2.6 Handout

1. Find the derivative function of $g(x) = (x+1)^2$.

2. Find the derivative of the function $h(t) = (t+1)^3$ with repeated product rule.

3. Let $f(x) = \dfrac{x}{3 - 7x}$. Find $f'(x)$.

4. Let $g(t) = \dfrac{1}{(1+x)^2}$. Compute $g'(t)$.