Homework Assignment for Week 04

1. Section 3.6: Do as many as time permits from problems 51, 53, $\cdots$, 75.

2. Assume $g(2) = 3$, $g'(2) = 0.1$, $f'(2) = 3$, $f'(3) = 4$ and $f'(4) = 5$. What is $\frac{d}{dx} f(g(x))$ at $x = 2$?

3. Section 3.7: problems 27, 31, 42, 48.