Math Mammoth Grade 7-A Alignment to the Common Core Standards

The table below lists each lesson in the student worktext 7-A, and next to it the relevant Common Core Standard. Some lessons in the curriculum are intended for review of 6th grade topics. In those cases, I have listed the relevant standards from 6th grade.

Chapter 1: The Language of Algebra

Note: The first two lessons are intended for review.

Lesson	page	Standards
The Order of Operations	11	6.EE1. 6.EE2. 6.EE.6
Expressions and Equations	15	6.EE.2 6.EE.5 6.EE.6
Properties of the Four Operations	18	7.EE.1
Simplifying Expressions	22	6.EE.2 7.EE.1 7.EE.4
Growing Patterns 1	26	7.EE.2 7.EE.3 7.EE.4
The Distributive Property	29	7.EE.1 7.EE.2 7.EE.3 7.EE.4
Chapter 1 Review	34	7.EE.1 7.EE.3

Chapter 2: Integers

Note: The first lesson is intended for review.

Lesson	page	Standards
Integers	41	6.NS.5 6.NS.6 6.NS.7
Addition and Subtraction on the Number Line	45	7.NS.1
Addition of Integers	49	7.NS.1 7.NS.3
Subtraction of Integers	52	7.NS.1 7.NS.3
Adding and Subtracting Many Integers	56	7.NS.1 7.NS.3
Distance and More Practice	58	7.NS.1 7.NS.3
Multiplying Integers	62	7.NS.2 7.NS.3
Dividing Integers	67	7.NS.2 7.NS.3
Negative Fractions	69	7.NS.2 7.NS.3
The Order of Operations	73	7.NS.1 7.NS.2 7.NS.3
Chapter 2 Mixed Review	75	7.EE.1
Chapter 2 Review	77	7.NS.1 7.NS.2 7.NS.3

Chapter 3: Solving One-Step Equations

Note: The first lesson is intended for review.

Chapter 4: Rational Numbers

Chapter 5: Equations and Inequalities

Note: This chapter includes topics that exceed the CCS for 7th grade but that are traditionally included in pre-algebra courses, namely the topics of combining like terms and using the distributive property to solve linear equations, graphing, and slope.