

Homework Assignment for Week 04

1. Section 3.5: problems 17, 49, 57, 58.
2. Section 3.6: Do as many as time permits from problems 51, 53, \dots , 77.
3. 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 $x = 2$?
4. Section 3.7: problems 27, 31, 42, 48.