

AP Calculus AB Summer Assignment

You have chosen to participate in a College Level Mathematics course. Please realize that taking this class is a major commitment and **requires a lot of work** from now until the AP exam during your senior year. Honesty and integrity are crucial at this level of education and are demanded here. This is an advanced placement math class. Therefore, it is treated like a college-level course. This means that more of the responsibility for your learning lies in your own hands than you have been accustomed to. By now, you have a good idea of how you best learn a complex subject. Do the work necessary and take the responsibility to seek help when you need it.

The purpose of this summer assignment is to refresh your knowledge of algebra that you've already learned in previous mathematics courses. All of your work will be completed through Khan Academy, and as such, you will need to register to be a part of my AP Calculus course on Khan Academy. So, before you get started, go to www.khanacademy.org/join and enter your class code: **YHBADJ7B** or click the following link: <https://www.khanacademy.org/join/YHBADJ7B>.

Next, go into your profile settings and fill in your first and last name. If you join this mid-summer, email me (melanie.cambria@petridesschool.com) and I will update the assignments so that you can see them on your homepage. Otherwise, you will not see the assignments listed below as assigned to you at Khan Academy. Thus, it is imperative that you email me when you have signed up for my course! (Only need to do this if you join midsummer otherwise at the start of summer I will update the assignments by the next day).

If you need help: Under each question you will see "Stuck? Review related articles/videos or use a hint." Click on that link and it will connect you to a short review video and hints for each question.

This assignment will be graded and you will be tested on this material when you enter in September so take it seriously! It is DUE SEPTEMBER 5th **before** we come back to school so be mindful of how much time you need, I advise you do a little each day, maybe after your morning breakfast take some time to review math before you start your Summer day.

Calculator: A graphing calculator is required for this course. I recommend a **TI-84+**, but a TI-83+ is also acceptable. But does not have all the same capabilities.

Looking forward to a great year of Calculus with you, I hope that you will find it challenging, intriguing, and rewarding!

Ms. Cambria