

Weekly Assignment 1 (Due Friday 7/5/24 at 11:59PM)

Overview: This assignment is worth **80 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 [9.1.15](#)
 2. (12 points) Exercise [9.1.17](#) (Parts(c)-(f) will count as a single part, and will be worth 4 points total)
 3. (12 points) Exercise [9.2.16](#)
 4. (20 points) Exercise [9.3.11](#)
 5. (16 points) Exercise [9.4.15](#). Here's a useful tool for visualizing part (d): [GeoGebra: Parallelepiped](#).
-