

Weekly Assignment 1 (Due Friday 8/8 at 11:59PM)

Overview: This assignment is worth **56 points**. Each question has multiple parts and each part is worth **4 points**. The grader determines your score for each part of each problem using the [Weekly Assignment Rubric](#). Specifically, the grader will be looking for evidence of conceptual understanding, correct mathematical reasoning, and excellent written-communication.

Guidelines: You are required to adhere to the Weekly assignment guidelines and the Use of Generative AI policy, which can be found on pages 3 and 4 of the [syllabus](#). Turn in your assignment via [gradescope](#).

Directions: Complete the following exercises from the [Active Calculus](#) textbook and write a detailed solution. You can click the links below to go directly to the exercise.

1. (20 points) Exercise [9.1.15](#)
 2. (20 points) Exercise [9.3.11](#)
 3. (16 points) Exercise [9.4.13](#).
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