

Summer AP Calculus Assignment:

The assignment below is due on the first day of class. It contains the problems and material that you will be responsible for on the first quiz that will be given on the second day of class.

Remember, if you have forgotten how to do a particular type of problem, use both the notes you have from Pre-calculus Honors and the AP Calculus textbook to help you out. It is important to read each section carefully before attempting the problems assigned for that section. Odd-numbered problems were intentionally chosen so that you will be able to check your answers as you go.

1. Section 1.1 (Lines):
 - * Complete problems on page 7 - 8: # 5 - 37 odd

2. Section 1.2 (Functions and Graphs):
 - * Complete problems on page 17 - 19: # 5-23 odd, 31, 33, 39, 45, 49, 63
 - * Memorize "Useful Power Function" chart on page 13

3. Section 1.6 (Trigonometric Functions):
 - * Study pages 41, 43, 44 and Inverse Trigonometric Functions (bottom of page 46 through top of page 48) carefully.
 - * Complete problems on page 49: # 11 - 29 odd.
 - * Memorize information on trig review sheet (both sides).

Have fun! I look forward to working with you in the fall!