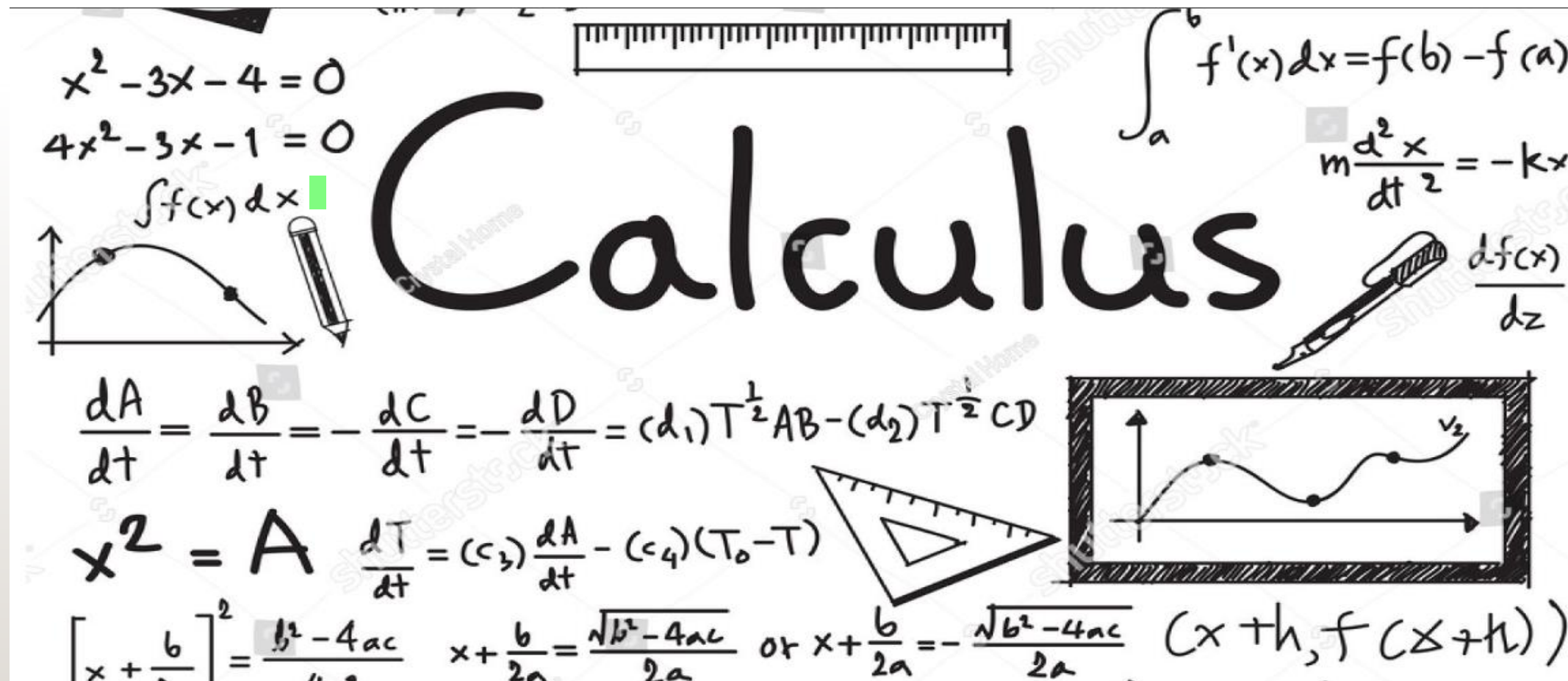


AP CALCULUS AB 2023-24



Take a minute now to Sign up for Remind

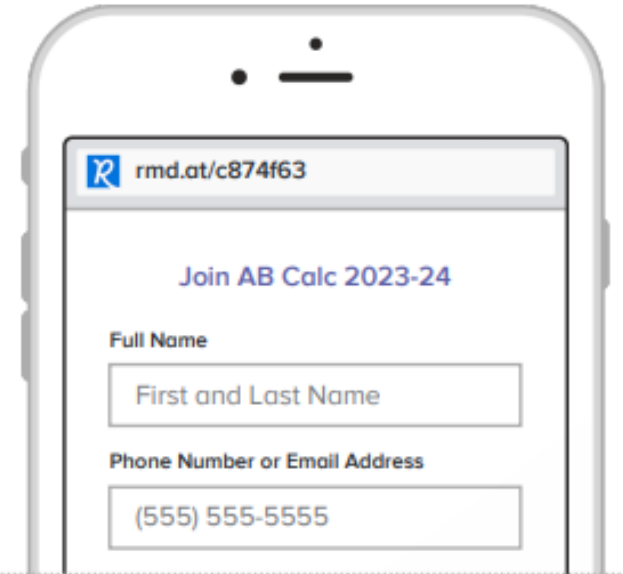
Pick a way to receive messages for **AB Calc 2023-24**:

- 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/c874f63

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 [@c874f63](https://t.me/c874f63) to the number **81010**.

If you're having trouble with **81010**, try texting [@c874f63](https://t.me/c874f63) to (563) 265-6842.

* Standard text message rates apply.



My Teacher Website: mryangteacher.weebly.com

(Also embedded on Class TEAMS Page under “Class Website”)



Mr. Yang's Teacher Website

[Calculus AB](#)[Accel Pre-Calculus](#)[Calculus BC](#)[Non-AP Calculus](#)[Geometry](#)[Math Team](#)[Mu Alpha Theta](#)[more...](#)

Calculus AB Tab

➤ Class Notes

➤ Begin with

Ch. P Pre-Calculus

➤ Class Calendar

➤ Download textbook
pdf onto your device

➤ Syllabus

AP CALCULUS AB

I. [Class Notes \(& keys\), Review Worksheets, & Videos](#)

II. [Class Calendar AP Calculus: August 2023](#)

III. a) Sullivan & Miranda Calculus Textbook (3rd edition BFW publishers)
b) Sullivan & Miranda Calculus Exercise Problem Solutions

IV. [Syllabus Fall 2023-24](#)

Day 1 PowerPoint Class Overview (Aug 2023)

[AP Calculus Student Supply List 2023-24](#)

[Remind Text Reminders Instructions & Join Code \(Calc AB Yang 2023-24\)](#)

V. [Online Resources](#)

My Teacher Website: **mryangteacher.weebly.com**

(Also embedded on Class TEAMS Page under “Class Website”)

Calculus AB

Accel Pre-Calculus

Calculus BC

Non-AP Calculus

Geometry

Math Team

Mu Alpha Theta

more...

Class Notes/Videos

>

Chapter P (Pre-Calc Review)

Online Resources

Ch. 1 Limits

Ch. 2 Derivatives

Ch. 2.6 Related Rates

Ch. 3 Curve Sketching / Optimization

Ch. 5 Logs/Exponential(Derivatives)

Trig Unit

Fall Exam Review

Ch. 4 Integrals

B

worksheets, & Videos

August 2023

Textbook (3rd edition BFW publishers)

Exercise Problem Solutions

ay 1 PowerPoint Class Overview (Aug 2023)

st 2023-24

ctions & Join Code (Calc AB Yang 2023-24)

I. Class Notes (&

II. Class Calendar

III. a) Sullivan &
b) Sullivan &

IV. Syllabus Fall
AP Calculus S

Remind Text

Go to “Chapter P” Page, and practice accessing [Textbook problems](#), [HW Calendar](#), [Notes](#), [Key](#), and [Video](#).

[Calculus AB/BC](#)

[Accel Pre-Calculus](#)

[Calculus BC](#)

[Non-AP Calculus](#)

[Geometry](#)

[Math Team](#)

[Mu Alpha Theta](#)

[more...](#)

Chapter P Pre-Calculus

0) [Textbook Problems: Ch. P.1](#) [Ch. P.2](#) [Ch. P.3](#) [Ch. P \(Odd Problem Answers \)](#)

August 2021

[August 2021 HW Calendar](#)

1) (Mon. 8/9) [Syllabus Fall 2021](#) [August 2021 Calendar](#)
[Parent Info Sheet](#) ["Who am I?" handout](#)

2) (Tues 8/10) [Ch. P1-P3 Handout Notes](#) [notes.key](#) [P1.video](#) [P2.video](#) [P3.video](#)
[P1-P3 Homework 2017](#)

3) (Wed 8/11) [Ch. P2 Notes/Practice continued](#)

Highlights from our Class Syllabus

- Grading Scale: **Major (Tests): 55%** **Minor (quizzes): 35%** **Practice (homework): 10%**
- All Tests and Quizzes will be **CLOSED NOTES**.
- No Final Exam this Fall semester
- Homework will be assigned and checked daily. **Daily routine:** 1) check for HW completion (looking for your work, your steps, corrections: Writing down just problems and answers is not sufficient) 2) Go over selected HW problems. 3) Answer questions 4) Start new lesson
- Each HW assignment will be worth 4 points. Any late HW shown to me before the next assessment (quiz or test) will earn 3 points per assignment. Late HW will not be accepted after the Unit test is given. (For each unit, your HW percentage grade will be entered out of 100 points in the practice category)

Highlights from our Class Syllabus

(...continued)

- Cell Phones are to be placed in the Wall Pockets at the front of the classroom when you enter the classroom. Students can retrieve their devices 5 mins before the bell. **Cell Phones are to stay in the phone caddy even when using the Hall Pass for restroom.**
- All devices and/or laptop computers are to be put away off your desk during classroom instruction time.
- Students will have opportunity to recover each **test** grade up to a 75. (Recovery test need to be completed before the next unit test)
- I'll hold morning help sessions day of quiz/tests 7:15am (or the afternoon the day before test/quiz depending on schedule 3:40 pm). Help Sessions M-F 7:30-8:10am & 3:30-4pm
- Help Sessions will be recorded and uploaded to YouTube (links on my website)
- We will have 1 day this week to go to Media Hub during class to pick up Textbook for those who want one. (Keep at home for reference. No need to have in your locker or bring to textbook to class)

Student Class Supply List

1) Graphing Calculator - TI 83 Plus , TI-84 Plus, or **TI – 84 Plus CE**

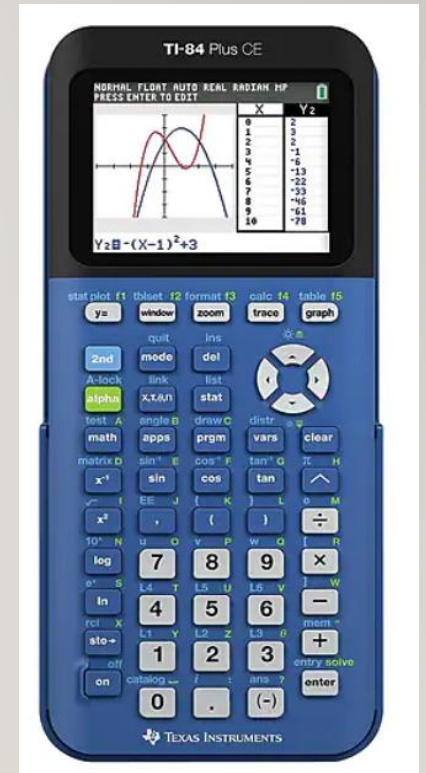
***Scientific calculator TI-36x Pro not allowed on AP exam.**

2) Loose-Leaf Paper, 3-Ring Binder, Class Folder, Printer Paper, Graph Paper

3) Pencil, Pen, Eraser, ruler, Highlighter, colored pens

4) Textbook - Sullivan & Miranda Calculus 3rd edition (BFW Publishers)

(we will provide each student with a textbook 1st week of school)



AP Calculus AB Pacing

Fall Semester

Unit P: Preparing for Calculus

Unit 1: Limits and Properties

Unit 2-3: Differentiation

Unit 4: Related Rates

Unit 5: Curve Sketch & Theorems

Unit L: Log & Exponential
Derivatives and Applications

Unit T: Trig Unit

Spring Semester

Unit 6: Integration (Antiderivatives)

Unit E: Exponentials, Logs, Trig Integrals

Unit 7: Differential Equations

Unit 8: Area and Volume

AP Exam Preparation & Review:
(Mid-March – May)

AP Exam Calculus AB:

Monday May 13th , 2024 (8am)

AP CALCULUS AB/BC EXAM FORMAT

AP Calculus AB/BC Exam Date

Monday, May 13th, 2024 (8am)

The exam is approximately **three hours and 15 minutes** long and has two parts: multiple choice and free response. Each section is worth 50% of the AP Score

Section 1: Multiple Choice

45 questions; 1 hour and 45 minutes

Part A — 30 questions; 60 minutes (no calculator)


Part B — 15 questions; 45 minutes (graphing calculator permitted)

Section 2: Free Response

6 Problems; 1 hour and 30 minutes

Part A — 2 problems; 30 minutes (graphing calculator permitted)

Part B — 4 problems; 1 hour (no calculator)



CALCULUS BIG IDEAS

- Fall Semester focus is Differential Calculus: **Derivatives** describes rate of change of one variable with respect to another. (In other words, rate of change is related to **Slope**)
- Spring Semester focus is Integral Calculus: **Definite integrals** describes the net change in one variable over an interval of another. (In other words, net change is related to **Area**)

DAY 2 TOMORROW (TUES 8/8)

- Look for your **assigned seats** (seating chart projected on the board)
- Look for your assigned number (desk number) to place your device in the Wall Pockets
- Begin/Continue Day 1 Notes (Ch. P1- P4)

ANY QUESTION?



I'M LOOKING FORWARD
TO SUPPORTING YOUR
LEARNING THIS
SCHOOL YEAR!!!

