Quiz 5
(Section 1.6)

Name: _____

1. Assume we are given a graph of function $f(x)$. We want to graph function $g(x) = 2f(x+7)-10$. List the transformations (in order) we need to do to get the graph of $g(x)$ from the graph of $f(x)$.

1st transformation:

2nd transformation:

3rd transformation:

2. Use the graph of function $f(x) = x^3$ to graph function $h(x) = -(x-3)^3 + 4$.
   Show all the transformations.