

Summer Assignment

Step 1: You have been provided with a study guide for Chapter 1: Functions and Models. This is an overview of Precalculus concepts that are the essential skills to be successful in calculus. I have always thought that students who struggle, struggle more with the past algebra skills than with the concepts covered in calculus. As Alfred Lord Tennyson stated, "*the past is prelude, the best is yet to come*". So use the review materials to help put you in the best position for future success in calculus. Read, highlight and work the example problems in all 5 sections. Solutions are provided. Utilize online resources to revisit any of these topics as needed. Khan Academy would be one suggestion.

Step 2: Once you have completed reviewing the study guide materials, print out the Practice Test for Chapter 1. Work all problems on **your own lined paper in PENCIL**. Copy the problem as given, show all work clearly and concisely and/or explain your reasoning for how you arrived at your answer. Use proper notation. NO CREDIT WILL BE GIVEN FOR "ANSWERS ONLY". The reason for this is that grading on the AP awards points for each part of the problem and for justifications. An FRQ (Free response question) is typically worth 9 points, only 1 of which is for the actual answer. The rest is awarded for clear work, explanation of methods used to arrive at that answer and/or justifications. Write your final answers on your printed test and **staple the printed test** to the front of your work. Please bring to school on the first day of class. There will be a test covering this material during the 2nd week of school.

Looking forward to a great year