June 2018

Dear Future AP Calculus Student~

Hello! Welcome to AP Calculus! This upcoming school year our mathematical focus will include three main ideas of calculus of limits, derivatives, and integration.

In order to prepare for our upcoming mathematical journey, it is necessary for you to review a few essential skills and some Pre-Calculus skills that will play a vital role in AP Calculus throughout the course of the school year.

Attached is a worksheet of practice problems. Each section of the worksheet features a different skill that you will need in AP Calculus. The problems in each section start out easy and get progressively more difficult. You may find some problems easy to do and others a bit more challenging. The worksheet will not be collected, but you must know the content.

It is best if you spread the problems out over the summer so that the worksheet is not an overwhelming task. The idea is for you to have these topics and concepts fresh in your minds when you return to school.

Some supplies that you may need for the 2018 – 2019 school year include:

* a folder or binder with dividers and notebook
* colored pens, pencils or highlighters
* a graphing calculator

You are strongly encouraged to have your own graphing calculator so that you can practice skills and complete your homework. The graphing calculator that will be used in class is from the TI-83/TI-84 family. Local retailers typically have these calculators on sale starting around July 1. Watch the sales ads and newspapers for the sales. You can also check local pawn shops for these types of calculators.

Please check your school email periodically over the summer. I may send you information about the class or sales on calculators!

I look forward to our journey through AP Calculus next year! Have a safe summer!

Mr. Mansour

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