

## Part I (due at the beginning of class Tuesday, September 10)

To get back into some calculus mindset, read [Section 1 in Active Calculus](#). You don't need to complete all the activities, just the preview activity as listed in the Reading Questions below.

Please record these 3 parts for Part I:

- (a) Your responses to the reading questions below.
- (b) Your own questions/comments on the reading.
- (c) The amount of time you spent on Part I (including the time spent reading).

### Reading Question(s)

1. Preview Activity 1.1.1.

## Part II: Problems (due at the beginning of class Tuesday, September 10)

1. Write a full, detailed solution to one of the other problems (besides the water in cups one) from the purple sheet that we worked on in class Tuesday and Thursday.

Work to ensure that your solution could be well understood by a classmate, using illustrations, tables, etc., as appropriate. After your solution, also write a brief reflection on your problem-solving and solution-writing process for this problem: what things did you try that didn't work out? Where did you get stuck? What was easy to explain and what was hard to explain? What general problem solving approaches did you use that you could apply in other situations as well?