AP CALCULUS BC SUMMER WORK

✓ The summer work assignment is due on the **first day** of your AP Calculus BC class.

✓ This assignment is mostly a review of AP Calculus AB that you are expected and required to have mastered for this course.

✓ You must complete the following assignments from the Calculus textbook.

Assign 1: P.2 pg. 16 #15-18, 25-43 odd, 49-60*

Assign 2: P.3 pg. 27 #3-37 odd, 53, 55, 58, 65, 78

Assign 3: 1.3 pg. 67 #15-25 odd, 27-38, 49-56, 67-72

Assign 4: 1.4 pg. 79 #7, 9, 15-20, 33-49 odd, 61-69 odd, 77, 95

Assign 5: 1.5 pg. 88 #9-23 odd, 29-39 odd, 61, 65-69

Assign 6: 2.2 pg. 114 #35-53 odd*, 57-65 odd, 70-74, 89, 90*

Assign 7: 2.3 pg. 125 #3-17 odd, 23-30*,39-52, 55, 60, 61, 63-75 odd*, 93-103 odd

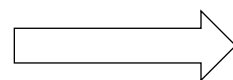Assign 8: 2.4 pg. 136 #7-27 odd, 42-54*, 65-68*, 73, 77, 101

Assign 9: 4.1 pg. 251 #21-49 odd

Assign 10: 4.3 pg. 279 #41-45, 47*, 48, 49

Assign 11:* 4.4 pg. 288 #9-23 odd, 27-32*, 35-43 odd, 45, 47, 51, 53, 66, 66, 77-83, 95

✓ You are responsible for **ALL** material in each section listed above. It is expected that you check your answers in the back of the book, make corrections, and understand why!!

✓ * denotes for you to pay special attention to these topics, since they are especially relative to the AP Calculus course.

✓ This assignment is to be completed in your AP Calculus BC notebook with each question clearly labeled. I do **NOT** accept just answers. All work must be shown to receive credit for the assignment.

✓ You are to bring the completed work with you to the first day of class as well as upload it to the google classroom in the provided folder. I will answer any questions you may have at that time.

✓ It is **NOT** recommended you start this assignment early in the summer. August is a good time to complete this work.

==FRONT COVER RULES/FORMULAS==

==TRIGONOMETRY:==
- ✓ You are responsible to have ALL Identities/Formulas memorized **EXCEPT** Sum-to-Product Formulas and Product-to-Sum Formulas.

==DERIVATIVES AND INTEGRALS:==
- ✓ You are responsible to have ALL Identities/Formulas memorized!!!

Summer Assessment: TWO Parts:

PART 1: ==Day 1== of class you will have a ==formula memorization quiz== on any formula of trigonometry, derivatives, and integrals!

PART 2: ==Day 2== of class you will have a ==TEST== on any topic from Assignments #1-11 to determine your eligibility to remain in the course.

- ✓ Required Graphing Calculator: ==**TI-84 Plus CE**==

- ✓ Check my google classroom towards the end of the summer for any additional information.

- ✓ Email me with any questions: tlseiler@jacksonsd.org

- ✓ AP Calculus BC is a very demanding course and you will be expected to put it at the **TOP** of your list of priorities. It is imperative that you have a strong background and great work habits to succeed in this course!!!!!

See you in September!!! Enjoy your summer!! 😊

Miss Seiler