


Attention Future AP Calculus Students (2021 – 2022)

If you plan to take AP Calculus next year, please join the Khan Academy class below to complete your summer work. (Due on the first day of school – 8/25/21)

In calculus you will need almost all of the math skills you have learned throughout high school (from algebra 1 all the way through pre-calculus – *that's a lot of math!!*). For the summer assignment I am asking you to review quite a few of those skills. I would like you to review the following units which will be found in the getting ready for AP Calculus course on Khan Academy (plus a section on exponentials and logs). I am asking you to complete the unit test at the end of each unit. If you are having trouble with any of the topics, please go back and watch the videos, complete the practice, and try the quizzes for those topics.

Your summer work grade will be generated from the scores you get on these unit tests (graded on correctness, not completeness). You may take the unit tests as many times as you would like until you are happy with your score.

Unit Topic	Unit Test Questions
Get ready for Limits and Continuity	31 questions
Get ready for Differentiation: definition and basic rules	11 questions
Get ready for Differentiation: composite, implicit and inverse	11 questions
Get ready for contextual applications of differentiation	9 questions
Get ready for applying derivatives to analyze functions	12 questions
Get ready for Integration and accumulation of change	9 questions
Get ready for applications of integration	11 questions
Logs and Exponentials:	12 questions total
• Relationships between Exponentials and logs	4 questions
• Use the properties of logarithms	4 questions
• Solve exponential equations using logs base-10 and base- e	4 questions
Total	106 questions



How to join your teacher's Khan Academy class

- 1 Go to khanacademy.org/join
- 2 Enter your class code and press "Add".
Class code:
- 3 If you don't already have an account, press "Create a new account". Enter your date of birth, then sign up using Google, your school email, or by creating a username.
- 4 Enter your grade and course. Now you're ready to start learning!

If you have any questions, please reach out to Mrs. Galullo by email:

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