

St. Paul's Episcopal School
6th Grade Summer Math Work
2024 - 2025 School Year

- **You will use your IXL account from the previous school year to complete these assignments.** You have been grouped into a class called “Rising 6th Grade” and I have assigned you these 11 assignments via that group. You SHOULD see these assignments assigned to you, but, if you do not, you can always search the names of these lessons in the search bar in IXL.

- This will be graded as an assessment grade at the beginning of the school year. **You must complete EACH assignment to 90% (score) OR for 15 minutes (regardless of score) if you are struggling.** Do not worry about getting things wrong! You can have a low score and still get 100% on this assignment if you try. Remember: The most important thing in math is effort and an open mind. Eventually, you will get it if you have the right help (even if it takes years to get there)!

- I recommend keeping scratch paper, a pencil, and a calculator nearby to help you with these assignments. You should always work out problems on scratch paper when you're doing online computer work.

- **These 11 assignments are REQUIRED:**
 - Understanding exponents: powers of 10
 - Multiply a whole number by a power of ten: with exponents
 - Evaluate numerical expressions with parentheses
 - Multi-step word problems
 - Add fractions with unlike denominators using models
 - Subtract fractions with unlike denominators using models
 - Multiply two fractions
 - Convert decimals to fractions and mixed numbers

- Graph points on a coordinate plane
 - Write a ratio
 - Convert fractions to percents using grid models
- You must also choose FIVE (5) assignments in IXL at the fourth-grade level OR HIGHER that you would like to complete. Please write the names of these assignments here:

- _____
- _____
- _____
- _____
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