

Lesson Planning Guide (pp. 256–260)



6-1

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, 3, 4, 6, 7, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-4-M, G-5-M, G-7-M
Louisiana GLE
28

Objective

Identify special pairs of angles and relationships of angles formed by two parallel lines cut by a transversal.

1 Focus

Materials/Resources Needed _____

- _____ 5-Minute Check 6-1, *TWE*, p. 256
- _____ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 6-1
- _____ Bellringer, *TWE*, p. 256
- _____ *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*, pp. 257–258
- _____ *Teaching Mathematics with Foldables™*, pp. 57, 58
- _____ *Interactive Chalkboard CD-ROM*, Lesson 6-1
- _____ msmath3.net/careers
- _____ Daily Intervention, *TWE*, p. 257
- _____ Study Guide and Intervention, *CRM*, p. 307
- _____ *Study Guide and Intervention Workbook*, p. 41
- _____ Reading to Learn Mathematics, *CRM*, p. 310
- _____ *TeacherWorks CD-ROM, Louisiana Edition*

3 Practice/Apply

- _____ Practice: Skills, *CRM*, pp. 308–309
- _____ *Practice: Skills Workbook*, p. 41
- _____ *Practice: Word Problems Workbook*, p. 41
- _____ Extra Practice, *SE*, p. 629
- _____ msmath3.net/extra_examples/leap21
- _____ Differentiated Instruction, *TWE*, p. 257
- _____ *Skills Intervention*, Skill 42
- _____ *Parent and Student Study Guide*, Lesson 6-1
- _____ *Virtual Activities for Middle School Mathematics, Level 3*
- _____ *Answer Key Transparencies*, Lesson 6-1
- _____ *MathPASS Tutorial CD-ROM*, Lesson 30
- _____ Family Letters & Activities, *CRM*, pp. ix–x
- _____ *Solutions Manual*

Assignment Guide, pp. 259–260, SE

Exercises	
Basic	1–49 odd
Advanced	1–35 odd, 37–49
Alternate Assignment _____	

- _____ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 6-1

4 Assess

- _____ Higher-Level Thinking, *TWE*, p. 259
- _____ Enrichment, *CRM*, p. 311
- _____ Countdown to LEAP 21, *TWE*, p. LA26
- _____ *AnswerKey Maker CD-ROM*
- _____ msmath3.net/self_check_quiz/leap21

_____ *Closing the Gap for Absent Students*, pp. 64–65

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

Hands-On Lab (p. 261)



6-1b

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, 3, 4, 6, 7, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-4-M, G-5-M

Objective

_____ Construct a line parallel to a given line.

Getting Started

Materials/Resources Needed _____ compass, straightedge, paper

Focus

Teach

- _____ *Teaching Math with Manipulatives*, p. 64
- _____ *Overhead Manipulative Resources*
- _____ *Glencoe Mathematics Classroom Manipulative Kit*
- _____ *Glencoe Mathematics Student Manipulative Kit*

Assignment Guide, p. 261, SE	
All	1–2
Alternate Assignment _____	

Assess

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

Lesson Planning Guide (pp. 262–265)



6-2

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 2 of 9

NCTM Standards
1, 2, 3, 4, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-4-M, G-5-M, G-7-M

Objective

— Find missing angles in triangles and classify triangles by their angles and sides.

1 Focus

Materials/Resources Needed _____

- 5-Minute Check 6-2, *TWE*, p. 262
- 5-Minute Check Transparencies with *Standardized Test Practice*, Lesson 6-2
- Bellringer, *TWE*, p. 262
- *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. 263
- *Teaching Mathematics with Foldables™*, p. 61
- *Interactive Chalkboard CD-ROM*, Lesson 6-2
- Daily Intervention, *TWE*, p. 263
- Study Guide and Intervention, *CRM*, p. 312
- *Study Guide and Intervention Workbook*, p. 42
- Reading to Learn Mathematics, *CRM*, p. 315
- *TeacherWorks CD-ROM, Louisiana Edition*

3 Practice/Apply

- Practice: Skills, *CRM*, pp. 313–314
- *Practice: Skills Workbook*, p. 42
- *Practice: Word Problems Workbook*, p. 42
- Extra Practice, *SE*, p. 629
- msmath3.net/extra_examples/leap21
- *Skills Intervention*, Skill 44
- *Parent and Student Study Guide*, Lesson 6-2
- *Virtual Activities for Middle School Mathematics, Level 3*
- *Answer Key Transparencies*, Lesson 6-2
- Family Letters & Activities, *CRM*, pp. ix–x
- *Solutions Manual*
- *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 6-2

Assignment Guide, pp. 264–265, SE

Exercises	
Basic	1–43 odd
Advanced	1–21 odd, 23–44
Alternate Assignment _____	

4 Assess

- Open-Ended Assessment, *TWE*, p. 265
- Enrichment, *CRM*, p. 316
- Countdown to LEAP 21, *TWE*, p. LA26
- *AnswerKey Maker CD-ROM*
- msmath3.net/self_check_quiz/leap21

— *Closing the Gap for Absent Students*, pp. 64–65

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

Hands-On Lab (p. 266)



6-2b

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, 3, 4, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-5-M
Louisiana GLE
23

Objective

___ Bisect an angle.

Getting Started

Materials/Resources Needed compass, straightedge, paper

Focus

Teach

- ___ *Teaching Math with Manipulatives*, p. 65
- ___ *Overhead Manipulative Resources*
- ___ *Glencoe Mathematics Classroom Manipulative Kit*
- ___ *Glencoe Mathematics Student Manipulative Kit*

Assignment Guide, p. 266, SE	
All	1–3
Alternate Assignment _____	

Assess

Lesson Planning Guide (pp. 267–270)



6-3

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 3 of 9

NCTM Standards
1, 2, 3, 4, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-4-M, G-5-M, G-7-M
Louisiana GLE
31

Objective

Find missing measures in 30° - 60° right triangles and 45° - 45° right triangles.

1 Focus

Materials/Resources Needed _____

- _____ 5-Minute Check 6-3, *TWE*, p. 267
- _____ 5-Minute Check Transparencies with Standardized Test Practice, Lesson 6-3
- _____ Bellringer, *TWE*, p. 267
- _____ 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. 268
- _____ Teaching Math with Manipulatives, p. 66
- _____ Teaching Mathematics with Foldables™, p. 64
- _____ Interactive Chalkboard CD-ROM, Lesson 6-3
- _____ Daily Intervention, *TWE*, p. 268
- _____ Study Guide and Intervention, *CRM*, p. 317
- _____ Study Guide and Intervention Workbook, p. 43
- _____ Reading to Learn Mathematics, *CRM*, p. 320
- _____ TeacherWorks CD-ROM, Louisiana Edition
- _____ Key Teaching Transparencies

3 Practice/Apply

- _____ Practice: Skills, *CRM*, pp. 318–319
- _____ Practice: Skills Workbook, p. 43
- _____ Practice: Word Problems Workbook, p. 43
- _____ Extra Practice, *SE*, p. 630
- _____ msmath3.net/extra_examples/leap21
- _____ Differentiated Instruction, *TWE*, p. 268
- _____ Skills Intervention, Skill 44
- _____ Parent and Student Study Guide, Lesson 6-3
- _____ Virtual Activities for Middle School Mathematics, Level 3
- _____ Answer Key Transparencies, Lesson 6-3
- _____ Math Skills Maintenance, Skill 1
- _____ Family Letters & Activities, *CRM*, pp. ix–x
- _____ Solutions Manual

Assignment Guide, pp. 269–270, SE

Exercises	
Basic	1–33 odd
Advanced	1–13 odd, 15–33
Alternate Assignment _____	

- _____ Louisiana Noteables™: Interactive Study Notebook with Foldables™, Lesson 6-3

4 Assess

- _____ Open-Ended Assessment, *TWE*, p. 269
- _____ Enrichment, *CRM*, p. 321
- _____ Countdown to LEAP 21, *TWE*, p. LA26
- _____ AnswerKey Maker CD-ROM
- _____ Assessment, Quiz, *CRM*, p. 367
- _____ msmath3.net/self_check_quiz/leap21

_____ Closing the Gap for Absent Students, pp. 64–65

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

Hands-On Lab (p. 271)



6-3b

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 3 of 9

NCTM Standards
1, 2, 3, 4, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-4-M, G-5-M
Louisiana GLE
23

Objective

___ Construct a perpendicular bisector of a segment.

Getting Started

Materials/Resources Needed compass, straightedge, protractor, paper

Focus

Teach

- ___ *Teaching Math with Manipulatives*, p. 67
- ___ *Overhead Manipulative Resources*
- ___ *Glencoe Mathematics Classroom Manipulative Kit*
- ___ *Glencoe Mathematics Student Manipulative Kit*

Assignment Guide, p. 271, SE

All	1–3
Alternate Assignment _____	

Assess

Lesson Planning Guide (pp. 272–275)



6-4

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 4 of 9

NCTM Standards
1, 2, 3, 4, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-4-M, G-5-M, G-7-M

Objective

___ Find missing angle measures in quadrilaterals and classify quadrilaterals.

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check 6-4, *TWE*, p. 272
- ___ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 6-4
- ___ Bellringer, *TWE*, p. 272
- ___ *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. 273
- ___ *Teaching Math with Manipulatives*, pp. 68, 69–70
- ___ *Interactive Chalkboard CD-ROM*, Lesson 6-4
- ___ Daily Intervention, *TWE*, p. 273
- ___ Study Guide and Intervention, *CRM*, p. 322
- ___ *Study Guide and Intervention Workbook*, p. 44
- ___ Reading to Learn Mathematics, *CRM*, p. 325
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *Key Teaching Transparencies*

3 Practice/Apply

- ___ Practice: Skills, *CRM*, pp. 323–324
- ___ *Practice: Skills Workbook*, p. 44
- ___ *Practice: Word Problems Workbook*, p. 44
- ___ Extra Practice, *SE*, p. 630
- ___ msmath3.net/extra_examples/leap21
- ___ *Skills Intervention*, Skill 44
- ___ *Calculator and Spreadsheet Masters*, p. 29
- ___ *Parent and Student Study Guide*, Lesson 6-4
- ___ *Virtual Activities for Middle School Mathematics, Level 3*
- ___ *Answer Key Transparencies*, Lesson 6-4
- ___ Family Letters & Activities, *CRM*, pp. ix–x
- ___ *Solutions Manual*

Assignment Guide, pp. 274–275, SE

Exercises	
Basic	1–43 odd
Advanced	1–21 odd, 23–44
Alternate Assignment _____	

- ___ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 6-4

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 275
- ___ Enrichment, *CRM*, p. 326
- ___ Countdown to LEAP 21, *TWE*, p. LA27
- ___ *AnswerKey Maker CD-ROM*
- ___ msmath3.net/self_check_quiz/leap21

___ *Closing the Gap for Absent Students*, pp. 64–65

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

Problem-Solving Strategy (pp. 276–277)



6-4b

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 4 of 9

NCTM Standards
1, 2, 3, 4, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-4-M, G-5-M, D-2-M

Objective

____ Solve problems using the logical reasoning strategy.

Getting Started

Materials/Resources Needed _____

Focus

____ Bellringer, *TWE*, p. 276

Teach

- ____ *Glencoe Mathematics Classroom Manipulative Kit*
- ____ In-Class Examples, *TWE*, p. 276
- ____ Daily Intervention, *TWE*, p. 276

Assignment Guide, pp. 276–277, SE	
All	1–11
Alternate Assignment _____	

Assess

____ Higher-Level Thinking, *TWE*, p. 277

Hands-On Lab (p. 278)



6-5a

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 5 of 9

NCTM Standards
1, 2, 3, 4, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-5-M

Objective

___ Find the sum of the angle measures of polygons.

Getting Started

Materials/Resources Needed paper, straightedge

Focus

Teach

___ *Teaching Math with Manipulatives*, p. 71

___ *Overhead Manipulative Resources*

___ *Glencoe Mathematics Classroom*

Manipulative Kit

___ *Glencoe Mathematics Student*

Manipulative Kit

Assignment Guide, p. 278, SE

All | 1–4

Alternate Assignment _____

Assess

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

Lesson Planning Guide (pp. 279–281)



6-5

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 5 of 9

NCTM Standards
1, 2, 3, 4, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-7-M, D-3-M
Louisiana GLE
24

Objective

___ Identify congruent polygons.

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check 6-5, *TWE*, p. 279
- ___ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 6-5
- ___ Bellringer, *TWE*, p. 279
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*
- ___ *Interactive Student Edition CD-ROM*
- ___ *Quick Review Math Handbook*, Sections 7-2, 9-3

2 Teach

- ___ In-Class Examples, *TWE*, p. 280
- ___ *Teaching Mathematics with Foldables™*, p. 60
- ___ *Interactive Chalkboard CD-ROM*, Lesson 6-5
- ___ Daily Intervention, *TWE*, pp. 280, 281
- ___ Study Guide and Intervention, *CRM*, p. 327
- ___ *Study Guide and Intervention Workbook*, p. 45
- ___ Reading to Learn Mathematics, *CRM*, p. 330
- ___ *TeacherWorks CD-ROM, Louisiana Edition*

3 Practice/Apply

- ___ Practice: Skills, *CRM*, pp. 328–329
- ___ *Practice: Skills Workbook*, p. 45
- ___ *Practice: Word Problems Workbook*, p. 45
- ___ Extra Practice, *SE*, p. 630
- ___ msmath3.net/extra_examples/leap21
- ___ Differentiated Instruction, *TWE*, p. 280
- ___ *Skills Intervention*, Skill 43
- ___ *Parent and Student Study Guide*, Lesson 6-5
- ___ *Virtual Activities for Middle School Mathematics, Level 3*
- ___ *Answer Key Transparencies*, Lesson 6-5
- ___ *MathPASS Tutorial CD-ROM*, Lesson 31
- ___ Family Letters & Activities, *CRM*, pp. ix–x
- ___ *Solutions Manual*

Assignment Guide, pp. 281–282, SE

Exercises	
Basic	1–31 odd
Advanced	1–11 odd, 13–32
Alternate Assignment _____	

- ___ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 6-5

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 282
- ___ Enrichment, *CRM*, p. 331
- ___ Assessment, Mid-Chapter Test, *CRM*, p. 369
- ___ Countdown to LEAP 21, *TWE*, p. LA27
- ___ *AnswerKey Maker CD-ROM*
- ___ Assessment, Quiz, *CRM*, p. 367
- ___ msmath3.net/self_check_quiz/leap21

___ *Closing the Gap for Absent Students*, pp. 64–65

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Hands-On Lab (pp. 283–285)



6-5b

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, 3, 4, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-4-M
Louisiana GLE
24

Objective

___ Construct congruent triangles.

Getting Started

Materials/Resources Needed compass, straightedge, protractor, paper

Focus

Teach

- ___ *Teaching Math with Manipulatives*, p. 72
- ___ *Overhead Manipulative Resources*
- ___ *Glencoe Mathematics Classroom Manipulative Kit*
- ___ *Glencoe Mathematics Student Manipulative Kit*
- ___ *The Game Zone, SE*, p. 285

Assignment Guide, p. 283, SE	
All	1–2
Alternate Assignment _____	

Assess

- ___ Mid-Chapter Practice Test, *SE*, p. 284

Lesson Planning Guide (pp. 286–289)



6-6

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 6 of 9

NCTM Standards
1, 2, 3, 4, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-7-M, D-3-M
Louisiana GLE
24

Objective

___ Identify line symmetry and rotational symmetry.

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check 6-6, *TWE*, p. 286
- ___ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 6-6
- ___ Bellringer, *TWE*, p. 286
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*
- ___ *Interactive Student Edition CD-ROM*
- ___ *Quick Review Math Handbook*, Section 7-3

2 Teach

- ___ In-Class Examples, *TWE*, p. 287
- ___ *Interactive Chalkboard CD-ROM*, Lesson 6-6
- ___ Daily Intervention, *TWE*, p. 287
- ___ Study Guide and Intervention, *CRM*, p. 332
- ___ *Study Guide and Intervention Workbook*, p. 46
- ___ Reading to Learn Mathematics, *CRM*, p. 335
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *Key Teaching Transparencies*

3 Practice/Apply

- ___ Practice: Skills, *CRM*, pp. 333–334
- ___ *Practice: Skills Workbook*, p. 46
- ___ *Practice: Word Problems Workbook*, p. 46
- ___ Extra Practice, *SE*, p. 631
- ___ msmath3.net/extra_examples/leap21
- ___ Differentiated Instruction, *TWE*, p. 287
- ___ *Skills Intervention*, Skill 45
- ___ *Parent and Student Study Guide*, Lesson 6-6
- ___ *Virtual Activities for Middle School Mathematics, Level 3*
- ___ *Answer Key Transparencies*, Lesson 6-6
- ___ *WebQuest, Projects, and Interdisciplinary Investigations*, pp. 43–48
- ___ Family Letters & Activities, *CRM*, pp. ix–x

Assignment Guide, pp. 288–289, SE

Exercises	
Basic	1–29 odd
Advanced	1–13 odd, 15–30
Alternate Assignment _____	

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

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 289
- ___ Enrichment, *CRM*, p. 336
- ___ Countdown to LEAP 21, *TWE*, p. LA28
- ___ *AnswerKey Maker CD-ROM*
- ___ msmath3.net/self_check_quiz/leap21

___ *Closing the Gap for Absent Students*, pp. 64–65

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

Lesson Planning Guide (pp. 290–295)



6-7

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, 3, 4, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-3-M, G-4-M, G-7-M
Louisiana GLE
25

Objective

___ Graph reflections on a coordinate plane.

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check 6-7, *TWE*, p. 290
- ___ 5-Minute Check Transparencies with Standardized Test Practice, Lesson 6-7
- ___ Bellringer, *TWE*, p. 290
- ___ TeacherWorks CD-ROM, Louisiana Edition
- ___ StudentWorks CD-ROM, Louisiana Edition
- ___ Interactive Student Edition CD-ROM
- ___ Quick Review Math Handbook, Section 7-3

2 Teach

- ___ In-Class Examples, *TWE*, pp. 291–292
- ___ *Teaching Math with Manipulatives*, pp. 73–74, 75
- ___ Interactive Chalkboard CD-ROM, Lesson 6-7
- ___ Daily Intervention, *TWE*, p. 291
- ___ Study Guide and Intervention, *CRM*, p. 337
- ___ Study Guide and Intervention Workbook, p. 47
- ___ Reading to Learn Mathematics, *CRM*, p. 340
- ___ TeacherWorks CD-ROM, Louisiana Edition

3 Practice/Apply

- ___ Practice: Skills, *CRM*, pp. 338–339
- ___ Practice: Skills Workbook, p. 47
- ___ Practice: Word Problems Workbook, p. 47
- ___ Extra Practice, *SE*, p. 631
- ___ msmath3.net/extra_examples/leap21
- ___ Calculator and Spreadsheet Masters, p. 30
- ___ Parent and Student Study Guide, Lesson 6-7
- ___ Virtual Activities for Middle School Mathematics, Level 3
- ___ Answer Key Transparencies, Lesson 6-7
- ___ Math Skills Maintenance, Skill 34
- ___ Family Letters & Activities, *CRM*, pp. ix–x
- ___ Solutions Manual

Assignment Guide, pp. 292–294, SE

Exercises	
Basic	1–41 odd
Advanced	1–23 odd, 25–41
Alternate Assignment _____	

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

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 294
- ___ Enrichment, *CRM*, p. 341
- ___ Countdown to LEAP 21, *TWE*, p. LA28
- ___ AnswerKey Maker CD-ROM
- ___ Assessment, Quiz, *CRM*, p. 368
- ___ msmath3.net/self_check_quiz/leap21

___ Closing the Gap for Absent Students, pp. 64–65

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

Lesson Planning Guide (pp. 296–299)



6-8

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 7 of 9

NCTM Standards
1, 2, 3, 4, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-3-M, G-7-M
Louisiana GLE
25

Objective

___ Graph translations on a coordinate plane.

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check 6-8, *TWE*, p. 296
- ___ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 6-8
- ___ Bellringer, *TWE*, p. 296
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*
- ___ *Interactive Student Edition CD-ROM*
- ___ *Quick Review Math Handbook*, Section 7-3

2 Teach

- ___ In-Class Examples, *TWE*, p. 297
- ___ *Interactive Chalkboard CD-ROM*, Lesson 6-8
- ___ Daily Intervention, *TWE*, p. 296
- ___ Study Guide and Intervention, *CRM*, p. 342
- ___ *Study Guide and Intervention Workbook*, p. 48
- ___ Reading to Learn Mathematics, *CRM*, p. 345
- ___ *TeacherWorks CD-ROM, Louisiana Edition*

3 Practice/Apply

- ___ Practice: Skills, *CRM*, pp. 343–344
- ___ *Practice: Skills Workbook*, p. 48
- ___ *Practice: Word Problems Workbook*, p. 48
- ___ Extra Practice, *SE*, p. 631
- ___ msmath3.net/extra_examples/leap21
- ___ Differentiated Instruction, *TWE*, p. 296
- ___ *Parent and Student Study Guide*, Lesson 6-8
- ___ *Real-Life Career Masters*
- ___ *Virtual Activities for Middle School Mathematics, Level 3*
- ___ *Answer Key Transparencies*, Lesson 6-8
- ___ *MathPASS Tutorial CD-ROM*, Lesson 32
- ___ *Math Skills Maintenance*, Skill 34
- ___ Family Letters & Activities, *CRM*, pp. ix–x

Assignment Guide, pp. 298–299, <i>SE</i>	
	Exercises
Basic	1–23 odd
Advanced	1–9 odd, 11–24
Alternate Assignment _____	

- ___ *Solutions Manual*
- ___ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 6-8

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 299
- ___ Enrichment, *CRM*, p. 346
- ___ Countdown to LEAP 21, *TWE*, p. LA28
- ___ *AnswerKey Maker CD-ROM*
- ___ msmath3.net/self_check_quiz/leap21

___ *Closing the Gap for Absent Students*, pp. 64–65

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

Lesson Planning Guide (pp. 300–303)



6-9

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 8 of 9

NCTM Standards
1, 2, 3, 4, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-2-M, G-3-M, G-4-M, G-7-M
Louisiana GLE
25

Objective

___ Graph rotations on a coordinate plane.

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check 6-9, *TWE*, p. 300
- ___ *5-Minute Check Transparencies with Standardized Test Practice*, Lesson 6-9
- ___ Bellringer, *TWE*, p. 300
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*
- ___ *Interactive Student Edition CD-ROM*
- ___ *Quick Review Math Handbook*, Section 7-3

2 Teach

- ___ In-Class Examples, *TWE*, p. 301
- ___ *Interactive Chalkboard CD-ROM*, Lesson 6-9
- ___ Daily Intervention, *TWE*, pp. 300, 302
- ___ Study Guide and Intervention, *CRM*, p. 347
- ___ *Study Guide and Intervention Workbook*, p. 49
- ___ Reading to Learn Mathematics, *CRM*, p. 350
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *Key Teaching Transparencies*

3 Practice/Apply

- ___ Practice: Skills, *CRM*, pp. 348–349
- ___ *Practice: Skills Workbook*, p. 49
- ___ *Practice: Word Problems Workbook*, p. 49
- ___ Extra Practice, *SE*, p. 632
- ___ msmath3.net/extra_examples/leap21
- ___ *Parent and Student Study Guide*, Lesson 6-9
- ___ *Virtual Activities for Middle School Mathematics, Level 3*
- ___ *Answer Key Transparencies*, Lesson 6-9
- ___ *WebQuest, Projects, and Interdisciplinary Investigations*, pp. 43–48
- ___ *Math Skills Maintenance*, Skill 34
- ___ Family Letters & Activities, *CRM*, pp. ix–x
- ___ *Solutions Manual*

Assignment Guide, pp. 302–303, *SE*

Exercises	
Basic	1–25 odd
Advanced	1–11 odd, 13–25
Alternate Assignment _____	

- ___ *Louisiana Noteables™: Interactive Study Notebook with Foldables™*, Lesson 6-9

4 Assess

- ___ Higher-Level Thinking, *TWE*, p. 303
- ___ Enrichment, *CRM*, p. 351
- ___ Countdown to LEAP 21, *TWE*, p. LA28
- ___ *AnswerKey Maker CD-ROM*
- ___ Assessment, Quiz, *CRM*, p. 368
- ___ msmath3.net/self_check_quiz/leap21

___ *Closing the Gap for Absent Students*, pp. 64–65

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Hands-On Lab (pp. 304–305)



6-9b

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 8 of 9

NCTM Standards
1, 2, 3, 4, 6, 7, 9, 10
Louisiana Mathematics Framework, Grades 5–8 Benchmarks
G-4-M, G-7-M

Objective

_____ Create Escher-like drawings using translations and rotations.

Getting Started

Materials/Resources Needed _____ index cards, scissors, tape, paper

Focus

Teach

- _____ *Teaching Math with Manipulatives*, p. 76
- _____ *Overhead Manipulative Resources*
- _____ *Glencoe Mathematics Classroom Manipulative Kit*
- _____ *Glencoe Mathematics Student Manipulative Kit*

Assignment Guide, p. 305, SE	
All	1–4
Alternate Assignment _____	

Assess

Review and Testing (pp. 306–311)



6

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	Day 9 of 9

Assess

- ___ Vocabulary and Concept Check, *SE*, p. 306
- ___ Portfolio Suggestion, *TWE*, p. 309
- ___ Vocabulary Test/Review, *CRM*, p. 366
- ___ Lesson-by-Lesson Review, *SE*, pp. 306–308
- ___ Practice Test, *SE*, p. 309
- ___ *Teaching Mathematics with Foldables™*, pp. 57, 58, 60–62, 64
- ___ Chapter 6 Tests, *CRM*, pp. 353–364
- ___ Extended Response Assessment, *CRM*, p. 365
- ___ Standardized Test Practice, *SE*, pp. 310–311
- ___ Standardized Test Practice, *CRM*, pp. 371–372
- ___ Cumulative Review, *CRM*, p. 370
- ___ *Vocabulary PuzzleMaker CD-ROM*
- ___ msmath3.net/vocabulary_review
- ___ msmath3.net/chapter_test/leap21
- ___ msmath3.net/standardized_test/leap21
- ___ *Real Life Video and MindJogger Videoquizzes DVD*
- ___ First Semester Test, *CRM*, pp. 373–376
- ___ *LEAP 21 Intervention Transparencies, Grade 8*
- ___ *Mastering the LEAP 21: Diagnose, Prescribe, and Practice Workbook, Grade 8*

Other Assessment Materials

- *ExamView Pro™ CD-ROM*
- *Mastering the LEAP 21 and GEE 21 CD-ROM*

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