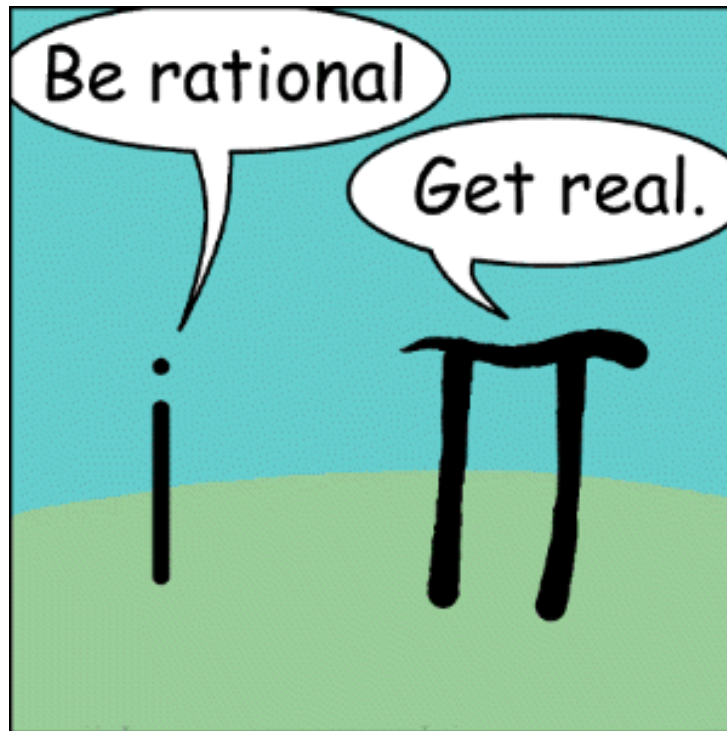




Lawrence High School's AP Calculus AB 2022 Summer Jumpstart Assignment





To incoming AP Calculus AB students,

You have signed up for AP CALC- AB, which by nature must proceed at a very fast pace. The best part of teaching AP Calculus is realizing that we are all working together toward the same goal---great AP scores (and hopefully this will mean an excellent foundation in calculus). Therefore, it's not student vs. teacher, it's student and teacher vs. AP test. In order to do well, you must stay on task and complete assignments in a timely manner. We are looking forward to a great year.

This material needs to be fresh and current when school starts. We recommend that you begin and work on this Summer JumpStart assignment throughout the month of August and establish consistent study habits to be fluent with the content included in this assignment. If you complete the assignment before August, you should revisit the material and assignment before school begins.

This assignment will post on Google Classroom and DeltaMath on July 15th.

We have selected a few pertinent problems from the preparation chapter for this Summer Jumpstart Assignment to help you be best prepared for your AP Calculus AB course. This is a **required assignment** that you will submit no later than midnight September 25, 2022. Your instructor will clarify the due date.

This assignment will be completed using the DeltaMath resource, graded and recorded as a quiz for the first marking period. The DeltaMath program is designed to pull questions from a large question bank and randomizes questions for each student. Each Jumpstart Assignment is unique, but addresses the same skills and concepts at the same level of rigor chosen by the instructor. There are videos for each topic if you need to review or refamiliarize yourself with a concept(s) so you do not need a text resource to complete the assignment. Also, if you get a problem incorrect you will see the actual solution, and will be able to complete a similar problem for full credit. If you are struggling with concepts/material, below are some additional resources for you to reference. Again, DeltaMath has video resources for you to review should need them.

Resources:

For additional examples and support you can reference any of the sites listed below and search the skill/concept.

- KhanAcademy.com
- You Tube.com or Teacher Tube.com
- MathsPower4u.com
- IXL.com

Google Classroom: A Google group has been established in order to provide you, the students, with support as a group. If you are struggling with concepts/material, there is a blog option to post questions to one another just as you would if you were working in groups in class. Since DeltaMath randomizes the questions, your classmates will have been assigned similar questions and can serve as a resource for you. In addition, you have the educational resources listed for additional assistance. The math course from the



LAWRENCE TOWNSHIP PUBLIC SCHOOLS

www.ltps.org • 2565 Princeton Pike, Lawrenceville, NJ 08648 • 609-671-5500

current school year is the prerequisite course for the course you have enrolled into for the Fall. Your personal notebook and handouts from this year's class is a resource that is at your disposal.

Google Classroom Group Code:

- Go to www.classroom.google.com
- Click on I'm a Student
- **Use your .info school email account if needed**
- Enter access code: 654rgnd

Delta Math Account:

- If you do not have a DeltaMath account, create one via this link: <https://www.deltamath.com/>, choose student using google.
- **Current Lawrence students use your .info school email account**
- **NEW to Lawrence students can set up an account using a personal email.**
- Teacher code: **537673**.
- Choose Summer CalcAB as your class. The summer assignment is posted there.

Scoring/Grading:

- The AP Calc AB Summer Assignment is worth a total of 50 points.
- Each problem is worth 1 point.
- All answers are submitted in the DeltaMath program with automatic opportunities for second chance learning if needed.
- Your earned grade for Summer Jumpstart Assignment will be included as a quiz grade in the first marking period.

Tips for Completing the Assignment:

Remember your assignment will not be exactly the same as a classmate since the program randomizes questions focusing the same skills and concepts at a difficulty level chosen by the instructor. All of your answers will be submitted in the DeltaMath program, but you are strongly encouraged to:

- Use notebook paper as you are working on the assignment, and show all your work.
- If you have any questions in September, you and your teacher can review your work together.

Good luck with the assignment and enjoy your summer!!!!

Mr. Meehl and Ms. Recentio