

Math Mammoth Grade 6-A 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.

Chapter 1: Review of the Basic Operations

Lesson	page	Standards
Warm Up: Mental Math	9	6.EE.7
Review of the Four Operations 1	11	6.NS.2
Review of the Four Operations 2	17	6.NS.2 6.NS.3 6.RP.3
Powers and Exponents	20	6.EE.1
Place Value	23	6.EE.1
Rounding and Estimating	27	
Lessons in Problem Solving	30	6.NS.3
Chapter 1 Review	34	6.EE.1 6.NS.2 6.NS.3

Chapter 2: Expressions and Equations

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The Order of Operations	43	6.EE.1 6.EE.2
Multiplying and Dividing in Parts	46	6.EE.3
Expressions	50	6.EE.1 6.EE.2 6.EE.4
Writing and Simplifying Expressions 1: Length and Perimeter	53	6.EE.2 6.EE.3
More on Writing and Simplifying Expressions	56	6.EE.2 6.EE.3 6.EE.4
Writing and Simplifying Expressions 2: Area	59	6.EE.2 6.EE.3
The Distributive Property	64	6.EE.3
Equations	68	6.EE.2 6.EE.5 6.EE.7
More Equations	72	6.EE.3 6.EE.7
Inequalities	76	6.EE.8
Using Two Variables	80	6.EE.9
Mixed Review	84	6.NS.2 6.EE.1 6.EE.2
Chapter 2 Review	86	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

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Comparing Decimals	95	
Add and Subtract Decimals	97	6.NS.3 6.EE.2
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Review: Multiply and Divide Decimals Mentally	102	
Review: Multiply Decimals by Decimals	104	6.NS.3 6.EE.2 6.EE.7
Review: Long Division with Decimals	107	6.NS.3
Problem Solving with Decimals	109	6.RP.3 6.NS.3
Fractions and Decimals	111	
Multiply and Divide by Powers of Ten	114	6.NS.3
Review: Divide Decimals by Decimals	116	6.NS.3 6.EE.7
Divide Decimals by Decimals 2	119	6.NS.3 6.EE.2 6.EE.7
Convert Customary Measuring Units	121	
Convert Metric Measuring Units	125	
Convert Between Customary and Metric	128	
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Chapter 3 Review	132	6.NS.3 6.EE.1 6.EE.2 6.EE.7

Chapter 4: Ratios

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Using Equivalent Rates .	144	6.RP.3 6.EE.9
Ratio Problems and Bar Models 1	148	6.RP.3
Ratio Problems and Bar Models 2	151	6.RP.3
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Using Rates to Convert Measuring Units	156	6.RP.3
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Chapter 5: Percent

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Finding the Total When the Percent Is Known	184	6.RP.3
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Review: Percent	188	6.RP.3

