

Dear Honors Algebra II student,

This letter is a set of instructions for your summer work. First, none of the work will affect your grade as such. However, I will be keeping track of what you do. The work will consist of worksheets covering material that you should understand from both Algebra I and Geometry. There will also be assignments designed to begin your preparation for the ACT on Study Island.

The worksheets will be sent to you via your UHS email account. My worksheets will be sent on 6/12, 6/26, 7/10, 7/24, and 8/7. The answers will be available later the same week, again at your UHS email, and I will have ZOOM sessions for help on the succeeding Friday. The goal here is to make sure that you understand the concepts and are not just proficient in memorized procedures. There is more to this than just getting the right answer. You need to think with and apply the ideas as well as solve the problems to be successful on the AP Calculus and in life.

The Study Island assignments will be available on 7/19, 7/3, 7/17, 7/31, and 8/14. The answer key will be available later that week. Study Island scrambles the order and sometimes changes individual questions. So, you may need to work your way through them. There will be a ZOOM session on the successive Friday as well. At these sessions, you may ask for help.

You are ultimately responsible for understanding the material. “How do we know whether or not we understand?” The easiest way to measure your own understanding is to ask yourself “Why?” If you can explain to yourself or someone else why something works as opposed to only explaining how to do it, there is a pretty good chance that you do understand. You can then use the ideas to explain more ideas and solve problems that are new to you and indeed to the world. This is where progress comes from. If something does not click for you, there are tons of resources online. You can find all of the material on [khanacademy.com](https://www.khanacademy.com) or you can simply do a Google search. You may, of course, wait to ask me during the ZOOM sessions. The point is that you need to understand the concepts, not just do the problems. You can always reach out to me via email at [rnalepa@youngstowndiocese.org](mailto:rnalepa@youngstowndiocese.org) if something comes up.

Anyway, work hard and keep in touch. I'll see you for sure in the Fall. Here's hoping we have a good and productive year.

Your Teacher,  
R. A. Nalepa