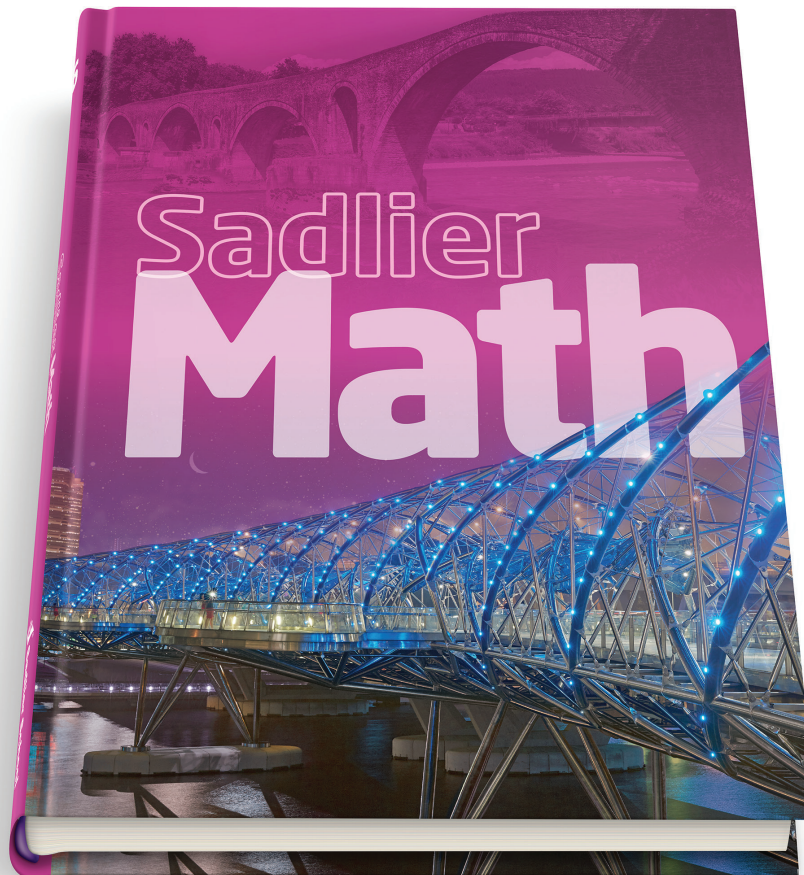


Sadlier Math[™]

Correlation to the Pennsylvania Core Standards for Mathematics

Grade 6



Learn more at www.SadlierSchool.com/SadlierMath

2.1 NUMBERS AND OPERATIONS

Grade 6 Content Standards	Sadlier Math, Grade 6
(D) Ratios and Proportional Relationships	
CC.2.1.6.C.1 Understand ratio concepts and use ratio reasoning to solve problems.	Chapter 10: 10-1 through 10-9 Chapter 11: 11-1 through 11-10 Chapter 12: 12-1 through 12-4
(E) The Number System	
CC.2.1.6.E.1 Apply and extend previous understandings of multiplication and division to divide fractions by fractions.	Chapter 8: 8-3 through 8-11
CC.2.1.6.E.2 Identify and choose appropriate processes to compute fluently with multi-digit numbers.	Chapter 1: 1-1 through 1-3 Chapter 2: 2-1 through 2-3 Chapter 3: 3-1 through 3-7
CC.2.1.6.E.3 Develop and/or apply number theory concepts to find common factors and multiples.	Chapter 6: 6-1 through 6-4
CC.2.1.6.E.4 Apply and extend previous understandings of numbers to the system of rational numbers.	Chapter 9: 9-1 through 9-11

2.2 ALGEBRAIC CONCEPTS

Grade 6 Content Standards	Sadlier Math, Grade 6
(B) Expressions and Equations	
CC.2.2.6.B.1 Apply and extend previous understandings of arithmetic to algebraic expressions.	Chapter 1: 1-4 Chapter 2: 2-1, 2-4 & 2-5 Chapter 3: 3-8 & 3-9 Chapter 4: 4-1 through 4-9 Chapter 5: 5-1 through 5-9 Chapter 7: 7-5 Chapter 8: 8-10

2.2 ALGEBRAIC CONCEPTS

Grade 6 Content Standards	Sadlier Math, Grade 6
CC.2.2.6.B.2 Understand the process of solving a one-variable equation or inequality and apply to real-world and mathematical problems.	Chapter 4: 4-4 Chapter 5: 5-1 through 5-9 Chapter 7: 7-6 Chapter 8: 8-11
CC.2.2.6.B.3 Represent and analyze quantitative relationships between dependent and independent variables..	Chapter 13: 13-1 through 13-4

2.3 GEOMETRY

Grade 6 Content Standards	Sadlier Math, Grade 6
(A) Geometry	
CC.2.3.6.A.1 Apply appropriate tools to solve real-world and mathematical problems involving area, surface area, and volume.	Chapter 9: 9-10 & 9-11 Chapter 14: 14-1 through 14-3, 14-5 & 14-6 Chapter 15: 15-1 through 15-6

2.4 MEASUREMENT, DATA, AND PROBABILITY

Grade 6 Content Standards	Sadlier Math, Grade 6
(B) Statistics and Probability	
CC.2.4.6.B.1 Demonstrate an understanding of statistical variability by displaying, analyzing, and summarizing distributions.	Chapter 16: 16-1 through 16-5 Chapter 17: 17-1 through 17-4