

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, 27-41 odd, 51-57 odd

Assign 2: P.3 pg. 27 #5-31 odd, 53, 55, 58, 65

Assign 3: 1.3 pg. 67 #21-37 odd, 51, 53, 68-72 even

Assign 4: 1.4 pg. 79 #9, 15-19 odd, 35-49 odd, 63-69 odd, 77, 95

Assign 5: 1.5 pg. 88 #11-23 odd, 29-39 odd

Assign 6: 2.2 pg. 114 #35-53 odd, 57-63 odd, 70-74 even

Assign 7: 2.3 pg. 125 #7, 11-17 odd, 27, 29, 41-51 odd, 60, 61-67 odd, 73, 75, 95-103 odd

Assign 8: 2.4 pg. 136 #13-27 odd, 46-54 even, 65, 67, 73, 77

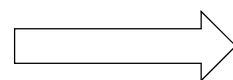
Assign 9: 4.1 pg. 251 #21-43 odd

Assign 10: 4.3 pg. 273 #42-45, 47-49

Assign 11: 4.4 pg. 288 #11-23 odd, 27-31 odd, 37-47 odd, 51, 53, 66, 81, 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!!

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- ✓ 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 #1-24 Differentiation Rules and ALL Integration 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.

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- ✓ 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

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

Miss Seiler