



**Rising Math 7 Summer Math Review:**

All rising 7th grade students who will be taking Math 7 will complete **two items** for summer work this year: a **Summer Math Journal** AND a **Math Poster**.

Details for both assignments are below. Both assignments will be **due on Tuesday, August 27th**. Students will receive credit for their work in Trimester 1.

**1) Summer Math Journal**

- All Students should purchase the "[Everything You Need to Ace MATH in One Big Fat Notebook](#)," to complete practice work. Many students already have this book as a resource in 6th grade.
- Journals will be prepared at home this summer using chapters from this book:
  - You will use either a One Subject Notebook OR Composition Notebook (your choice) to keep track of your work as you complete the following skills.
  - **Label each section in your notebook with the chapter number and title.**  
*Example:* Chapter 2: Positive and Negative Numbers
  - Even though answers are provided to make sure you've completed the work correctly, you should show all of your work.
  - Feel free to add any notes, drawings, or other helpful tools, as needed. This journal will be an excellent tool at the start of the year.

**"Everything You Need to Ace MATH in One Big Fat Notebook"**

Chapter #	Title	Check Your Knowledge
2	Positive and Negative Numbers	Page 17, #1-10
3	Absolute Value	Page 23, #1-10
6	Fraction Basics: Types of Fractions, and Adding and Subtracting Fractions	Page 47, #1-10
7	Multiplying and Dividing Fractions	Page 51, #1-10
8	Adding & Subtracting Decimals	Page 55, #1-10

9	Multiplying Decimals	Page 59, #1-10
10	Dividing Decimals	Page 63, #1-10
11	Adding Positive and Negative Numbers	Page 69, #1-10
12	Subtracting Positive and Negative Numbers	Page 73, #1-10
13	Multiplying & Dividing Positive and Negative Numbers	Page 77, #1-10
14	Inequalities	Page 83, #1-10
15	Ratios	Page 89, #1-10
16	Unit Rate and Unit Price	Page 93, #1-10
27	Expressions	Page 170-71, #1-10
29	Like Terms	Page 187, #1-10
31	Order of Operations	Page 200-201, #1-10
36	Solving for Variables	Page 229, #1-10
42	Quadrilaterals and Area	Page 284-85, #1-10
43	Triangles and Area	Page 292-93, #1-10
45	Circles and Circumference	Page 306-7, #1-10
52	Measures of Central Tendency and Variation	Page 373, #1-2

## 2) Create a “One-Pager” Poster (11x14 or Larger):

- Artistically Illustrate ONE of the following Math Concepts on your Poster:
  - **INTEGER RULES** (All 4 Operations)
  - **FRACTION OPERATION STEPS** (All 4 Operations)
  - Be sure to include plenty of images and color to demonstrate your rules.
- Include a Math border on your poster - related to the subject.
  - You can draw this or add 3D art for another dimension.
- Outline in Sharpie or dark markers, and make it colorful!
  - Hint: use a pencil to outline FIRST, and then go over with markers.
- Posters will be displayed the first week back to school.

## RESOURCES FOR ALL STUDENTS (if you need a refresher):

- Math Antics are the BEST Middle School Videos! ([Mathantics.com](http://Mathantics.com))
- IXL Lessons ([ixl.com](http://ixl.com))
- Khan Academy ([khanacademy.com](http://khanacademy.com))
- Math Is Fun ([mathsisfun.com](http://mathsisfun.com))
- “Everything You Need to Ace Math in One Big Fat Notebook” ([Amazon.com](http://Amazon.com))