

MATH 151 Homework 12

Due 2/25

Read Section 3.3.

Do Section 3.3 Exercises 7, 9, 10, 11, 13, 14, 18, 28, 59, 61, 66, 71

Also, do the following exercises.

SF36. Use the definition of the derivative to prove that if f and g are both differentiable, then

$$\frac{d}{dx} [f(x) - g(x)] = f'(x) - g'(x)$$