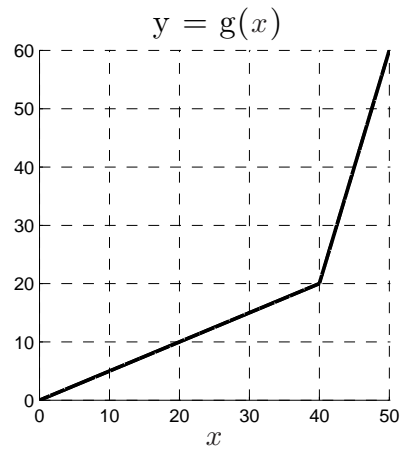
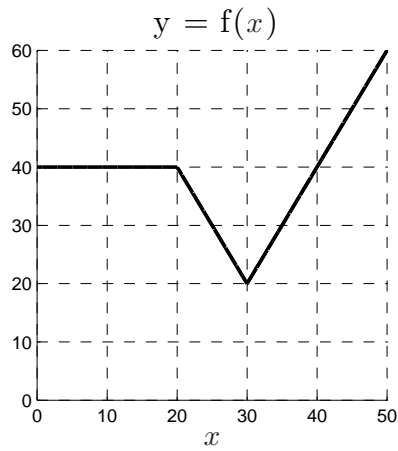


4. (10 points) Consider the graphs of $f(x)$ and $g(x)$ below. Let $h(x) = f(g(x))$.



(a) Evaluate $h'(30)$ exactly. Show your work.

(b) Determine the range of values of x for which $h'(x) < 0$. Justify your answer.