

St. Paul's Episcopal School
6th Grade Summer Math Work
2026 - 2027 School Year

- **You will use your IXL account from the previous school year to complete these assignments.** You can search the names of these lessons in the search bar in IXL or follow the links here/in Google Classroom!

- 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 (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. **Work out problems on scratch paper. Turn in this paper and the scratch paper on the first day of school. You may not be able to show work for all lessons, so just do your best!** Use a calculator to check your work as needed.

These 11 (5th-grade level) assignments are REQUIRED:

- Understanding exponents: powers of 10 -
<https://www.ixl.com/math/grade-5/understanding-powers-of-ten?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi>

- Multiply a whole number by a power of ten: with exponents -
<https://www.ixl.com/math/grade-5/multiply-a-whole-number-by-a-power-of-ten?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi>

- Evaluate numerical expressions with parentheses -
<https://www.ixl.com/math/grade-5/evaluate-numerical-expressions-with-parentheses>

- Multi-step word problems -
<https://www.ixl.com/math/grade-5/multi-step-word-problems?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi>
- Add fractions with unlike denominators using models -
<https://www.ixl.com/math/grade-5/add-fractions-with-unlike-denominators-using-models?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi>
- Subtract fractions with unlike denominators using models -
<https://www.ixl.com/math/grade-5/subtract-fractions-with-unlike-denominators-using-models?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi>
- Multiply two fractions -
<https://www.ixl.com/math/grade-5/multiply-two-fractions?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi>
- Convert decimals to fractions and mixed numbers -
<https://www.ixl.com/math/grade-4/convert-decimals-to-fractions-and-mixed-numbers?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi>
- Graph points on a coordinate plane -
<https://www.ixl.com/math/grade-5/graph-points-on-a-coordinate-plane?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi>
- Write a ratio -
<https://www.ixl.com/math/grade-6/write-a-ratio?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi>
- Convert fractions to percents using grid models -
<https://www.ixl.com/math/grade-6/convert-fractions-to-percents-using-grid-models?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi>

