

The work for each problem will be assigned a score according to the 4-point scale below. These scores will be summed to make the final *Rubric Score* which is out of 200 possible points. The assignment will then be assessed holistically according to the chart at the right.

4 All	The solution is elegant and correct in every aspect. Formal justification and/or proper mathematical work is given in support of the answer.
3 Mostly	The solution is mostly correct. Formal justification and/or mathematical work is given in support of the answer, but one of the following occurs: <ul style="list-style-type: none"> • There is a minor computational or sign error. • Some minor aspect of the problem is not addressed. • Improper or incorrect notation is used. • Work is correct but the wrong answer is given.
2 Some	The solution is partially correct. Some progress is made toward the answer and supporting work is given, but serious flaws occur which indicate gaps in understanding. <p style="text-align: center;">⟨or⟩</p> The answer is correct, but little justification and/or mathematical work is given in support of the answer, indicating gaps in understanding.
1 A Little Bit	The solution is not correct. Some progress occurs beyond just recopying parts of the problem. <p style="text-align: center;">⟨or⟩</p> The answer is correct, but no justification or mathematical work is given in support of the answer.
0 None	The solution is not correct. No progress occurs toward the answer.

AP CALCULUS SUMMER ASSIGNMENT SCORING CRITERIA		
Overall Grade	Rubric Score	Characteristics of Written Work
Level 5 = Exemplary 100% A+	At Least 190	<input type="checkbox"/> Exemplary Effort: All 50 Problems Attempted <input type="checkbox"/> Precise, Well-Labeled Graphs <input type="checkbox"/> Full Analyses Presented
Level 4 = Well Done 93% A	At Least 170	<input type="checkbox"/> Excellent Effort: At Least 46 Problems Attempted <input type="checkbox"/> Neat, Labeled Graphs <input type="checkbox"/> Full Analyses Presented for Most Problems
Level 3 = Accomplished 85% B	At Least 140	<input type="checkbox"/> Very Good Effort: At Least 41 Problems Attempted <input type="checkbox"/> Mostly Legible Graphs <input type="checkbox"/> Good Analyses Presented for Most Problems
Level 2 = Developing 76% C	At Least 100	<input type="checkbox"/> Good Effort: At Least 35 Problems Attempted <input type="checkbox"/> Some Legible Graphs <input type="checkbox"/> Some Analyses Presented for Most Problems
Level 1 = Beginning 66% D	At Least 50	<input type="checkbox"/> Poor Effort: At Least 25 Problems Attempted <input type="checkbox"/> Few Graphs Present <input type="checkbox"/> Some Analyses Presented for Some Problems
Level 0 = No Progress 55% F	Fewer than 50	<input type="checkbox"/> No Effort: Fewer Than 25 Problems Attempted <input type="checkbox"/> Few or No Graphs Present <input type="checkbox"/> Analyses Lacking