St. Paul's Episcopal School
8th Grade Summer Math Work
(for students entering 8th Grade Pre-Algebra)
2024 - 2025 School Year

- **You will use your IXL account from the previous school year to complete these assignments.** You are already grouped into a class called "7th Grade" for the remainder of the summer. I have assigned you these 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 IXL.
    - **You will also see assignments that are for the students entering Algebra 1. You DO NOT have to do any lesson assigned that is not on this list so pay close attention!!!**

- 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. You should always work out problems on scratch paper when you're doing online computer work.

- **These 13 assignments are REQUIRED:**
    - C.2 Compare and order decimals
    - F.6 Compare and order fractions
    - O.8 Put integers in order
    - P.17 Evaluate numerical expressions involving integers

- ○ R.3 Graph points on a coordinate plane
- ○ R.2 Objects on a coordinate plane
- ○ L. Add and subtract fractions with unlike denominators
- ○ G.8 Multiply fractions
- ○ M.7 Divide fractions
- ○ J.1 Understanding exponents
- ○ K.1 Square roots of perfect squares
- ○ AA.18 Solve one-step equations involving integers
- ○ T.9 Solve two-step equations

- You must also **choose FIVE (5) assignments in IXL <u>you have not done before</u> that are at the fifth-grade level OR HIGHER** that you would like to complete. Please write the names of these assignments here:
  - ○ _____
  - ○ _____
  - ○ _____
  - ○ _____
  - ○ _____