

AP Calculus Assignment March 25, 2020

I hope you have read about the changes for the AP Exam. You will still be able to take the AP exam, but you will do it online. It will be a 45 minute free response exam. They will be sending more details as we move forward. They have cut a few of the topics to be covered so that will be helpful, but there are still new topics that we have not yet covered that will be on the exam.

As we move forward we will spend time reviewing and covering new topics. This week we will be using Khan Academy to help with this. Please go to Khan Academy and sign up for our class with the code YJVVKY96. Make me your coach. Listed below are the sections of the AP calculus course that we will be looking at this week. Please read the topics and follow the directions below each section. If you have questions, please contact me through remind or email. I have set up a Microsoft Teams class as well so we may use that as you have questions about things. This is a learning process for all of us so please be patient. If you have suggestions for improving our communications, please feel free to make them.

I will also be using quizizz for some of our review and practice. Please use the following link to join our class. You will receive some assignments from here in the upcoming days.
<https://quizizz.com/join?class=L423514>

Here is this week's Khan assignment. Please have it finished by the beginning of next week. Thanks!

Limits and Continuity

Working with the intermediate value theorem—Complete both practices and take quiz 6
Watch videos in this section if you feel like you need the review.

Differentiation: composite, implicit, and inverse functions

Watch videos and practice problems specifically from Differentiating inverse functions, Differentiating inverse trig functions, and both selecting procedures for calculating derivatives

Take all the quizzes in this differentiation section and then take the unit test. It will be a good review of your derivative skills and let you know areas that you need to work on.

Applying derivatives to analyze functions

Watch video(s) on using the mean value theorem—Watch the mean value theorem Review and then If you need more of a review, select others to watch

Complete the practice for the mean value theorem and take Quiz 1

Watch video(s) for connecting f , f' , and f'' graphically—watch both
Complete the practices and quiz 4