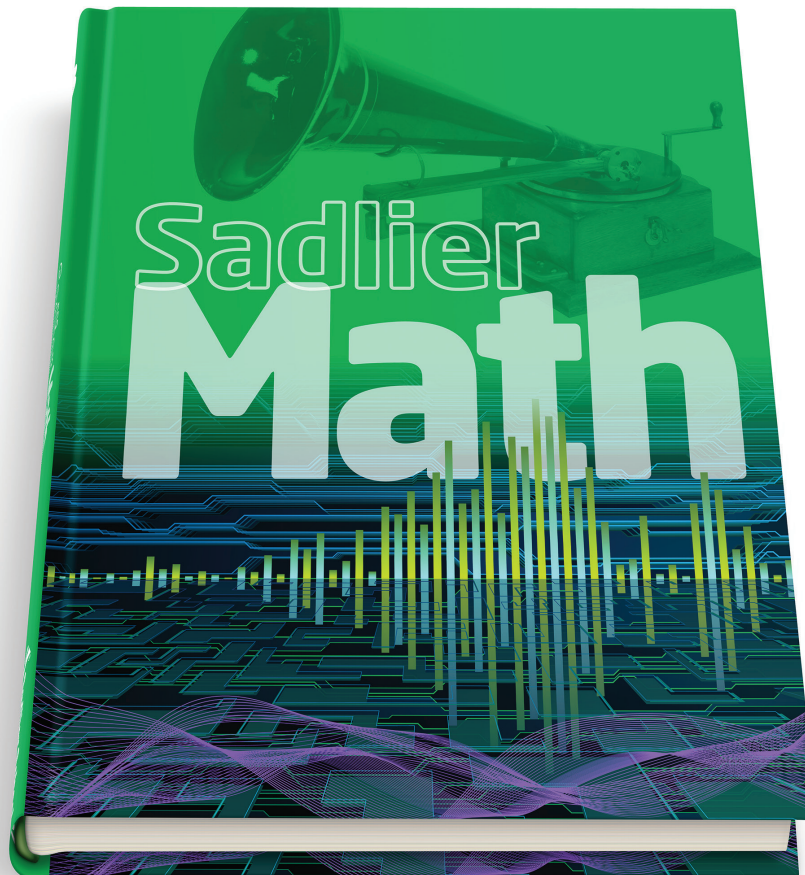


# **Sadlier Math™**

Correlation to the Pennsylvania Core Standards for Mathematics

**Grade 3**



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## 2.1 NUMBERS AND OPERATIONS

Grade 3 Content Standards	Sadlier Math, Grade 3
<b>(B) Numbers and Operations in Base Ten</b>	
<b>CC.2.1.3.B.1</b> Apply place-value understanding and properties of operations to perform multi-digit arithmetic.	<b>Chapter 1: 1-4 through 1-6</b> <b>Chapter 2: 2-1, 2-3 through 2-7</b> <b>Chapter 3: 3-1 through 3-6</b> <b>Chapter 6: 6-11</b>
<b>(C) Numbers and Operations—Fractions</b>	
<b>CC.2.1.3.C.1</b> Explore and develop an understanding of fractions as numbers.	<b>Chapter 9: 9-1 through 9-6</b> <b>Chapter 10: 10-1 through 10-6</b>

## 2.2 ALGEBRAIC CONCEPTS

Grade 3 Content Standards	Sadlier Math, Grade 3
<b>(A) Operations and Algebraic Thinking</b>	
<b>CC.2.2.3.A.1</b> Represent and solve problems involving multiplication and division.	<b>Chapter 4: 4-1 through 4-7</b> <b>Chapter 5: 5-1 through 5-5, 5-7 &amp; 5-8</b> <b>Chapter 6: 6-1 through 6-9</b> <b>Chapter 7: 7-1 through 7-6</b> <b>Chapter 8: 8-1 through 8-8</b>
<b>CC.2.2.3.A.2</b> Understand properties of multiplication and the relationship between multiplication and division.	<b>Chapter 4: 4-4</b> <b>Chapter 5: 5-4</b> <b>Chapter 6: 6-1 through 6-9</b> <b>Chapter 7: 7-1 through 7-6</b> <b>Chapter 8: 8-1 through 8-8</b>
<b>CC.2.2.3.A.3</b> Demonstrate multiplication and division fluency.	<b>Chapter 5: 5-1 through 5-7</b> <b>Chapter 6: 6-1 through 6-11</b> <b>Chapter 7: 7-1 through 7-5</b> <b>Chapter 8: 8-1 through 8-9</b>
<b>CC.2.2.3.A.4</b> Solve problems involving the four operations, and identify and explain patterns in arithmetic.	<b>Chapter 2: 2-2 &amp; 2-8</b> <b>Chapter 5: 5-5 &amp; 5-6</b> <b>Chapter 6: 6-8 &amp; 6-10</b> <b>Chapter 8: 8-6</b>

## 2.3 GEOMETRY

Grade 3 Content Standards	Sadlier Math, Grade 3
<b>(A) Geometry</b>	
<b>CC.2.3.3.A.1</b> Identify, compare, and classify shapes and their attributes.	<b>Chapter 14: 14-1 through 14-3</b>
<b>CC.2.3.3.A.2</b> Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.	<b>Chapter 9: 9-1</b> <b>Chapter 15: 15-2</b>

## 2.4 MEASUREMENT, DATA, AND PROBABILITY

Grade 3 Content Standards	Sadlier Math, Grade 3
<b>(A) Measurement and Data</b>	
<b>CC.2.4.3.A.1</b> Solve problems involving measurement and estimation of temperature, liquid volume, mass, and length.	<b>Chapter 11: 11-2 through 11-5</b>
<b>CC.2.4.3.A.2</b> Tell and write time to the nearest minute and solve problems by calculating time intervals.	<b>Chapter 13: 13-1 through 13-4</b>
<b>CC.2.4.3.A.3</b> Solve problems and make change involving money using a combination of coins and bills.	<b>Chapter 2: 2-4 &amp; 2-5</b> <b>Chapter 3: 3-1</b> <b>Chapter 2: Enrichment</b> <b>Chapter 3: Enrichment</b>
<b>CC.2.4.3.A.4</b> Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.	<b>Chapter 12: 12-1 through 12-8</b>
<b>CC.2.4.3.A.5</b> Determine the area of a rectangle and apply the concept to multiplication and to addition.	<b>Chapter 15: 15-1 through 15-5</b>
<b>CC.2.4.3.A.6</b> Solve problems involving perimeters of polygons and distinguish between linear and area measures.	<b>Chapter 16: 16-1 through 16-6</b>