

Homework 5

Do the following exercises from Stewart's *Single Variable Calculus*:

- Section 2.10: 3, 4(a,b), 8, 13, 14, 21, 23
- Section 3.1: 3, 4, 5, 6, 7, 8, 9, 19, 22, 45

Note: For the questions in 3.1, you are encouraged to use the Power Rule to evaluate derivatives in lieu of the definition.