

Well Done Students!

You have decided to challenge yourself by taking AP Calculus AB. AP Calculus AB is a rigorous and fast-paced course that requires a solid mathematics foundation as well as a strong work ethic in order to succeed. What does this mean for summer preparation? I have compiled review problems in basic math and algebra skills that are fundamental in calculus and in which I have found many students are no longer as proficient as they should be. Because much of the work in class (and on the AP exam) will be done without the use of a calculator, it is imperative that you adhere to the calculator guidelines included in the assignment to regain speed and strength in these skills. Additionally, I have included Pre-Calculus review problems in areas that will be most beneficial for some of the Calculus units. The material is all review. However, if you do not remember how to do something, the internet is a great tool for tutorials and more practice. **The packet is due the FRIDAY of the first full week of school. It will be graded for accuracy (so check your work) and points will be deducted for tardiness. This will allow students several class periods to ask questions. Additionally, you will be quizzed on the material in the packet during the second week of school.** Attach additional paper as needed to show your work but consolidate answers on the answer matrix. (Find the answer matrix at <https://drive.google.com/file/d/0B1KOIz09HuFCR2ZCZzg1V1BwZUU/edit?usp=sharing>) You must show work to receive credit. I will not accept lone answer sheets. I must be able to easily READ YOUR WORK to give you appropriate credit. Points will be deducted for hard to read work. You are expected do your own work. Do some work every day. I strongly caution you against waiting until the last week of summer to do the assignment. If you choose to complete the packet early, review it periodically over the summer and prior to the start of school. The objective of the summer work is two-fold: 1- to review and regain strength in prior math skills important to calculus and 2- to keep your 'math muscle' from atrophying over the summer.

In addition to the work packet that will be due for a grade, I have included chapter 1 of the text. (<https://drive.google.com/file/d/0B1KOIz09HuFCWnhFVWJFa0NodVU/edit?usp=sharing>) READ the entire chapter. (Yes, read a math book) Make sure you are competent in the material. Each section has some 'Quick Review' problems and some standardized test question you can use to test yourself. On pp 29 & 55 there are 'quick quizzes for AP preparation'. **DO BOTH OF THESE AP QUICK QUIZZES AND INCLUDE WITH YOUR SUMMER WORK PACKET.** Please note that there is NOT a space on the answer matrix for the quick quizzes. Please feel free to email me with questions at the address below.

Link to work packet

(<https://drive.google.com/a/pinelakeprep.org/file/d/0B1KOIz09HuFCd0F0Q1NrR0w1TEU/view?usp=sharing>)

See you next year

Mrs. Little

gretchen.little@pinelakeprep.org

AP Calculus