

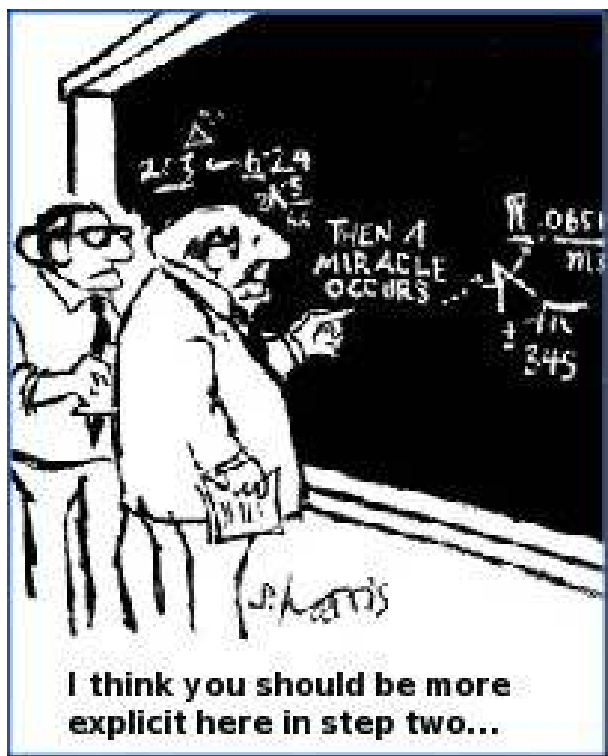


ARCHBISHOP CURLEY  
HIGH SCHOOL

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## AP Calculus BC Summer Preparation 2023

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Name:

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Archbishop Curley Math Department 2023

Welcome to AP Calculus BC. This will be the toughest class yet in your mathematical careers, but the benefit you will receive by having this experience in high school is immense. Because of the unique nature of this class, it is very important that you are ready to start working on the **first day**. We will NOT be reviewing the material in this packet. We will revisit the topics but at a level beyond Calculus I. We will be moving through this material very quickly so we will have enough time to tackle more advanced BC topics.

Expected from you is a certain level of independence and high level of commitment. Your first opportunity to demonstrate your capabilities and resourcefulness is through this summer work packet which will help you maintain/improve your skills. This packet is a requirement for those entering AP Calculus BC and is **due the first day of class**.

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***Details of Assignment:******Part A: Online Registration***

- (1) Join our class on google classroom. Use your Curley email. **Class Code: 2sskbym**
  - (2) Join our class in AP Classroom. Use your college board account to link to our section. This code will be provided after the 1<sup>st</sup> of July. This is also where you will register for your AP test.
  - (3) Purchase your text (use instructions provided) and register with our class.
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***Part B: Practice/Review Problems***

Complete all of the practice/review problems in the **BC Calculus Summer Work 2021** packet.

Show all of your work and attach separate answer sheets where necessary.

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***Part C: Online Test***

You will complete a test on your summer material on EDULASTIC. I will provide further information by email at the beginning of August. The results on this test will help determine, to some extent, the pacing of our first quarter. This test will be completed before the first day of class in September.

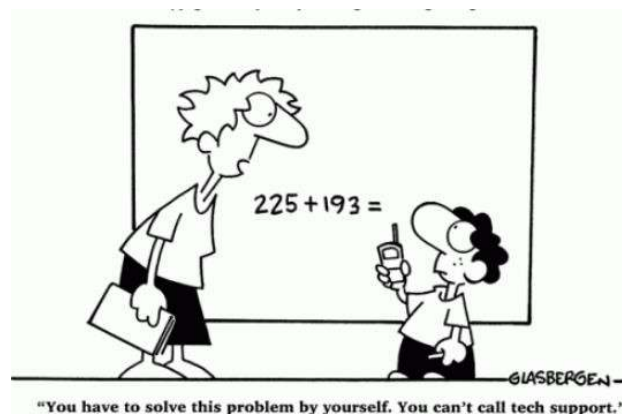
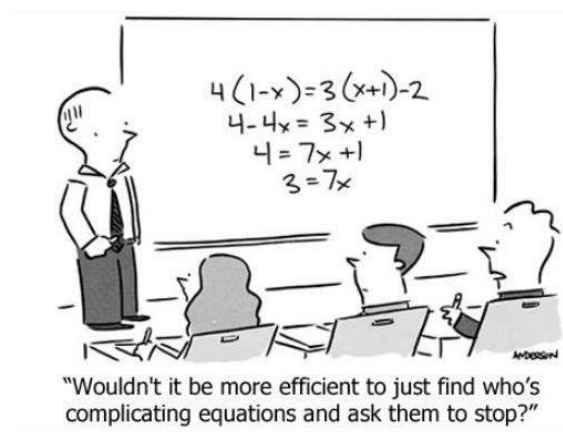
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You are responsible for reviewing/relearning precalculus, geometry and basic Calculus topics you have previously studied. The BC course requires a strong background in trigonometry and analytic geometry, as well as in advanced mathematics and beginning Calculus.

You should already have a TI nspire CX CAS calculator and be comfortable using it. If you do not have a CAS, please come to sign one out for the year. You can still use your non-CAS or TI-84 calculator, but there are some functions that can only be performed on a CAS.

You should upload your summer work into google classroom before class begins. You can bring your hard copy with you to class. Your Edulastic test will be uploaded here as well. I will be monitoring Google classroom throughout the summer and expect you to be present. Do not leave all of your summer work to the end of the summer, nor should you complete it all now and forget it over the summer. You have 5 chapters to review – space it out, based on which skills you feel you need the most practice with. Take charge of your AP score now by committing to this preparation. I look forward to our class this fall. Don't forget to relax and have fun with other things aside from Calculus (I can't imagine what might be more fun than Calculus, but that's just me).



***Happy Calculus-ing!***