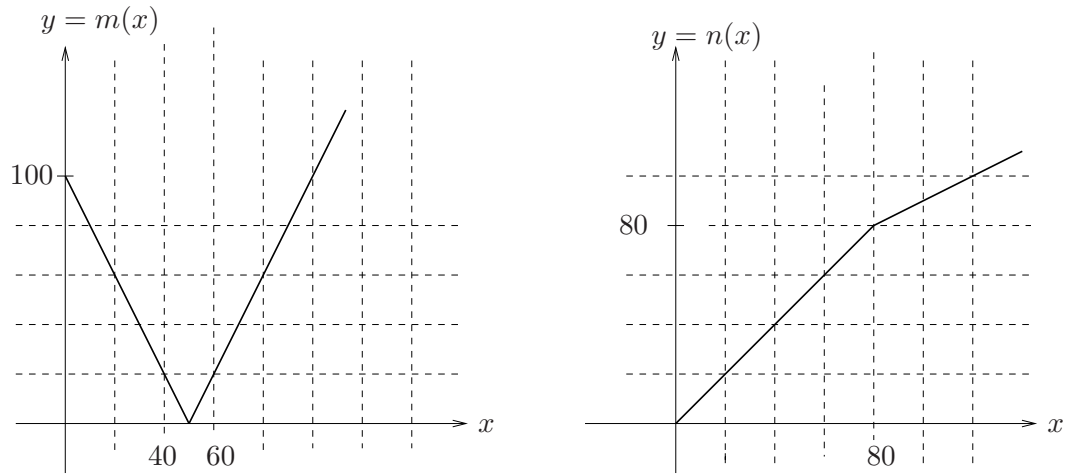


3. (6 points each) Consider the graphs of $m(x)$ and $n(x)$ below. Let $h(x) = n(m(x))$. Find the following, or explain why they do not exist. The function m has a sharp corner at $x = 50$ and n has a sharp corner at $x = 80$. Determine values that exist as *exact* values—*i.e.*, not a graphical approximation. Please circle your answers.



(a) $h'(80)$

(b) a value of x such that $h'(x) = -2$