

Reading Assignment for Sections 2.1 and 2.2

MATH 130: Calculus I, Sections 2 and 3
Fall Semester 2013

Follow the general guidelines for the Reading Assignment (the salmon colored handout). Be sure to include and label all four standard parts a,b,c,d of the Reading Assignment in what you hand in. Be sure to **staple** together each assignment, and include your **name** and which **section** of calculus you are in at the top.

Due: at the beginning of class on Friday, September 6th

Read:

Section 2.1, pages 50-54

Section 2.2, pages 56-61

Reading Questions for part (a):

1. Describe a process for finding the slope of the line tangent to the graph of f at $(a, f(a))$. Include a picture in your description.
2. Is the following statement true or false: “When $\lim_{x \rightarrow a} f(x)$ exists, it always equals $f(a)$.”? Explain your answer carefully.
3. What pitfalls are we warned about in section 2.2, both in relation to graphing utilities and in relation to tables? Explain.

Remember parts b-d on the salmon handout!