

## 2022 Summer Math Work (Rising 8<sup>th</sup> Grade)

**Due: First day of school**

- Continue to practice these skills:
  - **Integers** (adding, subtracting, multiplying, and dividing)
  - **Factors and fractions**
  - **Ratios & proportions**
  - **Solving equations and inequalities**
  - **Linear equations and graphing on the coordinate plane**
  - **Number sense** (continue to work on those multiplication and division facts)
- Sign the form at the bottom before returning to school.

Directions: Please read over the requirements, and practice your math facts and skills often. Resources:

- Big Ideas (<https://www.bigideasmath.com/>)
- Khan Academy (<http://www.khanacademy.org>). Students may sign up with Khan Academy and can choose us as coaches ([math@olvschooldc.org](mailto:math@olvschooldc.org)). This will allow us to monitor your child's progress and skills that s/he has covered.
- IXL (<http://www.ixl.com/>) to work through the 7<sup>th</sup> and 8<sup>th</sup> grade Common Core standards.
- Please, spend 30-40 minutes per week practicing your math skills. Remember, if you practice for HSPT, this can count toward your math minutes.

Dear Hochhauslers,

I have practiced working with integers and solving equations and inequalities. I am faster and more accurate in my work than I was in 7<sup>th</sup> grade, and I am ready to concentrate on more challenging math problems involving integers, fractions, ratios, equations, and inequalities. I am ready to take the appropriate benchmark tests and start Algebra 1!

Sincerely,

\_\_\_\_\_ (Student)

\_\_\_\_\_ (Parent)