Quiz 2

1. (2 points). Let $k_0(t) = 2^t$, and let $k_1(t)$ be the function obtained by shifting the graph of k_0 by 5 units to the left. Simplify $k_1(t)/k_0(t)$. How else could one obtain $k_1(t)$ by manipulating the graph of k_0?

2. (3 points). Find the inverse f^{-1} of $f(x) = \frac{1+e^x}{1+2e^x}$. What is the domain and range of f?