

Calculus AB Assignment Sheet for Q1  
August – October

| HW # | Day    | Date   | Assignment Problems                     | Description  | Special Notes                  |
|------|--------|--------|---|--|--------------------------------|
| #0   | Tues.  | 14-Aug | Sign Syllabus<br>Get Materials          | <b>Welcome to AP Calc</b><br><b>Text: 81010 Message: @abjapcal</b><br><b>Email: <a href="mailto:abjapcalc@mail.remind.com">abjapcalc@mail.remind.com</a></b> |                                |
| #1   | Wed.   | 15-Aug | Worksheet 1                             | A little Review before Calculus Starts   |                                |
| #2   | Fri    | 17-Aug | Worksheet 2                             | Review for Test #1   |                                |
|      | Mon    | 20-Aug |   | <b>Test #1</b>   |                                |
| #3   | Wed.   | 22-Aug | Worksheet 3                             | $\lim_{x \rightarrow a} f(x)$  |                                |
| #4   | Fri.   | 24-Aug | Worksheet 4<br>Worksheet 6              | Limits of Trig Functions<br>Right/Left Hand Limits   |                                |
| #5   | Mon.   | 27-Aug | Worksheet 5                             | $\lim_{x \rightarrow \infty} f(x)$   | <b>*** Bring Laptop</b>        |
| #6   | Wed.   | 29-Aug | Worksheet 7                             | Continuity : 3 Part Definition   |                                |
| #7   | Tues.  | 4-Sep  | Review Worksheet 8                      | Review for Test #2   | <b>***Bring Laptop</b>         |
| #8   | Thurs. | 6-Sep  | Worksheet 9<br>(Extra Credit)           | <b>Test #2</b>   |                                |
| #9   | Tues.  | 11-Sep | Worksheet 151                           | Intro to Derivatives (ROC)   | <b>***Bring Laptop</b>         |
| #10  | Thurs  | 13-Sep | <b>Worksheet 152</b>                    | Limit Definition of a Derivative   |                                |
| #11  | Mon.   | 17-Sep | Worksheet 10 and<br>#1 and # 2 on WS 11 | Power Rule   | <b>*** You ned graph paper</b> |
| #12  | Thurs  | 20-Sep | Worksheet 153                           | Product and Quotient Rule  |                                |
| #13  | Mon.   | 24-Sep | Worksheet 12                            | <b>Chain Rule</b>  |                                |
| #14  | Wed    | 26-Sep | Worksheet 13                            | Review   |                                |

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|-----|------|--------|--|-------------------------------------|--|
| #15 | Mon  | 01-Oct | Worksheet 14                                       | Review (Deeper Look)                |  |
| #16 | Wed  | 03-Oct | Extra Credit<br>Pg#51: #11, 13-15<br>Pg#59: #13-16 | Test #3                             |  |
| #16 | Fri. | 05-Oct | Worksheet 15<br>Worksheet 16                       | <b>Derivative of Trig Functions</b> |  |
| #17 | Mon  | 08-Oct | Worksheet 17                                       | Derivatives of E and Log            |  |
| #18 | Wed  | 10-Oct | Worksheet 18                                       | L'Hospitals Rule                    |  |
|     |      |        |  | End of Quarter 1                    |  |