

## Weekly 3 (Due Friday 7/19/24 at 11:59PM)

**Overview:** This assignment is worth **76 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. (20 points) Exercise [10.2.14](#).
2. (16 points) Exercise [10.3.15](#).
3. (16 points) Exercise [10.4.11](#).
4. (8 points) Exercise [10.5.13](#).
5. (16 points) Exercise [10.6.15](#).