

Lesson Planning Guide (pp. 98–102)



3-1

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 2, 6, 9

Recommended Pacing	
Regular Average	Day 1 of 12
Regular Advanced	Day 1 of 11
Block Average	Day 1 of 6
Block Advanced	Day 1 of 5

Louisiana Grade-Level Expectations, Grade 8: 5

Objectives

- ___ Use the Distributive Property to write equivalent numerical expressions.
- ___ Use the Distributive Property to write equivalent algebraic expressions.
- ___ State/local objectives: _____

1 Focus

Materials/Resources Needed _____

- ___ Building on Prior Knowledge, *TWE*, p. 99
- ___ 5-Minute Check Transparencies, Lesson 3-1
- ___ Mathematical Background, *TWE*, p. 96C
- ___ Prerequisite Skills Masters, pp. 9–10
- ___ TeacherWorks CD-ROM, Louisiana Edition
- ___ StudentWorks CD-ROM, Louisiana Edition

2 Teach

- ___ In-Class Examples, *TWE*, p. 99
- ___ Teaching Pre-Algebra with Manipulatives, pp. 47–48
- ___ Interactive Chalkboard CD-ROM, Lesson 3-1
- ___ pre-alg.com/extra_examples/leap21
- ___ Guide to Daily Intervention, pp. 12–13
- ___ Daily Intervention, *TWE*, p. 100
- ___ Study Guide and Intervention, *CRM*, p. 107
- ___ Reading to Learn Mathematics, *CRM*, p. 110
- ___ Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 108
- ___ Practice, *CRM*, p. 109
- ___ Extra Practice, *SE*, p. 728
- ___ Differentiated Instruction, *TWE*, p. 100
- ___ Parent and Student Study Guide Workbook, p. 16
- ___ Answer Key Transparencies, Lesson 3-1

Assignment Guide, pp. 100–102, SE

	Objective 1	Objective 2	Other
Basic	13–21 odd, 25, 51	27–47 odd	52–55, 64–77
Average	13–25 odd, 51	27–49 odd	52–55, 64–77 (Optional: 56–63)
Advanced	12–24 even, 50	26–48 even	52–71 (Optional: 72–77)
Alternate Assignment _____			

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 102
- ___ Enrichment, *CRM*, p. 111
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, p. LA18

___ Closing the Gap for Absent Students, pp. 6–7

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

Lesson Planning Guide (pp. 103–106)



3-2

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
1, 2, 6, 9

Recommended Pacing	
Regular Average	Day 2 of 12
Regular Advanced	Day 2 of 11
Block Average	Day 1 of 6
Block Advanced	Day 1 of 5

Objectives

___ Use the Distributive Property to simplify algebraic expressions.

___ State/local objectives: _____

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check Transparencies, Lesson 3-2
- ___ Mathematical Background, *TWE*, p. 96C
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*

2 Teach

- ___ In-Class Examples, *TWE*, p. 104
- ___ *Interactive Chalkboard CD-ROM, Lesson 3-2*
- ___ pre-alg.com/extra_examples/leap21
- ___ *Guide to Daily Intervention*, pp. 12–13
- ___ Daily Intervention, *TWE*, pp. 104, 105
- ___ Study Guide and Intervention, *CRM*, p. 112
- ___ Reading to Learn Mathematics, *CRM*, p. 115
- ___ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 113
- ___ Practice, *CRM*, p. 114
- ___ Extra Practice, *SE*, p. 728
- ___ Differentiated Instruction, *TWE*, p. 105
- ___ *Parent and Student Study Guide Workbook*, p. 17
- ___ *Answer Key Transparencies, Lesson 3-2*

Assignment Guide, pp. 105–107, SE

	Objective 1
Basic	17–45 odd, 51–55 odd, 56–73
Average	17–55 odd, 56–73
Advanced	18–56 even, 57–67 (Optional: 68–73)
All	Practice Quiz 1 (1–5)
Alternate Assignment _____	

4 Assess

- ___ Practice Quiz 1, *SE*, p. 107
- ___ Open-Ended Assessment, *TWE*, p. 107
- ___ Enrichment, *CRM*, p. 116
- ___ Assessment, Quiz, *CRM*, p. 157
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, p. LA19

___ *Closing the Gap for Absent Students*, pp. 6–7

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Algebra Activity (pp. 108–109)

A Preview of Lessons 3-3 and 3-4



3

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
2, 10

Recommended Pacing	
Regular Average	Day 3 of 12
Regular Advanced	Day 3 of 11
Block Average	Day 2 of 6
Block Advanced	Day 2 of 5

Objectives

- _____ Solve equations using algebra tiles.
- _____ State/local objectives: _____

Louisiana Grade-Level Expectations, Grade 8: 6

Getting Started

Materials/Resources Needed algebra tiles, equation mat

Teach

- _____ *Teaching Pre-Algebra with Manipulatives*, pp. 49–51
- _____ *Glencoe Mathematics Classroom Manipulative Kit*
- _____ *Teaching Strategy, TWE*, p. 108

Assignment Guide, pp. 108–109, SE	
All	1–12
Alternate Assignment _____	

Assess

- _____ *Study Notebook, TWE*, p. 109

Lesson Planning Guide (pp. 110–114)



3-3

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
2, 6, 9

Recommended Pacing	
Regular Average	Day 4 of 12
Regular Advanced	Day 3 of 11
Block Average	Day 2 of 6
Block Advanced	Day 2 of 5

Louisiana Grade-Level Expectations, Grade 8: 6

Objectives

- ___ Solve equations by using the Subtraction Property of Equality.
- ___ Solve equations by using the Addition Property of Equality.
- ___ State/local objectives: _____

1 Focus

Materials/Resources Needed _____

- ___ Building on Prior Knowledge, *TWE*, p. 111
- ___ 5-Minute Check Transparencies, Lesson 3-3
- ___ Mathematical Background, *TWE*, p. 96C
- ___ Prerequisite Skills Masters, pp. 5–8
- ___ TeacherWorks CD-ROM, Louisiana Edition
- ___ StudentWorks CD-ROM, Louisiana Edition

2 Teach

- ___ In-Class Examples, *TWE*, p. 111
- ___ Interactive Chalkboard CD-ROM, Lesson 3-3
pre-alg.com/extra_examples/leap21
- ___ pre-alg.com/data_update
- ___ Guide to Daily Intervention, pp. 12–13
- ___ Study Guide and Intervention, *CRM*, p. 117
- ___ Reading to Learn Mathematics, *CRM*, p. 120
- ___ Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 118
- ___ Practice, *CRM*, p. 119
- ___ Extra Practice, *SE*, p. 729
- ___ Differentiated Instruction, *TWE*, p. 113
- ___ School-to-Career Masters, p. 5
- ___ Parent and Student Study Guide Workbook, p. 18
- ___ Answer Key Transparencies, Lesson 3-3
- ___ WebQuest and Projects Resources, p. 26

Assignment Guide, pp. 113–114, SE

	Objective 1	Objective 2	Other
Basic	13–19 odd, 29	21–27 odd, 31	37–45 odd, 46–67
Average	13–19 odd, 29	21–27 odd, 31	33–45 odd, 46–67
Advanced	12–18 even, 28	20–26 even, 30, 32	34–44 even, 45–61 (Optional: 62–67)

Alternate Assignment _____

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 114
- ___ Enrichment, *CRM*, p. 121
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, p. LA19

___ Closing the Gap for Absent Students, pp. 6–7

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Lesson Planning Guide (pp. 115–119)



3-4

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
2, 6, 9

Recommended Pacing	
Regular Average	Day 5 of 12
Regular Advanced	Day 4 of 11
Block Average	Day 3 of 6
Block Advanced	Day 2 of 5

Louisiana Grade-Level Expectations, Grade 8: 6

Objectives

- ___ Solve equations by using the Distributive Property of Equality.
- ___ Solve equations by using the Multiplication Property of Equality.
- ___ State/local objectives: _____

1 Focus

Materials/Resources Needed _____

- ___ *5-Minute Check Transparencies*, Lesson 3-4
- ___ *Mathematical Background*, TWE, p. 96D
- ___ *Prerequisite Skills Masters*, pp. 9–12
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*

2 Teach

- ___ In-Class Examples, TWE, p. 116
- ___ *Interactive Chalkboard CD-ROM, Lesson 3-4*
- ___ pre-alg.com/extra_examples/leap21
- ___ pre-alg.com/data_update
- ___ *Guide to Daily Intervention*, pp. 12–13
- ___ *Daily Intervention*, TWE, p. 116
- ___ *Study Guide and Intervention*, CRM, p. 122
- ___ *Reading to Learn Mathematics*, CRM, p. 125
- ___ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

3 Practice/Apply

- ___ *Skills Practice*, CRM, p. 123
- ___ *Practice*, CRM, p. 124
- ___ *Extra Practice*, SE, p. 729
- ___ *Differentiated Instruction*, TWE, p. 117
- ___ *Parent and Student Study Guide Workbook*, p. 19
- ___ *Real-World Application Transparencies and Masters*
- ___ *Answer Key Transparencies*, Lesson 3-4
- ___ *Pre-AlgePASS CD-ROM*, Lesson 4

Assignment Guide, pp. 117–119, SE

	Objective 1	Objective 2	Other
Basic	11–15 odd, 23, 25, 31	17–21 odd, 27, 29, 33	39–45 odd, 49, 50, 52–69
Average	11–15 odd, 23, 25, 31, 35, 45	17–21 odd, 27, 29, 33, 37	39–43 odd, 47, 49–69
Advanced	12–16 even, 24, 26, 32, 36, 46	18–22 even, 28, 30, 34, 38	40–44 even, 48–60 (Optional: 61–69)

Alternate Assignment _____

4 Assess

- ___ *Open-Ended Assessment*, TWE, p. 119
- ___ *Enrichment*, CRM, p. 126
- ___ *Assessment, Mid-Chapter Test*, CRM, p. 159
- ___ *Assessment, Quiz*, CRM, p. 157
- ___ pre-alg.com/self_check_quiz/leap21
- ___ *Countdown to LEAP 21*, TWE, p. LA19

___ *Closing the Gap for Absent Students*, pp. 6–7

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Lesson Planning Guide (pp. 120–125)



3-5

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
2, 6, 9

Recommended Pacing	
Regular Average	Days 6 & 7 of 12
Regular Advanced	Days 5 & 6 of 11
Block Average	Days 3 & 4 of 6
Block Advanced	Day 3 of 5

Objectives

- ___ Solve two-step equations.
- ___ State/local objectives: _____

Louisiana Grade-Level Expectations, Grade 8: 6, 12
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1 Focus

Materials/Resources Needed _____

- ___ *5-Minute Check Transparencies*, Lesson 3-5
- ___ *Mathematical Background*, *TWE*, p. 96D
- ___ *Prerequisite Skills Masters*, pp. 21–26
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*

2 Teach

- ___ In-Class Examples, *TWE*, pp. 121–122
- ___ *Teaching Pre-Algebra with Manipulatives*, pp. 52–54
- ___ *Interactive Chalkboard CD-ROM*, Lesson 3-5
- ___ pre-alg.com/extra_examples/leap21
- ___ *Guide to Daily Intervention*, pp. 12–13
- ___ *Study Guide and Intervention, CRM*, p. 127
- ___ *Reading to Learn Mathematics, CRM*, p. 130
- ___ *Reading Mathematics, SE*, p. 125
- ___ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 128
- ___ Practice, *CRM*, p. 129
- ___ Extra Practice, *SE*, p. 729
- ___ Differentiated Instruction, *TWE*, p. 124
- ___ *Science and Mathematics Lab Manual*, pp. 39–42
- ___ *Graphing Calculator and Spreadsheet Masters*, p. 23
- ___ *Parent and Student Study Guide Workbook*, p. 20
- ___ *Answer Key Transparencies*, Lesson 3-5
- ___ *Pre-AlgePASS CD-ROM*, Lessons 5 & 6

Assignment Guide, pp. 122–124, SE

	Objective 1
Basic	13–49 odd, 50–74
Average	13–49 odd, 50–74
Advanced	14–48 even, 50–69 (Optional: 70–74)
Reading Mathematics	1, 2
Alternate Assignment _____	

4 Assess

- ___ Open-Ended Assessment, *TWE*, p. 124
- ___ Enrichment, *CRM*, p. 131
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, pp. LA19, LA20

___ *Closing the Gap for Absent Students*, pp. 6–7

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Lesson Planning Guide (pp. 126–130)



3-6

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
2, 6, 9

Recommended Pacing	
Regular Average	Days 8 & 9 of 12
Regular Advanced	Day 7 of 11
Block Average	Days 4 & 5 of 6
Block Advanced	Day 3 of 5

Louisiana Grade-Level Expectations, Grade 8: 10, 11

Objectives

- ___ Write verbal sentences as two-step equations.
- ___ Solve verbal problems by writing and solving two-step equations.
- ___ State/local objectives: _____

1 Focus

Materials/Resources Needed _____

- ___ 5-Minute Check Transparencies, Lesson 3-6
- ___ Mathematical Background, *TWE*, p. 96D
- ___ *TeacherWorks CD-ROM, Louisiana Edition*
- ___ *StudentWorks CD-ROM, Louisiana Edition*

2 Teach

- ___ In-Class Examples, *TWE*, pp. 127–128
- ___ *Teaching Pre-Algebra with Manipulatives*, p. 55
- ___ *Interactive Chalkboard CD-ROM*, Lesson 3-6
- ___ pre-alg.com/extra_examples/leap21
- ___ pre-alg.com/careers
- ___ *Guide to Daily Intervention*, pp. 12–13
- ___ Daily Intervention, *TWE*, p. 128
- ___ Study Guide and Intervention, *CRM*, p. 132
- ___ Reading to Learn Mathematics, *CRM*, p. 135
- ___ *Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition*

3 Practice/Apply

- ___ Skills Practice, *CRM*, p. 133
- ___ Practice, *CRM*, p. 134
- ___ Extra Practice, *SE*, p. 730
- ___ Differentiated Instruction, *TWE*, p. 129
- ___ *Parent and Student Study Guide Workbook*, p. 21
- ___ *Answer Key Transparencies*, Lesson 3-6

Assignment Guide, pp. 128–130, *SE*

	Objective 1	Objective 2	Other
Basic	9–15 odd	21, 23	26–42
Average	9–19 odd	21, 23	25–42
Advanced	8–18 even	20, 22	24, 26–36 (Optional: 37–42)
All	Practice Quiz 2 (1–5)		
Alternate Assignment _____			

4 Assess

- ___ Practice Quiz 2, *SE*, p. 130
- ___ Open-Ended Assessment, *TWE*, p. 130
- ___ Enrichment, *CRM*, p. 136
- ___ Assessment, Quiz, *CRM*, p. 158
- ___ pre-alg.com/self_check_quiz/leap21
- ___ Countdown to LEAP 21, *TWE*, p. LA20

___ *Closing the Gap for Absent Students*, pp. 6–7

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

Lesson Planning Guide (pp. 131–136)



3-7

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
2, 3, 6, 9

Recommended Pacing	
Regular Average	Day 10 of 12
Regular Advanced	Day 8 of 11
Block Average	Day 5 of 6
Block Advanced	Day 4 of 5

Objectives

- ___ Solve problems by using formulas.
- ___ Solve problems involving the perimeters and areas of rectangles.
- ___ State/local objectives: _____

Louisiana Grade-Level Expectations, Grade 8: 18
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<p>1 Focus Materials/Resources Needed _____</p> <p>___ <i>5-Minute Check Transparencies</i>, Lesson 3-7</p> <p>___ <i>Mathematical Background</i>, <i>TWE</i>, p. 96D</p> <p>___ <i>TeacherWorks CD-ROM, Louisiana Edition</i></p> <p>___ <i>StudentWorks CD-ROM, Louisiana Edition</i></p>	<p>2 Teach</p> <p>___ In-Class Examples, <i>TWE</i>, pp. 132–135</p> <p>___ <i>Interactive Chalkboard CD-ROM</i>, Lesson 3-7</p> <p>___ pre-alg.com/extra_examples/leap21</p> <p>___ <i>Guide to Daily Intervention</i>, pp. 12–13</p> <p>___ Study Guide and Intervention, <i>CRM</i>, p. 137</p> <p>___ Reading to Learn Mathematics, <i>CRM</i>, p. 140</p> <p>___ <i>Noteables™: Interactive Study Notebook with Foldables™, Louisiana Edition</i></p>																								
<p>3 Practice/Apply</p> <p>___ Skills Practice, <i>CRM</i>, p. 138</p> <p>___ Practice, <i>CRM</i>, p. 139</p> <p>___ Extra Practice, <i>SE</i>, p. 730</p> <p>___ Differentiated Instruction, <i>TWE</i>, p. 134</p> <p>___ <i>School-to-Career Masters</i>, p. 6</p> <p>___ <i>Graphing Calculator and Spreadsheet Masters</i>, p. 24</p> <p>___ <i>Parent and Student Study Guide Workbook</i>, p. 22</p> <p>___ <i>Answer Key Transparencies</i>, Lesson 3-7</p> <p>___ pre-alg.com/webquest</p>	<table border="1" style="width: 100%;"> <tr> <th colspan="4">Assignment Guide, pp. 133–136, SE</th> </tr> <tr> <th></th> <th>Objective 1</th> <th>Objective 2</th> <th>Other</th> </tr> <tr> <td>Basic</td> <td>11, 31</td> <td>13–29 odd</td> <td>33, 34, 41–53</td> </tr> <tr> <td>Average</td> <td>11, 31</td> <td>13–29 odd</td> <td>33-35, 37–41 odd, 42–53</td> </tr> <tr> <td>Advanced</td> <td>10, 30</td> <td>12–28 even</td> <td>32–53</td> </tr> <tr> <td colspan="4">Alternate Assignment _____</td> </tr> </table>	Assignment Guide, pp. 133–136, SE					Objective 1	Objective 2	Other	Basic	11, 31	13–29 odd	33, 34, 41–53	Average	11, 31	13–29 odd	33-35, 37–41 odd, 42–53	Advanced	10, 30	12–28 even	32–53	Alternate Assignment _____			
Assignment Guide, pp. 133–136, SE																									
	Objective 1	Objective 2	Other																						
Basic	11, 31	13–29 odd	33, 34, 41–53																						
Average	11, 31	13–29 odd	33-35, 37–41 odd, 42–53																						
Advanced	10, 30	12–28 even	32–53																						
Alternate Assignment _____																									
<p>4 Assess</p> <p>___ Open-Ended Assessment, <i>TWE</i>, p. 136</p> <p>___ Enrichment, <i>CRM</i>, p. 141</p> <p>___ Assessment, Quiz, <i>CRM</i>, p. 158</p>	<p>___ pre-alg.com/self_check_quiz/leap21</p> <p>___ Countdown to LEAP 21, <i>TWE</i>, p. LA20</p>																								

___ *Closing the Gap for Absent Students*, pp. 6–7

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Spreadsheet Investigation (p. 137)

A Follow-Up of Lesson 3-7



3

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

NCTM Standards
2, 3, 6, 7, 10

Recommended Pacing	
Regular Average	Day 10 of 12
Regular Advanced	Day 9 of 11
Block Average	Day 5 of 6
Block Advanced	Day 4 of 5

Objectives

- ___ Use a spreadsheet to find perimeter and area.
- ___ State/local objectives: _____

Louisiana Grade-Level Expectations, Grade 8: 13
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Getting Started

Materials/Resources Needed _____

Teach

Assignment Guide, p. 137, SE	
All	1-5
Alternate Assignment _____	

Assess

Review and Testing (pp. 138–142)



3

Teacher's Name _____ Dates _____

Grade _____ Class _____ M Tu W Th F

Recommended Pacing	
Regular Average	Days 11 & 12 of 12
Regular Advanced	Days 10 & 11 of 11
Block Average	Day 6 of 6
Block Advanced	Day 5 of 5

Assess

- ___ *Parent and Student Study Guide Workbook*, p. 23
- ___ Vocabulary and Concept Check, *SE*, p. 138
- ___ Vocabulary Test, *CRM*, p. 156
- ___ Lesson-by-Lesson Review, *SE*, pp. 138–140
- ___ Practice Test, *SE*, p. 141
- ___ Chapter 3 Tests, *CRM*, pp. 143–154
- ___ Open-Ended Assessment, *CRM*, p. 155
- ___ Standardized Test Practice, *SE*, pp. 142–143
- ___ Standardized Test Practice, *CRM*, pp. 161–162
- ___ Cumulative Review, *CRM*, p. 160
- ___ *Vocabulary PuzzleMaker CD-ROM*
- ___ pre-alg.com/vocabulary_review
- ___ pre-alg.com/chapter_test/leap21
- ___ pre-alg.com/standardized_test/leap21
- ___ *MindJogger Videoquizzes VHS*
- ___ Unit 1 Test, *CRM*, pp. 163–164

Other Assessment Materials

- *ExamView® Pro CD-ROM*
- *Mastering the LEAP 21: Diagnose, Prescribe, and Practice Workbook for Grade 8*
- *Preparing for LEAP 21 and GEE 21 CD-ROM*
- *LEAP 21 Intervention Transparencies for Grade 8*