. 547
- ___ *AnswerKey Maker CD-ROM*
- ___ msmath2.net/self_check_quiz/leap21

___ *Closing the Gap for Absent Students*, pp. 48–49

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

Hands-On Lab (pp. 416–417)



10-1b

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 3 of 18
Block 90-minute periods	Day 1 of 9

NCTM Standards
1, 2, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-4-M, G-5-M, G-7-M
Louisiana GLE
24

Objective

___ Construct and bisect angles.

Getting Started

Materials/Resources Needed straightedge, compass

Focus

Teach

- ___ *Teaching Math with Manipulatives*, p. 91
- ___ *Overhead Manipulative Resources*
- ___ *Glencoe Mathematics Classroom Manipulative Kit*
- ___ *Glencoe Mathematics Student Manipulative Kit*

Assignment Guide, p. 417, SE	
All	1–4
Alternate Assignment _____	

Assess

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

Lesson Planning Guide (pp. 418–421)



10-2

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 4 of 18
Block 90-minute periods	Day 2 of 9

NCTM Standards
1, 2, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-7-M, D-2-M
Louisiana GLE
31

Objective

___ Construct and interpret circle graphs.

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check 10-2, *TWE*, p. 418
- ___ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 10-2
- ___ Bellringer, *TWE*, p. 418
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*
- ___ *Interactive Student Edition CD-ROM*
- ___ *Quick Review Math Handbook*, Section 7-8

2 Teach

- ___ In-Class Examples, *TWE*, pp. 419–420
- ___ *Teaching Math with Manipulatives*, p. 92
- ___ *Teaching Mathematics with Foldables™*, pp. 58, 88
- ___ *Interactive Chalkboard CD-ROM*, Lesson 10-2
- ___ Daily Intervention, *TWE*, p. 418
- ___ Study Guide and Intervention, *CRM*, p. 548
- ___ *Study Guide and Intervention Workbook*, p. 71
- ___ Reading to Learn Mathematics, *CRM*, p. 551
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *Key Teaching Transparencies*

3 Practice/Apply

- ___ Practice: Skills, *CRM*, pp. 549–550
- ___ *Practice: Skills Workbook*, p. 71
- ___ *Practice: Word Problems Workbook*, p. 71
- ___ Extra Practice, *SE*, p. 587
- ___ msmath2.net/extra_examples/leap21
- ___ Differentiated Instruction, *TWE*, p. 418
- ___ *Skills Intervention*, Skill 73
- ___ *Calculator and Spreadsheet Masters*, p. 47
- ___ *Parent and Student Study Guide*, Lesson 10-2
- ___ *Virtual Activities for Middle School Mathematics, Level 2*
- ___ *Answer Key Transparencies*, Lesson 10-2
- ___ *Math Skills Maintenance*, Skills 3, 20, 24
- ___ Family Letters & Activities, *CRM*, pp. ix–x

Assignment Guide, pp. 420–421, SE

Exercises	
Basic	1–25 odd
Advanced	1–9 odd, 11–26
Alternate Assignment _____	

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

4 Assess

- ___ Higher-Level Thinking, *TWE*, p. 421
- ___ Enrichment, *CRM*, p. 552
- ___ *AnswerKey Maker CD-ROM*
- ___ msmath2.net/self_check_quiz/leap21

___ *Closing the Gap for Absent Students*, pp. 48–49

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

Lesson Planning Guide (pp. 422–425)



10-3

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 5 of 18
Block 90-minute periods	Day 2 of 9

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

Objective

___ Identify and apply angle relationships.

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check 10-3, *TWE*, p. 422
- ___ 5-Minute Check Transparencies with *Standardized Test Practice*, Lesson 10-3
- ___ Bellringer, *TWE*, p. 422
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*
- ___ *Interactive Student Edition CD-ROM*
- ___ *Quick Review Math Handbook*, Sections 7-1, 9-3

2 Teach

- ___ In-Class Examples, *TWE*, p. 423
- ___ *Teaching Mathematics with Foldables™*, p. 58
- ___ *Interactive Chalkboard CD-ROM*, Lesson 10-3
- ___ Daily Intervention, *TWE*, p. 423
- ___ Study Guide and Intervention, *CRM*, p. 553
- ___ *Study Guide and Intervention Workbook*, p. 72
- ___ Reading to Learn Mathematics, *CRM*, p. 556
- ___ *TeacherWorks CD-ROM, Louisiana Edition*

3 Practice/Apply

- ___ Practice: Skills, *CRM*, pp. 554–555
- ___ *Practice: Skills Workbook*, p. 72
- ___ *Practice: Word Problems Workbook*, p. 72
- ___ Extra Practice, *SE*, p. 587
- ___ msmath2.net/extra_examples/leap21
- ___ Differentiated Instruction, *TWE*, p. 423
- ___ *Skills Intervention*, Skill 42
- ___ *Parent and Student Study Guide*, Lesson 10-3
- ___ *Virtual Activities for Middle School Mathematics, Level 2*
- ___ *Answer Key Transparencies*, Lesson 10-3
- ___ *MathPASS Tutorial CD-ROM*, Lesson 39
- ___ *Math Skills Maintenance*, Skill 9
- ___ Family Letters & Activities, *CRM*, pp. ix–x

Assignment Guide, pp. 424–425, SE

Exercises	
Basic	1–41 odd
Advanced	1–25 odd, 27–42
Alternate Assignment _____	

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

4 Assess

- ___ Higher-Level Thinking, *TWE*, p. 425
- ___ Enrichment, *CRM*, p. 557
- ___ *AnswerKey Maker CD-ROM*
- ___ Assessment, Quiz, *CRM*, p. 603
- ___ msmath2.net/self_check_quiz/leap21

___ *Closing the Gap for Absent Students*, pp. 48–49

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Hands-On Lab (pp. 426–427)



10-3b

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 6 of 18
Block 90-minute periods	Day 2 of 9

NCTM Standards
1, 2, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-4-M, G-5-M, G-7-M

Objective

___ Construct parallel lines, and discover angle relationships.

Getting Started

Materials/Resources Needed straightedge, compass, protractor, colored pencils, notebook 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. 427, SE	
All	1–5
Alternate Assignment _____	

Assess

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Lesson Planning Guide (pp. 428–431)



10-4

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 7 of 18
Block 90-minute periods	Day 3 of 9

NCTM Standards
1, 2, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-5-M, G-7-M
Louisiana GLE
24, 30

Objective

___ Identify and classify triangles.

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check 10-4, *TWE*, p. 428
- ___ 5-Minute Check Transparencies with Standardized Test Practice, Lesson 10-4
- ___ Bellringer, *TWE*, p. 428
- ___ TeacherWorks CD-ROM, Louisiana Edition
- ___ StudentWorks CD-ROM, Louisiana Edition
- ___ Interactive Student Edition CD-ROM
- ___ Quick Review Math Handbook, Sections 7-1, 9-3

2 Teach

- ___ In-Class Examples, *TWE*, p. 429
- ___ *Teaching Mathematics with Foldables™*, p. 61
- ___ Interactive Chalkboard CD-ROM, Lesson 10-4
- ___ Daily Intervention, *TWE*, p. 429
- ___ Study Guide and Intervention, *CRM*, p. 558
- ___ Study Guide and Intervention Workbook, p. 73
- ___ Reading to Learn Mathematics, *CRM*, p. 561
- ___ TeacherWorks CD-ROM, Louisiana Edition

3 Practice/Apply

- ___ Practice: Skills, *CRM*, pp. 559–560
- ___ Practice: Skills Workbook, p. 73
- ___ Practice: Word Problems Workbook, p. 73
- ___ Extra Practice, *SE*, p. 588
- ___ msmath2.net/extra_examples/leap21
- ___ Skills Intervention, Skill 44
- ___ Parent and Student Study Guide, Lesson 10-4
- ___ Virtual Activities for Middle School Mathematics, Level 2
- ___ Answer Key Transparencies, Lesson 10-4
- ___ Math Skills Maintenance, Skill 9
- ___ Family Letters & Activities, *CRM*, pp. ix–x
- ___ Solutions Manual

Assignment Guide, pp. 430–431, SE

Exercises	
Basic	1–33 odd
Advanced	1–21 odd, 23–34
Alternate Assignment _____	

- ___ Louisiana Noteables™: Interactive Study Notebook with Foldables™, Lesson 10-4

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 431
- ___ Enrichment, *CRM*, p. 562
- ___ AnswerKey Maker CD-ROM
- ___ msmath2.net/self_check_quiz/leap21

___ *Closing the Gap for Absent Students*, pp. 48–49

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Hands-On Lab (pp. 432–433)



10-4b

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 8 of 18
Block 90-minute periods	Day 3 of 9

NCTM Standards
1, 2, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-4-M, G-5-M, G-7-M
Louisiana GLE
24

Objective

___ Construct equilateral and isosceles triangles.

Getting Started

Materials/Resources Needed straightedge, compass, ruler, protractor

Focus

Teach

- ___ *Teaching Math with Manipulatives*, p. 94
- ___ *Overhead Manipulative Resources*
- ___ *Glencoe Mathematics Classroom Manipulative Kit*
- ___ *Glencoe Mathematics Student Manipulative Kit*

Assignment Guide, p. 433, SE

All	1–4
Alternate Assignment _____	

Assess

Lesson Planning Guide (pp. 434–439)



10-5

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 9 of 18
Block 90-minute periods	Day 4 of 9

NCTM Standards
1, 2, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-5-M, G-7-M
Louisiana GLE
24

Objective

___ Identify and classify quadrilaterals.

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check 10-5, *TWE*, p. 434
- ___ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 10-5
- ___ Bellringer, *TWE*, p. 434
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*
- ___ *Interactive Student Edition CD-ROM*
- ___ *Quick Review Math Handbook*, Section 7-2

2 Teach

- ___ In-Class Examples, *TWE*, p. 435
- ___ *Teaching Math with Manipulatives*, pp. 95–96
- ___ *Teaching Mathematics with Foldables™*, p. 64
- ___ *Interactive Chalkboard CD-ROM*, Lesson 10-5
- ___ Daily Intervention, *TWE*, pp. 434, 435
- ___ Study Guide and Intervention, *CRM*, p. 563
- ___ *Study Guide and Intervention Workbook*, p. 74
- ___ Reading to Learn Mathematics, *CRM*, p. 566
- ___ *TeacherWorks CD-ROM, Louisiana Edition*

3 Practice/Apply

- ___ Practice: Skills, *CRM*, pp. 564–565
- ___ *Practice: Skills Workbook*, p. 74
- ___ *Practice: Word Problems Workbook*, p. 74
- ___ Extra Practice, *SE*, p. 588
- ___ msmath2.net/extra_examples/leap21
- ___ Differentiated Instruction, *TWE*, p. 434
- ___ *Skills Intervention*, Skill 44
- ___ *Parent and Student Study Guide*, Lesson 10-5
- ___ *Virtual Activities for Middle School Mathematics, Level 2*
- ___ *Answer Key Transparencies*, Lesson 10-5
- ___ The Game Zone, *SE*, p. 439
- ___ *Math Skills Maintenance*, Skill 9
- ___ Family Letters & Activities, *CRM*, pp. ix–x

Assignment Guide, pp. 435–437, SE

Exercises	
Basic	1–49 odd
Advanced	1–43 odd, 45–50
Alternate Assignment _____	

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

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 437
- ___ Enrichment, *CRM*, p. 567
- ___ Assessment, Mid-Chapter Test, *CRM*, p. 605
- ___ Mid-Chapter Practice Test, *SE*, p. 438
- ___ *AnswerKey Maker CD-ROM*
- ___ Assessment, Quiz, *CRM*, p. 603
- ___ msmath2.net/self_check_quiz/leap21

___ *Closing the Gap for Absent Students*, pp. 48–49

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Lesson Planning Guide (pp. 440–443)



10-6

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 10 of 18
Block 90-minute periods	Day 4 of 9

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

Objective

_____ Determine whether figures are similar and find a missing length in a pair of similar figures.

1 Focus

Materials/Resources Needed _____

- _____ 5-Minute Check 10-6, *TWE*, p. 440
- _____ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 10-6
- _____ Bellringer, *TWE*, p. 440
- _____ *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. 441
- _____ *Interactive Chalkboard CD-ROM*, Lesson 10-6
- _____ Daily Intervention, *TWE*, p. 441
- _____ Study Guide and Intervention, *CRM*, p. 568
- _____ *Study Guide and Intervention Workbook*, p. 75
- _____ Reading to Learn Mathematics, *CRM*, p. 571
- _____ *TeacherWorks CD-ROM, Louisiana Edition*
- _____ *Key Teaching Transparencies*

3 Practice/Apply

- _____ Practice: Skills, *CRM*, pp. 569–570
- _____ *Practice: Skills Workbook*, p. 75
- _____ *Practice: Word Problems Workbook*, p. 75
- _____ Extra Practice, *SE*, p. 588
- _____ msmath2.net/extra_examples/leap21
- _____ Differentiated Instruction, *TWE*, p. 441
- _____ *Calculator and Spreadsheet Masters*, p. 48
- _____ *Parent and Student Study Guide*, Lesson 10-6
- _____ *Virtual Activities for Middle School Mathematics, Level 2*
- _____ *Answer Key Transparencies*, Lesson 10-6
- _____ *MathPASS Tutorial CD-ROM*, Lesson 40
- _____ *Math Skills Maintenance*, Skill 23
- _____ Family Letters & Activities, *CRM*, pp. ix–x

Assignment Guide, pp. 442–443, SE

Exercises	
Basic	1–27 odd
Advanced	1–11 odd, 13–27
Alternate Assignment _____	

- _____ *Solutions Manual*
- _____ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 10-6

4 Assess

- _____ Open-Ended Assessment, *TWE*, p. 443
- _____ Enrichment, *CRM*, p. 572
- _____ *AnswerKey Maker CD-ROM*
- _____ msmath2.net/self_check_quiz/leap21

_____ *Closing the Gap for Absent Students*, pp. 48–49

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Problem-Solving Strategy (pp. 444–445)



10-7a

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 11 of 18
Block 90-minute periods	Day 5 of 9

NCTM Standards
1, 2, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
N-2-M, N-4-M, M-2-M, G-7-M

Objective

____ Solve problems using logical reasoning.

Getting Started

Materials/Resources Needed _____

Focus

____ Bellringer, *TWE*, p. 444

Teach

____ *Glencoe Mathematics Classroom Manipulative Kit*

____ In-Class Examples, *TWE*, p. 444

____ Daily Intervention, *TWE*, p. 445

Assignment Guide, pp. 444–445, SE

All	1–14
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Alternate Assignment _____

Assess

____ Open-Ended Assessment, *TWE*, p. 445

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Lesson Planning Guide (pp. 446–450)



10-7

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 12 of 18
Block 90-minute periods	Day 5 of 9

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

Objective

___ Classify polygons and determine which polygons can form a tessellation.

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check 10-7, *TWE*, p. 446
- ___ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 10-7
- ___ Bellringer, *TWE*, p. 446
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*
- ___ *Interactive Student Edition CD-ROM*
- ___ *Quick Review Math Handbook*, Sections 6-7, 7-2

2 Teach

- ___ In-Class Examples, *TWE*, pp. 447–448
- ___ *Teaching Math with Manipulatives*, pp. 97, 98–99, 100–101
- ___ *Teaching Mathematics with Foldables™*, p. 60
- ___ *Interactive Chalkboard CD-ROM*, Lesson 10-7
- ___ msmath2.net/careers
- ___ Daily Intervention, *TWE*, p. 447
- ___ Study Guide and Intervention, *CRM*, p. 573
- ___ *Study Guide and Intervention Workbook*, p. 76
- ___ Reading to Learn Mathematics, *CRM*, p. 576
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *Key Teaching Transparencies*

3 Practice/Apply

- ___ Practice: Skills, *CRM*, pp. 574–575
- ___ *Practice: Skills Workbook*, p. 76
- ___ *Practice: Word Problems Workbook*, p. 76
- ___ Extra Practice, *SE*, p. 589
- ___ msmath2.net/extra_examples/leap21
- ___ Differentiated Instruction, *TWE*, p. 447
- ___ *Skills Intervention*, Skill 43
- ___ *Calculator and Spreadsheet Masters*, p. 49
- ___ *Parent and Student Study Guide*, Lesson 10-7
- ___ *Virtual Activities for Middle School Mathematics, Level 2*
- ___ *Answer Key Transparencies*, Lesson 10-7
- ___ *WebQuest, Projects, and Interdisciplinary Investigations*, pp. 67–72
- ___ *Math Skills Maintenance*, Skill 8

Assignment Guide, pp. 448–450, SE

Exercises	
Basic	1–45 odd
Advanced	1–25 odd, 27–45
Alternate Assignment _____	

- ___ Family Letters & Activities, *CRM*, pp. ix–x
- ___ *Solutions Manual*
- ___ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 10-7

4 Assess

- ___ Higher-Level Thinking, *TWE*, p. 450
- ___ Enrichment, *CRM*, p. 577
- ___ *AnswerKey Maker CD-ROM*
- ___ Assessment, Quiz, *CRM*, p. 604
- ___ msmath2.net/self_check_quiz/leap21

___ *Closing the Gap for Absent Students*, pp. 48–49

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Lesson Planning Guide (pp. 451–454)



10-8

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 13 of 18
Block 90-minute periods	Day 6 of 9

NCTM Standards
1, 2, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-3-M, G-7-M
Louisiana GLE
25

Objective

___ Graph translations of polygons on a coordinate plane.

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check 10-8, *TWE*, p. 451
- ___ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 10-8
- ___ Bellringer, *TWE*, p. 451
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*
- ___ *Interactive Student Edition CD-ROM*
- ___ *Quick Review Math Handbook*, Sections 6-7, 7-3, 9-4

2 Teach

- ___ In-Class Examples, *TWE*, p. 452
- ___ *Teaching Mathematics with Foldables™*, p. 60
- ___ *Interactive Chalkboard CD-ROM*, Lesson 10-8
- ___ Daily Intervention, *TWE*, p. 451
- ___ Study Guide and Intervention, *CRM*, p. 578
- ___ *Study Guide and Intervention Workbook*, p. 77
- ___ Reading to Learn Mathematics, *CRM*, p. 581
- ___ *TeacherWorks CD-ROM, Louisiana Edition*

3 Practice/Apply

- ___ Practice: Skills, *CRM*, pp. 579–580
- ___ *Practice: Skills Workbook*, p. 77
- ___ *Practice: Word Problems Workbook*, p. 77
- ___ Extra Practice, *SE*, p. 589
- ___ msmath2.net/extra_examples/leap21
- ___ *Calculator and Spreadsheet Masters*, p. 50
- ___ *Parent and Student Study Guide*, Lesson 10-8
- ___ *Virtual Activities for Middle School Mathematics, Level 2*
- ___ *Answer Key Transparencies*, Lesson 10-8
- ___ *WebQuest, Projects, and Interdisciplinary Investigations*, pp. 67–72
- ___ Family Letters & Activities, *CRM*, pp. ix–x
- ___ *Solutions Manual*

Assignment Guide, pp. 453–454, SE

Exercises	
Basic	1–25 odd
Advanced	1–9 odd, 11–26
Alternate Assignment _____	

- ___ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 10-8

4 Assess

- ___ Higher-Level Thinking, *TWE*, p. 454
- ___ Enrichment, *CRM*, p. 582
- ___ *AnswerKey Maker CD-ROM*
- ___ msmath2.net/self_check_quiz/leap21

___ *Closing the Gap for Absent Students*, pp. 48–49

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Spreadsheet Investigation (p. 455)



10-8b

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 14 of 18
Block 90-minute periods	Day 6 of 9

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

Objective

___ Use a spreadsheet to enlarge and reduce polygons.

Getting Started

Materials/Resources Needed _____

Teach

___ *Teaching Math with Manipulatives*, pp. 102–103

Assignment Guide, p. 455, SE

All	1–7
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Alternate Assignment _____

Assess

Lesson Planning Guide (pp. 456–459)



10-9

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 15 of 18
Block 90-minute periods	Day 7 of 9

NCTM Standards
1, 2, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-3-M, G-7-M
Louisiana GLE
25

Objective

___ Identify figures with line symmetry and graph reflections on a coordinate plane.

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check 10-9, *TWE*, p. 456
- ___ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 10-9
- ___ Bellringer, *TWE*, p. 456
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*
- ___ *Interactive Student Edition CD-ROM*
- ___ *Quick Review Math Handbook*, Section 6-7, 7-3

2 Teach

- ___ In-Class Examples, *TWE*, p. 457
- ___ *Teaching Mathematics with Foldables™*, p. 60
- ___ *Interactive Chalkboard CD-ROM*, Lesson 10-9
- ___ msmath2.net/data_update
- ___ Daily Intervention, *TWE*, p. 456
- ___ Study Guide and Intervention, *CRM*, p. 583
- ___ *Study Guide and Intervention Workbook*, p. 78
- ___ Reading to Learn Mathematics, *CRM*, p. 586
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *Key Teaching Transparencies*

3 Practice/Apply

- ___ Practice: Skills, *CRM*, pp. 584–585
- ___ *Practice: Skills Workbook*, p. 78
- ___ *Practice: Word Problems Workbook*, p. 78
- ___ Extra Practice, *SE*, p. 589
- ___ msmath2.net/extra_examples/leap21
- ___ *Parent and Student Study Guide*, Lesson 10-9
- ___ *Real-Life Career Masters*
- ___ *Virtual Activities for Middle School Mathematics, Level 2*
- ___ *Answer Key Transparencies*, Lesson 10-9
- ___ *WebQuest, Projects, and Interdisciplinary Investigations*, pp. 67–72
- ___ Family Letters & Activities, *CRM*, pp. ix–x
- ___ *Solutions Manual*

Assignment Guide, pp. 458–459, SE

Exercises	
Basic	1–27 odd
Advanced	1–13 odd, 15–27
Alternate Assignment _____	

- ___ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 10-9

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 459
- ___ Enrichment, *CRM*, p. 587
- ___ Assessment, Quiz, *CRM*, p. 604
- ___ *AnswerKey Maker CD-ROM*
- ___ msmath2.net/self_check_quiz/leap21

___ *Closing the Gap for Absent Students*, pp. 48–49

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

Hands-On Lab (pp. 460–461)



10-9b

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Day 16 of 18
Block 90-minute periods	Day 7 of 9

NCTM Standards
1, 2, 6, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-3-M, G-7-M

Objective

___ Graph rotations on a coordinate plane.

Getting Started

Materials/Resources Needed graph paper, protractor, ruler, coordinate grid stamp, stamp pad

Focus

Teach

- ___ *Teaching Math with Manipulatives*, p. 104
- ___ *Overhead Manipulative Resources*
- ___ *Glencoe Mathematics Classroom Manipulative Kit*
- ___ *Glencoe Mathematics Student Manipulative Kit*

Assignment Guide, p. 461, SE	
All	1–5
Alternate Assignment _____	

Assess

Review and Testing (pp. 462–467)



10

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Standard 45–50-minute periods	Days 17 & 18 of 18
Block 90-minute periods	Days 8 & 9 of 9

Assess

- ___ Vocabulary and Concept Check, *SE*, p. 462
- ___ Portfolio Suggestion, *TWE*, p. 465
- ___ Vocabulary Test/Review, *CRM*, p. 602
- ___ Lesson-by-Lesson Review, *SE*, pp. 462–464
- ___ Practice Test, *SE*, p. 465
- ___ *Teaching Mathematics with Foldables™*, pp. 58, 60, 61, 64, 88
- ___ Chapter 10 Tests, *CRM*, pp. 589–600
- ___ Extended Response Assessment, *CRM*, p. 601
- ___ Standardized Test Practice, *SE*, pp. 466–467
- ___ Standardized Test Practice, *CRM*, pp. 607–608
- ___ Cumulative Review, *CRM*, p. 606
- ___ *Vocabulary PuzzleMaker CD-ROM*
- ___ msmath2.net/vocabulary_review
- ___ msmath2.net/chapter_test/leap21
- ___ 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