

2018 Summer Math Work (Rising 8th Grade)

Due: First day of school

- Continue practicing to work with & focus on these skills:
 - **Integers** (adding, subtracting, multiplying and dividing)
 - **Factors and fractions**
 - **Ratio, proportion and percent**
 - **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). 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 7th and 8th grade Common Core standards.
- Eureka Math (<http://greatminds.net/>) also has excellent review materials.
- 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 7th grade, and I am ready to concentrate on tougher math problems involving integers, fractions, ratios, equations and inequalities. I am ready to take the appropriate benchmark tests and to start Algebra 1!

Sincerely,

_____ (Student)

_____ (Parent)