Math 150 HW from section 9.1 

(2) \( f(x) = \frac{1}{3} (x-1)^5 - 2 \) 

(i) \( h(x) = x^5 \) 

(i) \( g(x) = (x-1)^5 \) 

(ii) \( k(x) = \frac{1}{3} g(x) = \frac{1}{3} (x-1)^5 \) 

(iii) \( f(x) = \frac{1}{3} (x-1)^5 - 2 \)