

## Part I (due at the beginning of class Thursday, September 11)

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.

Then, for some limit review, read [Section 1.2 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.
- 2. Preview Activity 1.2.1.

## Part II: Problems (due at the beginning of class Tuesday, September 16)

- 1. Write a full, detailed solution to question 2 from the turquoise Functions and Limits handout (the one about the rope around the equator of the earth) and also to this followup question: what's the smallest segment of rope you would need to add for you personally to be able to walk beneath the rope?

Work to ensure that your solution could be well understood by a classmate, using illustrations, tables, etc., as appropriate.