

# Math Mammoth Grade 6-A (2022 ed.)

## Alignment to the Common Core Standards

The table below lists each lesson in the student worktext 6-A, and next to it the relevant Common Core Standard (CCS).

### Math Mammoth Grade 6-A

#### Chapter 1: Review of the Basic Operations

Lesson	page	Standards
Warm Up: Mental Math	13	6.EE.7
Review of the Four Operations 1	15	6.NS.2
Review of the Four Operations 2	21	6.NS.2 6.NS.3 6.RP.3
Powers and Exponents	24	6.EE.1
Place Value	27	6.EE.1
Rounding and Estimating	31	4.NBT.3
Lessons in Problem Solving	34	6.NS.3
Chapter 1 Mixed Review	38	5.NF.1
Chapter 1 Review	40	6.EE.1 6.NS.2 6.NS.3

#### Chapter 2: Expressions and Equations

Lesson	page	Standards
The Order of Operations	45	6.EE.1 6.EE.2
Expressions, Part 1	47	6.EE.1 6.EE.2
Terminology for the Four Operations	49	6.EE.2 6.EE.7
Words and Expressions	51	6.EE.2 6.EE.6
Expressions, Part 2	53	6.EE.2 6.EE.4 6.EE.6

#### Chapter 2: Expressions and Equations

Lesson	page	Standards
Writing and Simplifying Expressions 1: Length and Perimeter	55	6.EE.2 6.EE.3 6.EE.6
More on Writing and Simplifying Expressions	58	6.EE.2 6.EE.3 6.EE.4 6.EE.6
Writing and Simplifying Expressions 2: Area	61	6.EE.2 6.EE.3 6.EE.6
Multiplying and Dividing in Parts	66	6.EE.3
The Distributive Property	70	6.EE.3
Equations	74	6.EE.2 6.EE.5 6.EE.7
Solving Equations	76	6.EE.3 6.EE.7
Writing Equations	80	6.EE.2 6.EE.3 6.EE.7
Inequalities	82	6.EE.8
Using Two Variables	86	6.EE.9
Chapter 2 Mixed Review	90	5.NF.6 6.NS.2 6.EE.1 6.EE.2
Chapter 2 Review	92	6.EE.1 6.EE.2 6.EE.3 6.EE.4 6.EE.5 6.EE.6 6.EE.7 6.EE.8 6.EE.9

## Chapter 3: Decimals

Lesson	page	Standards
Place Value with Decimals	99	
Comparing Decimals	101	
Add and Subtract Decimals	103	6.NS.3 6.EE.2
Rounding Decimals	105	
Review: Multiply and Divide Decimals Mentally	108	5.NBT.7
Review: Multiply Decimals by Decimals	110	6.NS.3 6.EE.2 6.EE.7
Review: Long Division with Decimals	113	6.NS.3
Problem Solving with Decimals	115	6.RP.3 6.NS.3
Fractions and Decimals	117	
Multiply and Divide by Powers of Ten	120	6.NS.3
Review: Divide Decimals by Decimals	122	6.NS.3 6.EE.7
Divide Decimals by Decimals 2	125	6.NS.3 6.EE.2 6.EE.7
Convert Customary Measuring Units	127	5.MD.1
Convert Metric Measuring Units	131	5.MD.1
Convert Between Customary and Metric	134	
Chapter 3 Mixed Review	136	6.NS.2 6.EE.2 6.EE.3 6.EE.5 6.EE.8
Chapter 3 Review	138	6.NS.3 6.EE.1 6.EE.2 6.EE.7

## Chapter 4: Ratios

Lesson	page	Standards
Ratios and Rates	145	6.RP.1 6.RP.3
Unit Rates	149	6.RP.2 6.RP.3
Using Equivalent Rates .	151	6.RP.3 6.EE.9
Ratio Problems and Bar Models 1	155	6.RP.3
Ratio Problems and Bar Models 2	158	6.RP.3
Aspect Ratio	161	6.RP.3
Using Rates to Convert Measuring Units	163	6.RP.3
Chapter 4 Mixed Review	167	6.NS.3 6.EE.1 6.EE.2 6.EE.9
Chapter 4 Review	169	6.RP.1 6.RP.2 6.RP.3

## Chapter 5: Percent

Lesson	page	Standards
Percent	173	
What Percentage . . . ?	177	
Percentage of a Number (Mental Math)	179	6.RP.3
Percentage of a Number: Using Decimals	182	6.RP.3
Discounts	185	6.RP.3 7.RP.3
Practice with Percent	187	6.RP.3
Finding the Total When the Percent Is Known	190	6.RP.3
Chapter 5 Mixed Review	192	6.NS.2 6.NS.3 6.EE.2 6.EE.3 6.EE.7 6.RP.3
Review: Percent	194	6.RP.3