

PRE-CLASS ACTIVITY

Math 1110 - Instructor: Itamar Oliveira

NAME: _____
due next class

- (1) Section 2.1 deals with rates of change and tangents to curves. Look at the picture on page 44 and explain, using your own words, how we can use secant lines to define the *the slope of a curve at a point*. **This is a fundamental concept in Calculus**, and we will come back to it when we talk about derivatives.
- (2) An exercise to review what we saw in today's class: look at the picture below and explain how to sketch the graph of the inverse of a one-to-one function (come to office hours if you struggle, it's okay!).

