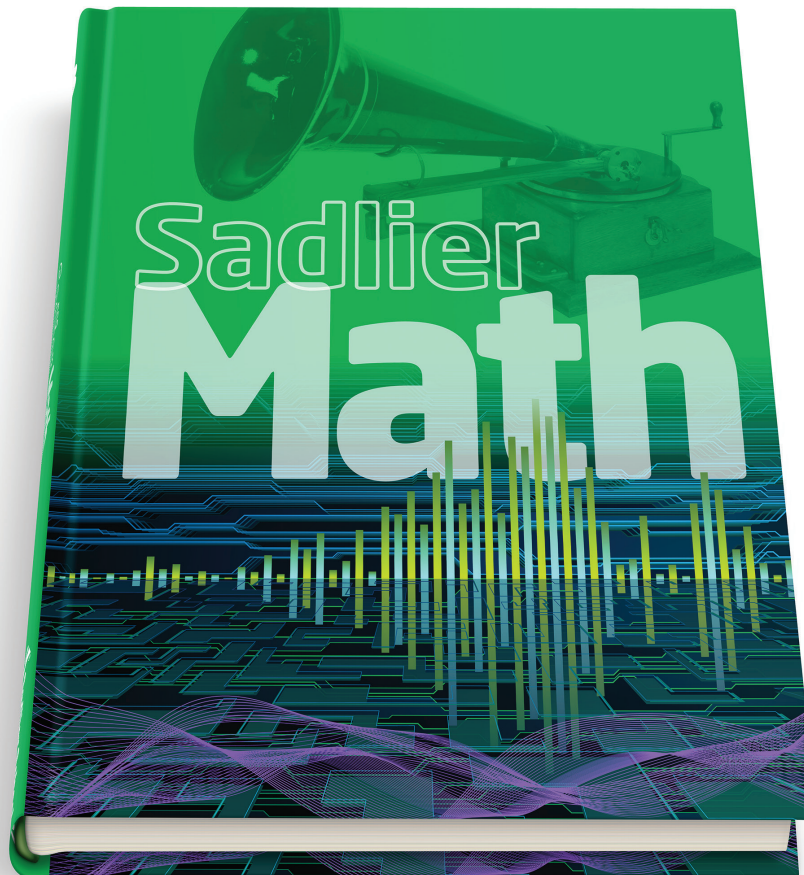


# **Sadlier Math™**

Correlation to the Diocese of Raleigh Math Standards

**Grade 3**



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**OPERATIONS AND ALGEBRAIC THINKING**

**3<sup>rd</sup> Grade Content Standards**

**Sadlier Math, Grade 3**

**Achievement Standard: 3.OA.1 Represent and solve problems involving addition, subtraction, multiplication and division.**

**3.OA.1.1** Fluently add and subtract using three digit whole numbers with and without regrouping using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.

- Chapter 2: 2-1 through 2-8**
- 2-1 Use Addition Properties—pp. 22-23
  - 2-2 Explore Addition Patterns—pp. 24-25
  - 2-3 Estimate Sums—pp. 26-27
  - 2-4 Add with Partial Sums—pp. 30-31
  - 2-5 Use Place Value to Add: Regroup Once—pp. 32-33
  - 2-6 Use Place Value to Add: Regroup Twice—pp. 34-35
  - 2-7 Add with Three or More Addends—pp. 36-37
  - 2-8 Problem Solving: Use a Model—pp. 38-39
- Chapter 3: 3-1 through 3-6**
- 3-1 Estimate Differences—pp. 46-47
  - 3-2 Relate Addition and Subtraction—pp. 48-49
  - 3-3 Subtract with Partial Differences—pp. 50-51
  - 3-4 Subtract Three-Digit Numbers—pp. 54-55
  - 3-5 Subtract Across Zeros—pp. 56-57
  - 3-6 Problem Solving: Read and Understand—pp. 58-59

**3.OA.1.2** For products of whole numbers with two factors up to and including 12.

- Interpret and solve products of whole numbers using repeated addition, arrays, and equal groups.
- Solve one-step multiplication word problems using strategies and algorithms

- Chapter 4: 4-1 through 4-7**
- 4-1 Represent Multiplication as Repeated Addition—pp. 66-67
  - 4-2 Represent Multiplication on a Number Line—pp. 68-69
  - 4-3 Represent Multiplication as Arrays—pp. 70-71
  - 4-7 Problem Solving: Write an Equation—pp. 80-81
- Chapter 5: 5-1 through 5-8**
- 5-1 Multiply by 2—pp. 88-89
  - 5-2 Multiply by 5—pp. 90-91
  - 5-3 Multiply by 9—pp. 92-93
  - 5-4 Multiply by 1 and 0—pp. 96-97
  - 5-5 Multiply by 10—pp. 98-99
- Chapter 6: 6-1 through 6-11**
- 6-1 Break Apart to Multiply—pp. 112-113
  - 6-2 Multiply by 3—pp. 114-115
  - 6-3 Multiply by 4—pp. 116-117
  - 6-4 Multiply by 6—pp. 118-119
  - 6-5 Multiply by 7—pp. 120-121
  - 6-6 Multiply by 8—pp. 122-123
  - 6-7 Use a Bar Model to Multiply—pp. 126-127
  - 6-8 Problem Solving: Make a Table—pp. 128-129
  - 6-9 Use the Associative Property to Multiply—pp. 130-131
  - 6-10 Find More Multiplication Patterns—pp. 132-133
  - 6-11 Multiply by Multiples of 10—pp. 134-135

**3.OA.1.3** For quotients of whole numbers with a one-digit divisor and a one-digit quotient:

- Interpret the divisor and quotient in a division equation using subtraction, arrays, and equal groups.

- Chapter 4: 4- & 4-6**
- 4-5 Represent Division by Sharing—pp. 76-77
  - 4-6 Represent Division by Repeated Subtraction—pp. 78-79
- Chapter 7: 7-1 through 7-6**
- 7-1 Relate Multiplication and Division—pp. 142-143
  - 7-2 Divide by 2—pp. 144-145

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## OPERATIONS AND ALGEBRAIC THINKING

3 <sup>rd</sup> Grade Content Standards	Sadlier Math, Grade 3
<ul style="list-style-type: none"> <li>Solve one-step division word problems using strategies and algorithms.</li> </ul>	<ul style="list-style-type: none"> <li>7-3 Divide by 3—pp. 146-147</li> <li>7-4 Divide by 4—pp. 150-151</li> <li>7-5 Divide by 5—pp. 152-153</li> <li>7-6 Problem Solving: Use Drawings to Solve Problems—pp. 154-155</li> </ul> <p><b>Chapter 8: 8-1 through 8-9</b></p> <ul style="list-style-type: none"> <li>8-1 Divide by 6—pp. 162-163</li> <li>8-2 Divide by 7—pp. 164-165</li> <li>8-3 Divide by 8—pp. 166-167</li> <li>8-4 Divide by 9—pp. 168-169</li> <li>8-5 One and Zero in Division—pp. 172-173</li> <li>8-6 Problem Solving: Work Backward—pp. 174-175</li> <li>8-7 Fact Families—pp. 176-177</li> <li>8-8 Use Facts to Solve Problems—pp. 178-179</li> <li>8-9 Use Order of Operations—pp. 180-181</li> </ul>
<p><b>Achievement Standard: 3.OA.2 Understand properties of multiplication and the relationship between multiplication and division.</b></p>	
<p><b>3.OA.2.1</b></p> <ul style="list-style-type: none"> <li>Introduce commutative, associative, distributive and identity properties of operations as strategies to multiply and divide.</li> <li>Understand that addition and subtraction as well as multiplication and division are inverse operations.</li> </ul>	<p><b>Chapter 2: 2-1</b></p> <ul style="list-style-type: none"> <li>2-1 Use Addition Properties—pp. 22-23</li> </ul> <p><b>Chapter 4: 4-4</b></p> <ul style="list-style-type: none"> <li>4-4 Multiply with the Commutative Property—pp. 74-75</li> </ul> <p><b>Chapter 6: 6-9</b></p> <ul style="list-style-type: none"> <li>6-9 Use the Associative Property to Multiply—pp. 130-131</li> </ul> <p><b>Chapter 8: 8-5</b></p> <ul style="list-style-type: none"> <li>8-5 One and Zero in Division—pp. 172-173</li> </ul> <p><b>Chapter 15: 15-4</b></p> <ul style="list-style-type: none"> <li>15-4 Find Area Using the Distributive Property—pp. 320-321</li> </ul>
<p><b>Achievement Standard: 3.OA.3 Multiply and divide within 144.</b></p>	
<p><b>3.OA.3.1</b> Demonstrate fluency of multiplication and division with factors, quotients and divisors up to and including 12.</p> <ul style="list-style-type: none"> <li>Memorize multiplication and division facts with products and quotients through 144.</li> <li>Determine the unknown whole number in a multiplication or division equation relating three whole numbers.</li> </ul>	<p><b>Chapter 5: 5-1 through 5-5</b></p> <ul style="list-style-type: none"> <li>5-1 Multiply by 2—pp. 88-89</li> <li>5-2 Multiply by 5—pp. 90-91</li> <li>5-3 Multiply by 9—pp. 92-93</li> <li>5-4 Multiply by 1 and 0—pp. 96-97</li> <li>5-5 Multiply by 10—pp. 98-99</li> </ul> <p><b>Chapter 6: 6-1 through 6-6</b></p> <ul style="list-style-type: none"> <li>6-1 Break Apart to Multiply—pp. 112-113</li> <li>6-2 Multiply by 3—pp. 114-115</li> <li>6-3 Multiply by 4—pp. 116-117</li> <li>6-4 Multiply by 6—pp. 118-119</li> <li>6-5 Multiply by 7—pp. 120-121</li> <li>6-6 Multiply by 8—pp. 122-123</li> </ul> <p><b>Chapter 7: 7-1 through 7-5</b></p> <ul style="list-style-type: none"> <li>7-1 Relate Multiplication and Division—pp. 142-143</li> <li>7-2 Divide by 2—pp. 144-145</li> <li>7-3 Divide by 3—pp. 146-147</li> </ul> <p style="text-align: right;"><i>continued</i></p>

## OPERATIONS AND ALGEBRAIC THINKING

3 <sup>rd</sup> Grade Content Standards	<i>Sadlier Math, Grade 3</i>
	<ul style="list-style-type: none"> <li>• 7-4 Divide by 4—pp. 150–151</li> <li>• 7-5 Divide by 5—pp. 152–153</li> </ul> <p><b>Chapter 8: 8-1 through 8-5, 8-7 &amp; 8-8</b></p> <ul style="list-style-type: none"> <li>• 8-1 Divide by 6—pp. 162–163</li> <li>• 8-2 Divide by 7—pp. 164–165</li> <li>• 8-3 Divide by 8—pp. 166–167</li> <li>• 8-4 Divide by 9—pp. 168–169</li> <li>• 8-5 One and Zero in Division—pp. 172–173</li> <li>• 8-7 Fact Families—pp. 176–177</li> <li>• 8-8 Use Facts to Solve Problems—pp. 178–179</li> </ul>
<p><b>3.OA.3.2</b> Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends.</p>	<p><b>Chapter 4: 4-13</b></p> <ul style="list-style-type: none"> <li>• 4-3 Represent Multiplication as Arrays—pp. 70–71</li> </ul> <p><b>Chapter 15: 15-3</b></p> <ul style="list-style-type: none"> <li>• 15-3 Find the Area of a Rectangle and a Square—pp. 316–317 (arrays)</li> </ul> <p>See also Grade 2</p> <p><b>Chapter 10: 10-1 through 10-5</b></p> <ul style="list-style-type: none"> <li>• 10-3 Arrays: Repeated Addition—pp. 439–442</li> <li>• 10-4 Arrays: Show the Same Number—pp. 443–446</li> </ul>

## NUMBER AND OPERATIONS IN BASE TEN

3 <sup>rd</sup> Grade Content Standards	<i>Sadlier Math, Grade 3</i>
<p><b>Achievement Standard: 3.NBT.1 Generalize place value understanding for multi-digit numbers.</b></p>	
<p><b>3.NBT.1.1</b> Use place value to round whole numbers to the nearest 10 or 100.</p>	<p><b>Chapter 1: 1-4 &amp; 1-5</b></p> <ul style="list-style-type: none"> <li>• 1-4 Round Numbers to the Nearest Ten—pp. 10–11</li> <li>• 1-5 Round Numbers to the Nearest Hundred—pp. 12–13</li> </ul>
<p><b>3.NBT.1.2</b> Use place value to identify numbers to the 100,000 place.</p> <ul style="list-style-type: none"> <li>• Read and write whole numbers up to the 100,000 place.</li> <li>• Use standard, word and expanded forms to represent numbers.</li> <li>• Compare and order numbers to 100,000.</li> </ul>	<p><b>Chapter 1: 1-1 through 1-3</b></p> <ul style="list-style-type: none"> <li>• 1-1 Read and Write Multi-Digit Numbers—pp. 2–3</li> <li>• 1-2 Understand the Number Line—pp. 4–5</li> <li>• 1-3 Compare and Order Numbers—pp. 6–7</li> </ul>

## NUMBER AND OPERATIONS IN BASE TEN

3 <sup>rd</sup> Grade Content Standards	<i>Sadlier Math, Grade 3</i>
<b>Achievement Standard: 3.NBT.2 Use place value to perform multi-digit algorithms.</b>	
<p><b>3.NBT.2.1</b> Add and subtract whole numbers up to and including 1000.</p> <ul style="list-style-type: none"> <li>Use expanded form to decompose numbers to find sums and differences.</li> </ul>	<p><b>Chapter 2: 2-1 &amp; 2-2, 2-4 through 2-8</b></p> <ul style="list-style-type: none"> <li>2-1 Use Addition Properties—pp. 22-23</li> <li>2-2 Explore Addition Patterns—pp. 24-25</li> <li>2-4 Add with Partial Sums—pp. 30-31</li> <li>2-5 Use Place Value to Add: Regroup Once—pp. 32-33</li> <li>2-6 Use Place Value to Add: Regroup Twice—pp. 34-35</li> <li>2-7 Add with Three or More Addends—pp. 36-37</li> <li>2-8 Problem Solving: Use a Model—pp. 38-39</li> </ul> <p><b>Chapter 3: 3-2 through 3-6</b></p> <ul style="list-style-type: none"> <li>3-2 Relate Addition and Subtraction—pp. 48-49</li> <li>3-3 Subtract with Partial Differences—pp. 50-51</li> <li>3-4 Subtract Three-Digit Numbers—pp. 54-55</li> <li>3-5 Subtract Across Zeros—pp. 56-57</li> <li>3-6 Problem Solving: Read and Understand—pp. 58-59</li> </ul>
<p><b>3.NBT.2.2</b> Multiply a one-digit whole number by a multiple of 10 in the range of 10-90, using concrete and pictorial models.</p>	<p><b>Chapter 6: 6-11</b></p> <ul style="list-style-type: none"> <li>6-11 Multiply by Multiples of 10—pp. 134-135</li> </ul>
<p><b>3.NBT.2.3</b> Assess the reasonableness of answers using mental computation and estimation strategies.</p>	<p><b>Chapter 2: 2-3</b></p> <ul style="list-style-type: none"> <li>2-3 Estimate Sums—pp. 26-27</li> <li>2-5 Use Place Value to Add: Regroup Once—pp. 32-33 (check reasonableness of answer)</li> <li>2-6 Use Place Value to Add: Regroup Twice—pp. 34-35 (check reasonableness of answer)</li> <li>2-7 Add with Three or More Addends—pp. 36-37 (check reasonableness of answer)</li> </ul> <p><b>Chapter 3: 3-1</b></p> <ul style="list-style-type: none"> <li>3-1 Estimate Differences—pp. 46-47</li> <li>3-4 Subtract Three-Digit Numbers—pp. 54-55 (check reasonableness of answer)</li> </ul>

## NUMBER AND OPERATIONS—FRACTIONS

3 <sup>rd</sup> Grade Content Standards	<i>Sadlier Math, Grade 3</i>
<b>Achievement Standard: 3.NF.1 Understand fractions as numbers.</b>	
<p><b>3.NF.1.1</b> Understand fractions with denominators of 2,3,4,6, and 8 as quantities formed when a whole is divided into equal parts.</p>	<p><b>Chapter 10: 10-1</b></p> <ul style="list-style-type: none"> <li>10-1 Whole Numbers and Fractions—pp. 210-211</li> </ul>
<p><b>3.NF.1.2</b> Understand and represent a fraction as a number on a number line.</p>	<p><b>Chapter 10: 10-3</b></p> <ul style="list-style-type: none"> <li>10-3 Find Equivalent Fractions on a Number Line—pp. 214-215</li> </ul>

## NUMBER AND OPERATIONS—FRACTIONS

3 <sup>rd</sup> Grade Content Standards	Sadlier Math, Grade 3
<p><b>3.NF.1.3</b> Explain equivalence of fractions by area and length models.</p> <ul style="list-style-type: none"> <li>• Understand two fractions as equivalent (equal) if they are the same size, or the same point on a number line.</li> <li>• Recognize and generate simple equivalent fractions using halves, fourths, and eighths; thirds and sixths.</li> <li>• Explain that a fraction with the same numerator and denominator equal one.</li> <li>• Express whole numbers as fractions, and recognize fractions that are equivalent to whole numbers.</li> </ul>	<p><b>Chapter 10: 10-2 &amp; 10-3</b></p> <ul style="list-style-type: none"> <li>• 10-2 Find Equivalent Fractions—pp. 212-213</li> <li>• 10-3 Find Equivalent Fractions on a Number Line—pp. 214-215</li> </ul>
<p><b>3.NF.1.4</b> Compare two fractions with the same numerator or the same denominator:</p> <ul style="list-style-type: none"> <li>• Reason about their size</li> <li>• Use area and length models</li> <li>• Use the <math>&gt;</math>, <math>&lt;</math> and <math>=</math> symbols</li> </ul>	<p><b>Chapter 10: 10-4 through 10-6</b></p> <ul style="list-style-type: none"> <li>• 10-4 Compare Fractions with the Same Denominator—pp. 218-219</li> <li>• 10-5 Compare Fractions with the Same Numerator—pp. 220-221</li> <li>• 10-6 Order Fractions—pp. 222-223</li> </ul>

## MEASUREMENT AND DATA

3 <sup>rd</sup> Grade Content Standards	Sadlier Math, Grade 3
<p><b>Achievement Standard: 3.MD.1 Solve problems involving measurement.</b></p>	
<p><b>3.MD.1.1</b> Tell and write time to the nearest minute and measure time intervals in minutes. Solve word problems involving addition and subtraction of time within the same hour.</p>	<p><b>Chapter 13: 13-1 through 13-5</b></p> <ul style="list-style-type: none"> <li>• 13-1 Tell Time to the Minute—pp. 276-277</li> <li>• 13-2 Measure Elapsed Time—pp. 278-279</li> <li>• 13-3 Find Start and End Times—pp. 282-283</li> <li>• 13-4 Operations with Time—pp. 284-285</li> <li>• 13-5 Problem Solving: Use Logical Reasoning—pp. 286-287</li> </ul>
<p><b>3.MD.1.2</b> Determine the value of sets of coins to \$5.00. Estimate and compute the cost of items up to \$10.</p> <ul style="list-style-type: none"> <li>• Create equivalent amounts of money with different coins.</li> <li>• Make change up to \$10.</li> </ul>	<p>See Grade 2</p> <p><b>Chapter 12: 12-1 through 12-8</b></p> <ul style="list-style-type: none"> <li>• 12-1 Pennies, Nickels, and Dimes—pp. 497-500 (¢)</li> <li>• 12-2 Quarters—pp. 501-504 (¢)</li> <li>• 12-3 Equal Amounts—pp. 505-508 (¢)</li> <li>• 12-4 Compare Money—pp. 509-512 (¢)</li> <li>• 12-5 Make Change—pp. 513-516 (¢)</li> <li>• 12-6 Add and Subtract Money—pp. 517-520 (¢)</li> <li>• 12-7 One Dollar—pp. 521-524 (¢ and \$)</li> <li>• 12-8 Paper Money—pp. 525-528 (\$)</li> </ul>

**MEASUREMENT AND DATA**

3 <sup>rd</sup> Grade Content Standards	Sadlier Math, Grade 3
<p><b>3.MD.1.3</b> Use customary and metric measurement to solve problems.</p> <ul style="list-style-type: none"> <li>Estimate and measure length/distance, in customary and metric units: quarter inch, half-inch, feet and yards, meters (cm, m, km).</li> <li>Estimate and measure capacity/volume in customary and metric units: cups, pints, quarts, gallons and, liters (ml, l).</li> <li>Estimate and measure weight/mass in customary and metric units: ounces and pounds, grams (g, kg).</li> </ul>	<p><b>Chapter 11: 11-1, 11-2 &amp; 11-4</b></p> <ul style="list-style-type: none"> <li>11-1 Measure Length—pp. 232-233 (quarter and half inch)</li> <li>11-2 Estimate and Measure Liquid Volume—pp. 234-235 (liter)</li> <li>11-4 Estimate and Measure Mass—pp. 240-241 (gram, kilogram)</li> </ul> <p>See also Grade 4</p> <p><b>Chapter 14: 14-1 through 14-4, 14-6 through 14-8</b></p> <ul style="list-style-type: none"> <li>14-1 Measure with Inches—pp. 296-297</li> <li>14-2 Customary Units of Length—pp. 298-299</li> <li>14-3 Customary Units of Capacity—pp. 300-301</li> <li>14-4 Customary Units of Weight—pp. 302-303</li> <li>14-6 Metric Units of Length—pp. 308-311</li> <li>14-7 Metric Units of Capacity—pp. 310-313</li> <li>14-8 Metric Units of Mass—pp. 312-313</li> </ul>
<p><b>3.MD.1.4</b> Add, subtract, multiply or divide to solve one-step word problems involving measurement of length, capacity and weight.</p>	<p><b>Chapter 11: 11-3, 11-5 &amp; 11-6</b></p> <ul style="list-style-type: none"> <li>11-3 Operations with Liquid Volume—pp. 236-237</li> <li>11-5 Operations with Mass—pp. 242-243</li> <li>11-6 Problem Solving: Write an Equation—pp. 244-245</li> </ul> <p>See also Grade 4</p> <p><b>Chapter 14: 14-5 &amp; 14-9</b></p> <ul style="list-style-type: none"> <li>14-5 Operations with Customary Units—pp. 304-305</li> <li>14-9 Operations with Metric Units—pp. 314-315</li> </ul>
<p><b>Achievement Standard: 3.MD.2 Represent and interpret data.</b></p>	
<p><b>3.MD.2.1</b> Draw and interpret picture and bar graphs</p> <ul style="list-style-type: none"> <li>Collect and display data up to four categories using graphs with axes.</li> <li>Solve one and two-step word problems using information from graphs.</li> </ul>	<p><b>Chapter 12: 12-1 through 12-4</b></p> <ul style="list-style-type: none"> <li>12-1 Read Picture Graphs—pp. 252-253</li> <li>12-2 Make Picture Graphs—pp. 254-255</li> <li>12-3 Read Bar Graphs—pp. 256-257</li> <li>12-4 Make Bar Graphs—pp. 258-259</li> </ul> <p>See also related content</p> <p><b>Chapter 12: 12</b></p> <ul style="list-style-type: none"> <li>12-7 Read Line Plots—pp. 266-267</li> <li>12-8 Make Line Plots—pp. 268-269</li> </ul>
<p><b>Achievement Standard: 3.MD.3 Determine probability.</b></p>	
<p><b>3.MD.3.1</b> Conduct and summarize simple probability experiments and their outcome. Use results to predict future outcomes.</p>	<p>See Grade 6</p> <p><b>Chapter 18: 18-1 through 18-3, 18-5</b></p> <ul style="list-style-type: none"> <li>18-1 Populations and Samples—online</li> <li>18-2 Drawing Conclusions from Samples—online</li> <li>18-3 Probability and Likelihood—online</li> <li>18-5 Relative Frequency and Experimental Probability—online</li> </ul>

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## MEASUREMENT AND DATA

### 3<sup>rd</sup> Grade Content Standards

### Sadlier Math, Grade 3

#### Achievement Standard: 3.MD.4 Understand the concept of area.

**3.MD.4.1** Recognize area as an attribute of a plane figure.

**Chapter 15: 15-1**

- 15-1 Understand Area—pp. 312–313

**3.MD.4.2** Find the area of rectangle with whole numbers by counting unit squares.

**Chapter 15: 15-2**

- 15-2 Find Area Using Standard Units—pp. 314–315

**3.MD.4.3** Relate area to the operations of multiplication and addition.

- Find the area of a rectangle with whole-number side lengths by tiling, then show the area is the same when multiplying the side lengths.
- Solve real world mathematical problems and represent products of side lengths (area) as square units.
- Use tiles and/or arrays to illustrate and explain that the area of a rectangle can be found by partitioning it into two smaller rectangles, and that the area of the large rectangle is the sum of the two smaller rectangles.

**Chapter 15: 15-2 through 15-6**

- 15-2 Find Area Using Standard Units—pp. 314–315
- 15-3 Find the Area of a Rectangle and a Square—pp. 316–317
- 15-4 Find Area Using the Distributive Property—pp. 320–321
- 15-5 Find Area of Composite Shapes—pp. 322–323

#### Achievement Standard: 3.MD.5 Understand the concept of perimeter.

**3.MD.5.1** Recognize perimeter as an attribute of a plane figure and distinguish between perimeter and area.

**Chapter 16: 16-1**

- 16-1 Understand Perimeter—pp. 332–333

**3.MD.5.2** Solve problems involving perimeter of polygons, including finding the perimeter given the side lengths, and finding an unknown side length.

**Chapter 16: 16-2, 16-4 through 16-6**

- 16-2 Find Perimeter—pp. 334–335
- 16-4 Problem Solving: Compare Strategies—pp. 340–341
- 16-5 Same Perimeter, Different Areas—pp. 342–343
- 16-6 Same Area, Different Perimeters—pp. 344–345



<b>GEOMETRY</b>	
<b>3<sup>rd</sup> Grade Content Standards</b>	<b>Sadlier Math, Grade 3</b>
<b>Achievement Standard: 3.G.1 Reason with two and three-dimensional shapes and their attributes.</b>	
<b>3.G.1.1</b> Identify, describe, classify and compare polygons based on their attributes.	<b>Chapter 14: 14-1 through 14-3</b> • 14-1 Classify Polygons—pp. 294-295
<b>3.G.1.2</b> Recognize and model examples and non-examples of quadrilaterals including rhombuses, rectangles, squares, parallelograms, and trapezoids.	<b>Chapter 14: 14-1 through 14-3</b> • 14-1 Classify Polygons—pp. 294-295 • 14-2 Classify Quadrilaterals—pp. 296-297 • 14-3 Draw Quadrilaterals—pp. 298-299
<b>3.G.1.3</b> Identify and model symmetry and congruence with concrete materials and drawings.	See Grade 4 <b>Chapter 17: 17-4</b> • 17-4 Symmetry—pp. 376-377
<b>3.G.1.4</b> Identify attributes of 3-dimensional solid figures including the faces, edges and vertices of cubes, cylinders, cones, spheres, rectangular and triangular prisms and pyramids.	See Grade 2 <b>Chapter 13: 13-3 &amp; 13-4</b> • 13-3 Identify Three-Dimensional Shapes—pp. 565-568 • 13-4 Faces, Edges, Vertices—pp. 569-572

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