

Calculus I: Quiz Block Assignment 8

Due in Quiz Block Week 12 (Nov 13th)

Instructions: For each problem listed below, write out the problem number, problem statement and solution making sure to underline or box your final answers. Show all your work just as you would do on a quiz or exam. You will be given feedback on this assignment that will take into account the correctness of both your final answer and your work leading up to your answer. Your neatly written solutions should be stapled and must contain the following information on the front page:

• Your name

• Your RIN

• Quiz Block Assignment 8

L'Hopital's Rule and Optimization

- Problem Set from Rogawski/Adams/Franzosa *Calculus: Early Transcendentals, 4th ed.*
 - Section 4.5, exercises: 8, 42, 48
 - Section 4.7, exercises: 14, 31, 47