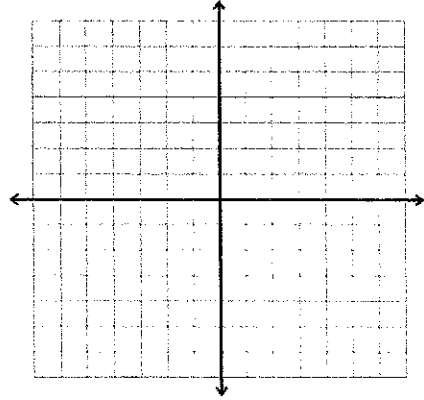


Name: _____

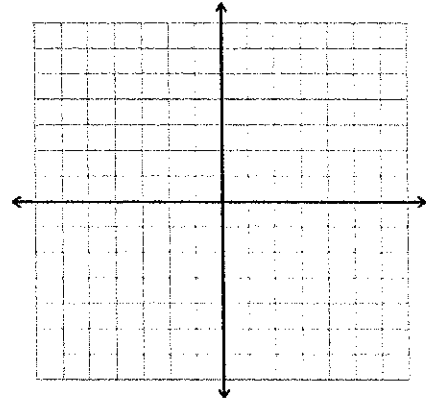
Piecewise Functions HW

1) Graph each function.

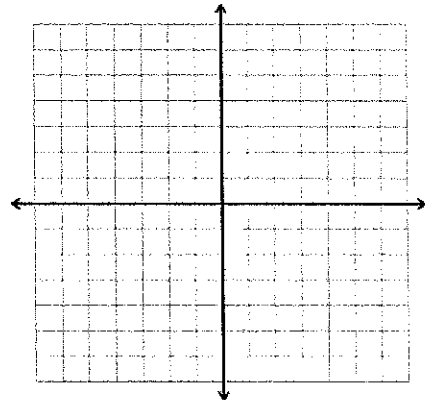
a. $f(x) = \begin{cases} 2x & \text{for } x \geq 2 \\ -x+3 & \text{for } x < 2 \end{cases}$



b. $f(x) = \begin{cases} -x, & \text{for } x > 2 \\ x-4, & \text{for } x \leq 2 \end{cases}$



c. $f(x) = \begin{cases} x+2 & \text{for } x \geq -1 \\ 2x & \text{for } x < -1 \end{cases}$



2) Write the piecewise function for each graph.

