

MATH:113, Recitations 304 and 305

February 13th Lesson Plan

Our goals for this class period are practicing:

- (i) figuring out where functions are *and aren't* continuous;
- (ii) understanding and using the intermediate value theorem;
- (iii) reinforcing mathematical *and* intuitive definitions of the derivative.

The structure for this class period will (mostly) be a “typical recitation.” Given the volume of problems, most groups will not finish during the class period — this is intentional, as it gives the students a set of practice problems to take home, for which solutions are released the day before their exam. We’ll encourage students to attack difficult problems first and ask lots of questions, especially given their professor will be there: this way, we can help students hone their problem-solving skills and get *lots* of feedback in real-time.

1-2 minutes	Opening remarks; reminding students of my office hours, Prof. Andreani’s office hours, the LAs’ office hours, and the date of their upcoming exam. During this time, Brooks and Iman will be asked to pass out copies of the worksheet; students will be reminded that these worksheets are already up on Blackboard, and solutions will be released on Wednesday.
Remainder	Helping students through the content on the worksheets.