

PHCS Summer Math Work – Rising 6th PreAlgebra



Dear Parents & Students:

Summer is a time to relax, spend time with family, and hopefully explore new places. We want all students to have a fun filled engaging summer. In addition to the fun, we want to help students continue to think and problem solve through the summer. On average students lose approximately 2.6 months of grade-level equivalency in mathematical computation skills during the summer months. This is the reason we are asking all students to participate in the Summer Math Work Challenge. The challenge is broken down into five weeks. While students may complete skills during any week in the summer, we ask that skills are spread out rather than waiting until right before coming back to school. The purpose of the summer work challenge is to prepare students for next year's math course.

Each teacher carefully chose 20 IXL skills to refresh and prepare for the next level of mathematics. All 20 skills should be completed prior to the first day of the 2023-2024 school year. Summer Work is required and will count for an accountability grade first quarter. Not completing the Summer Math Work Challenge may also affect math placement for the 2023-2024 school year. Let's keep our skills sharp. Have a great summer!

	Skill	IXL	Date Completed
Week 1			
1	Place Value	83P	
2	Add, Subtract, Multiply and Divide Whole Numbers	WEX	
3	Area of Squares and Rectangles	E6B	
4	Objects on A Coordinate Plane	NTR	
5	Complete a Table for a Two Variable Relationship	NEK	
6	Evaluate Numerical Expressions	Z5N	
7	Evaluate Variable Expressions	CTJ	
8	Graph Points on a Coordinate Plane	AST	
9	Write Variable Expressions	UZZ	
10	Convert between Improper fractions and mixed numbers	B7X	
11	Write a Two Variable Equation	GX2	
12	Graph Points From a Table	HWV	
13	Read a Table	K5P	
14	Add, Subtract, Multiply and Divide Fractions	VFX	
15	Identify Mistakes in Order of Operations	JLJ	
16	Use a Rule to Complete a Table and a Graph	N9B	
17	Add, Subtract, Multiply and Divide Decimals	NZG	
18	Evaluate Numerical Expressions with Parentheses in Different Places	9F5	
19	Simplify Fractions	A76	
20	Analyze Graphed Relationships	SMY	