AP Calculus BC Problem Sets: Units 1, 2

You are responsible for turning in the problem set by the due date regardless of attendance. Late work will receive a significant grade deduction. The grade on the problem set will be determined by a random check of 5 problems on the problem set. The grade will be based on the accuracy and completeness of the solution to the 5 problems chosen. Correct answers without work shown will not receive any credit. Make sure you label problems well enough to find a particular problem (you are responsible for being able to find and copy your solution to a specific problem).

Problem Set #1 - Due Tuesday 8/27

2.1 p. 62-63 # 5, 9, 13, 19, 21, 25, 31, 43, 45

2.2 p. 71-73 #5, 11, 15, 23, 27, 29-32 all, 47

2.3 p. 80-81 # 3, 11, 13, 15, 21, 23, 35, 37, 41

2.4 p. 87-89 #3, 5, 9, 11, 31

3.1 p. 101 #11, 13

3.3 p. 120 #5, 9, 13, 15, 17, 19, 23, 25, 27, 29

Problem Set #2 – Due Friday 9/13

3.4 p. 129-130 #3, 9, 11, 13, 23

3.5 p. 140 #1-13 odd, 19, 27

3.6 p. 146-147 #1, 5, 9, 13, 17, 51, 55, 57, 61

Review Chapter 2 p. 91-92 #3, 9, 15-20 all, 25, 27, 39, 43,

Review Chapter 3 p. 172-173 #1-11 odd, 33, 45, 53, 57,

59, 67, 71

Problem Set #3 – Due Friday 9/27

3.7 p. 155-156 #5, 11, 17, 25, 29, 33, 41

3.8 p. 162-163 #1, 5, 11, 15, 17, 19, 21

3.9 p. 170 # 1, 5, 9, 15, 17, 49

3.9 p. 170 #23, 27, 31, 37, 39, 41, 43, 45, 49

4.1 p. 184-185 #13, 21, 25, 29, 35a,b,c, 39, 43

4.2 p. 192 #7, 11, 13, 15, 23, 39

Problem Set #4 – Due Tuesday 10/15

4.3 p. 203-205 # 9, 15, 19, 29, 33, 39, 47

4.4 p. 214-217 #7, 11a, 13, 17, 19, 25, 51

4.5 p. 229-231 # 1, 5, 11, 19, 21, 39, 41

4.6 p. 237-241 #9, 13, 17, 21, 29, 33

Optional Review Chapter 3 p. 172-175 #17, 23, 37, 47

Optional Review Chapter 4 p. 242-245 # 5, 13, 15, 17,

29, 39, 47, 55, 61