

Winter Break Assignment Pre-Calc

Below is a list of the work that should be completed over your break. For the videos that are from Khan Academy, watch ALL parts.

For the HW, all of the assignments and the corresponding HW pages are on the portal. I attached a couple of textbook pages where you can find additional examples along with the HW pages.

As you complete the HW assignments, please email them to me so I can correct them and enter your grade into the gradebook. Soon upon returning to classes in January, you will have an assessment on these topics. Feel free to email me with any questions. I can even set up a Zoom session if you would like. Do not wait until the last week of break to start the assignments. I cannot guarantee I will be able to answer any questions within that time or to grade the assignments before you are tested on them. All assignments are due by Jan. 11th. No exceptions.

Topic 1: Arithmetic Sequences

Watch Video- ALL parts- [Arithmetic Sequences Video](#)

HW: On the portal: p.626; #5-8,13-15,18,21-23,31,33,37,38

Topic 2: Geometric Sequences

Watch Video- ALL parts- [Geometric Sequences Video](#)

HW: On the portal: p.635; #5,8-10,13-16,23-26,33-35

Topic 3: Circles

Watch Video - [Circles](#)

HW: On the portal: Complete all problems on the worksheet.

Topic 4: Special Right Triangles and the Unit Circle

Watch Video - [Special Right Triangles and the Unit Circle](#)

HW: Memorize these values!!!