



# AP Calculus AB

## Week of 03/10 – 03/14

### Due Dates

3/11 – Section 6.10 Part 1

3/13 – Section 6.10 Part 2

3/17 – Mixed Integration  
Circuit

3/18 – Unit 6 Review

### Upcoming Assessments

3/18 – Unit 6 Test

Monday: Section 6.10 –  
Inverse Trig and  
Completing the Square

LT: I can use completing the square to find antiderivatives.

In class:

- Bell Ringer – 5 for a 5: Riemann Sums
- Class Activity: Whiteboards
- Exit Ticket

Homework: finish the pg. 350-351 assignment if needed

Tuesday: Section 6.10 –  
Inverse Trig and  
Completing the Square

LT: I can use completing the square to find antiderivatives.

In class:

- Bell Ringer
- Class Activity: pg. 359-360 #6, 13, 17, 27, 33, 35, 42, 61, 62, 74-77
- Exit Ticket

Homework: Watch the 6.14 video and take notes

Wednesday: Section  
6.14 – Selecting  
Techniques for  
Antidifferentiation

LT: I can use select the correct method and apply it to find antiderivatives.

In class:

- Bell Ringer
- Classwork: Circuit: Mixed Integration
- Exit Ticket

Homework: none

Thursday: Section 6.10  
– Natural Log and  
Integrating with Long  
Division

LT: I can use natural logs and long division to find antiderivatives.

In class:

- Bell Ringer – Sort Card Activity
- Questions from the circuit.
- Classwork: Finish the circuit
- Exit Ticket

Homework: none

	Friday: Unit 6 Review	LT: I can review concepts from unit 6 to prepare for the upcoming test.  In class: <ul style="list-style-type: none"><li>• Bell Ringer – FRQ Friday</li><li>• Classwork: Unit 6 Review</li><li>• Exit Ticket</li></ul> Homework: Work on the review and study!
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“The pure mathematician, like the musician, is a free creator of his world of ordered beauty.”— Bertrand Russel