

Name _____

Date _____

Class _____

Rising Sixth Grade Summer Math Practice

Dear Parents,

Children can forget two months worth of knowledge over the summer if skills go unpracticed. When students maintain consistent practice over the summer months, students do not require as much review and can perform basic skills with ease when entering the next grade level.

Refer to the list below for the skills that your child needs to practice. The summer math practice guidelines are to practice math for 30 minutes a week. Please be sure that your child practices these skills on IXL.com for his or her required summer math work. Students should do a little practice each week to maintain these vital skills. This will help set your child up for success in math as he or she enters sixth grade. Students can enter dates on the template below to keep track of their work.

Sixth graders also have a math blog to continue interacting with their new teacher and peers over the summer. This continues their work from their math journals this year and sets them up for success as journaling and tasks continue next year.

Have a great summer, and we look forward to seeing you in August!

Ms. Liezl Prather and Ms. Jessica Barksdale

6th Grade Prerequisite Skills and Knowledge

I Can Statements

Rising fifth grade students can use this list to ensure they are ready to enter sixth grade math. Students can use their iXL template to review these topics over the summer.

- Add, subtract, and multiply fractions and whole numbers
- Add, subtract, multiply decimals
- Calculate mean, median, mode, and range of a set of data
- Read and analyze data in bar graphs, line plots, and circle graphs using fractions
- Use the distributive property
- Use order of operations to simplify numerical expressions
- Convert decimals to fractions (and vice versa)
- Writing equations and expressions for word problems using a variable
- Graphing in quadrant 1 of the coordinate plane

iXL Template Rising Sixth Graders

Week	Content	iXL Exercises (All 6th grade unless otherwise noted)	Date of Practice (Only date; time and activities monitored by teacher online)		
Week of May 29th	Adding and Subtracting Fractions	J.1, J.3, J.6			
Week of June 5th	Multiplying Fractions	K.1, K.2, K.6, K.10			
Week of June 12th	Adding and Subtracting Decimals	G.1, G.2			
Week of June 19th	Multiplying Decimals	H.1, H.2			
Week of June 26th	Order of Operations and Distributive Property	O.6, O.9, O.11 **4th Grade - D.10, D.11			
Week of July 3rd	Graphing and the Coordinate Plane	X.1			
Week of July 10th	Equivalent Decimals and Fractions	I.4, I.9, I.10			
Week of July 17th	Basics of Expressions	Y.1, Y.2, Y.3			
Week of July 24th	Basics of Equations	Z.1, Z.2, Z.3			
Week of July 31st	Data Analysis	HH.1, GG.3, GG.7, GG.14			
Week of Aug 7th	Area and Perimeter	FF.1, FF.2, FF.3, FF.6			
Week of Aug 14th	Fraction Review	I.4, I.6, I.7, I.11			