

Advanced Placement Calculus AB Summer Assignment

Students planning to enroll in the Advanced Placement Calculus AB course should prepare to maximize potential for success at the Advanced Placement level. The AP exam is given during the first week in May, leaving scarce time for long review of previously taught concepts in the first days of the school year.

STEP 1 – 4: MUST BE DONE TODAY, NOT RIGHT BEFORE SCHOOL STARTS AGAIN

Step 1: Join our schoology class: AP Calculus AB - Summer Assignment – Do it today.

Code: QNFM-DFBR-Q5FX5

- Sign in to your Schoology Account. Click Courses tab. Find the My Courses (top right corner).
- Find manage courses (right side), click Join Course.

Enter the code: QNFM-DFBR-Q5FX5 and click Join.

Assignments and worksheets are listed in the classroom.

Step 2: Join our Remind Texting – directions are in schoology classroom -also attached below. – Do it today

Step 3: Make sure you read this entire document and that you explore our schoology classroom.

Step 4: Make sure to join the Khan Academy class, to do the problems and watch the videos you need (it is okay to fast forward the videos on topics you know, just make sure to do the problems and quizzes they offer.

Signed up and completed the limit section on Khan Academy (class code N7JHXP2)

Or use the following link: <https://www.khanacademy.org/join/N7JHXP2>

Keep in mind that the summer assignment for this class is not something that can be done in the last few days before summer break is over. You need to do a little each week to insure you do not get overwhelmed the last week before school starts again (hopefully we will see each other in person).

If you are going to invest in a new calculator, buy a TI-89. It can do some amazing things once you learn how to use it.

LHS students who have taken Honors Pre-Calculus or Intro to Calc BC - Honors will have covered the needed concepts in the previous course. I know that last 2 years were unusual years. If there were some holes in your knowledge base, the summer assignment is designed to fill those holes (See directions for standard Pre-calc students in next paragraph if review is needed).

Students enrolling from the standard pre-calculus course or from another school may or may not have covered previous concepts needed. These students should be able to complete every problem in the past Midterm and Final Examination Review packets from Precalculus - Honors, paying particular attention to any concepts that are “new” to them. The review packets can be found on our AP Calculus AB summer assignment classroom that I have set up.

All students should introduce themselves to the format of the calculus textbook by completing chapter “P”- Preparation for Calculus, pages 1 through 40 in the textbook. They should attempt odd exercises in every section, the “writing about concepts” problem in every section, and the “capstone” problem in every section. At the end of the chapter, on pages 39-40, students should work through the problem solving questions to stimulate successful integration of concepts---- and to generate excitement for mathematics in general. I have included note pages to help you work through Chapter P (even though it says Chapter 1 on them they correspond to chapter P). These notes will also be posted on our google classroom. We now have a newer edition of the book, but for review purposes this works just fine.

All students must print out (or do it on Kami) and complete Summer Review worksheets A through D – they will be checked the first week of school and you will be tested on these concepts.

There WILL NOT be a test on the midterm and final review packets.

The first test WILL particularly incorporate concepts from the “P” chapter and the worksheets given.

All tests will incorporate the need to know previously learned/taught concepts.

Be prepared for an exciting year of discovery, wonder, and learning. Any questions please email me at dpoyner@livingston.org .

Enjoy your summer,

Mrs. Poyner

I have posted the first few chapters in the google classroom, where you can find all relevant worksheet and review packets. I know you will not be able to pick up the book this year, like we have done in the past, so it will be in our google classroom.

Summer packet check list

- ☐ Read Chapter P: pages 1 through 40 in the textbook
- ☐ You need to Filled in Chapter P notes (It will say chapter 1 on them) – the first quiz will be base on these topics
- ☐ Do (as needed) odd exercises in every section, the “writing about concepts” problem in every section, and the “capstone” problem in every section. If you can do the problems without writing them out it is fine.
- ☐ Insured you can do all problems on the Precalc – Honors (and Alg 2 Honors) Review packets for midterm and Final
- ☐ Completed Chapter P Summer review worksheets A, B, C, and D: They will be checked. – the first test will be on these topics
- ☐ Signed up for remind texting or email notification.
- ☐ Signed up and completed the limit section on Khan Academy (class code N7JHXP2)
- ☐ Compete the Unit on Limits assigned in Khan Academy classroom – including the quizzes

This is Mandatory: The entire limit Unit except the Delta-Epsilon which is not needed section does not have to done

<https://www.khanacademy.org/join/N7JHXP2>



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: N7JHXPN2
- 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!

For Pre-calc Optional Review sign up for class code: YPUPDD



Sign up for important updates from Mrs. Poyner.

Get information for **Livingston Sr High School** right on your phone—not on handouts.

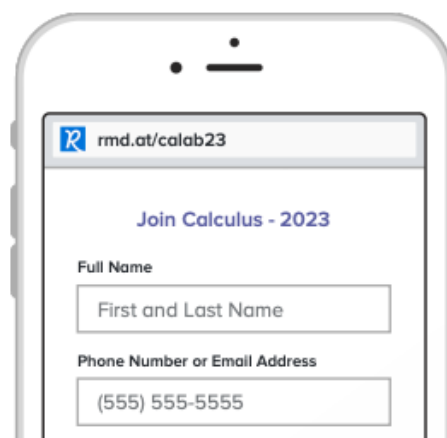
Pick a way to receive messages for **Calculus - 2023**:

A If you have a smartphone, get push notifications.

On your iPhone or Android phone, open your web browser and go to the following link:

rmd.at/calab23

Follow the instructions to sign up for Remind. You'll be prompted to download the mobile app.



B If you don't have a smartphone, get text notifications.

Text the message **@calab23** to the number **81010**.

If you're having trouble with **81010**, try texting **@calab23** to **(901) 466-8785**.

* Standard text message rates apply.



Don't have a mobile phone? Go to rmd.at/calab23 on a desktop computer to sign up for email notifications.