

AP Calculus Summer Work

Calculus AB and BC

Welcome to AP Calculus! Great job on the successful completion of Intro to Calculus.

You are expected to complete the assignments online. This is because of class time constraints and the amount of material that must be covered to properly prepare for the AP Calculus exam. Refer to your notes from the Intro to Calculus Course

In preparation for the upcoming calculus course, you must complete the following over the summer. Please refer to Google classroom. In our Google classroom there will be a link to a website called CK-12. Each student must join the CK-12 class.

The code for Google Classroom is **gn24sy**

Please familiarize yourself with the AP Central website and all of the practice materials that are offered there including the list of AP topics covered on each of our respective exams. We will put a link to the main page on Google Classroom.

GRAPHING CALCULATORS: We recommend that each student has a TI graphing calculator.

TRIGONOMETRY: Trig functions are used extensively in calculus. You must have *memorized* exact values of $\sin(x)$, $\cos(x)$, and $\tan(x)$ for $x = 0, \pi/6, \pi/4, \pi/3, \pi/2, \pi$ and $3\pi/2$ radians.

Due Date:

- All online work from CK-12 website is due the Friday before the first day of school.
- The derivative worksheet, posted in Google classroom, is due the first day of school. Do the assignment on separate pieces of paper. Do Not write the answers on the worksheet.

Students will be given a homework grade for the completion of the online topics and the derivative worksheet.

There will be a test within the first 10 days of school based on the information from your Intro to Calculus course and the review material covered in the summer work. Topics for the first test will be discussed when we get back to school.

Have a great summer,
Mr. Finch
Mr. Weber