

Weekly 3 (Due Friday 8/22 at 11:59PM)

Overview: This assignment is worth **40 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 assignment submission guidelines, both of which can be found on Page 3 of the **syllabus**. If you fail to follow the guidelines, you risk receiving no credit for your work. Turn in your assignment via **gradescope**.

Directions: Complete the following exercises from the **Active Calculus** textbook. You can click the links below to go directly to the exercise.

1. (16 points) Exercise **10.4.11**.
2. (8 points) Exercise **10.5.13**.
3. (16 points) Exercise **10.6.15**.