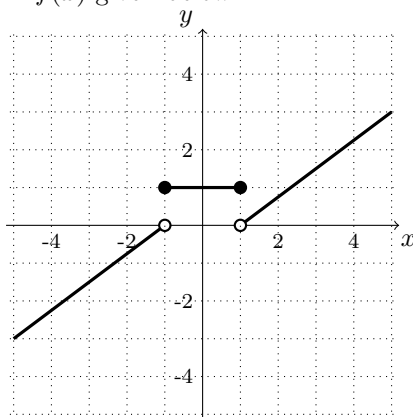
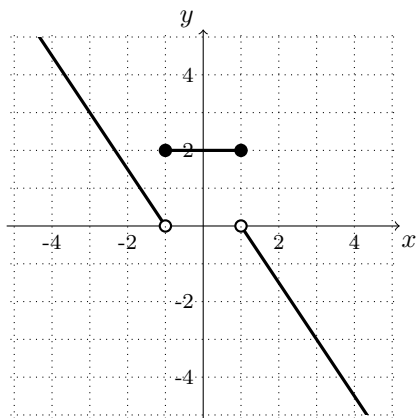


9. [8 points] Consider the graph of  $y = f(x)$  given below.

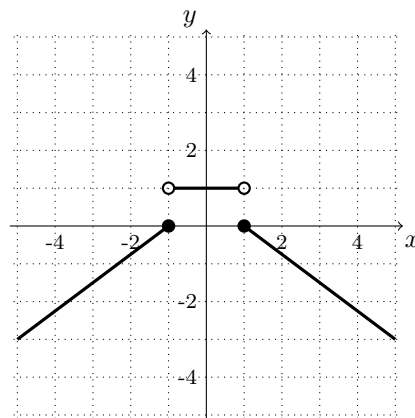


For each of the graphs below, if the graph is a (combination of) transformation(s) of the graph of  $y = f(x)$ , write an expression *in the space provided* that gives this (combination of) transformation(s). If the given graph is not a combination of vertical and horizontal shifts, stretches, compressions and reflections of the graph of  $y = f(x)$ , write NOT A TRANSFORMATION.

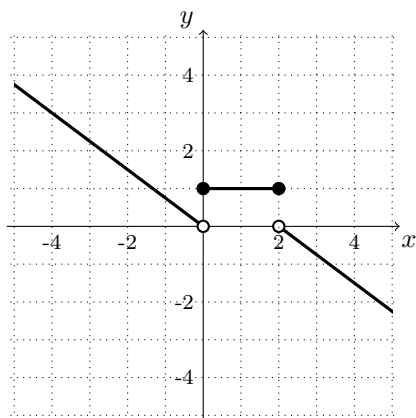
You do not need to show any work for this problem.



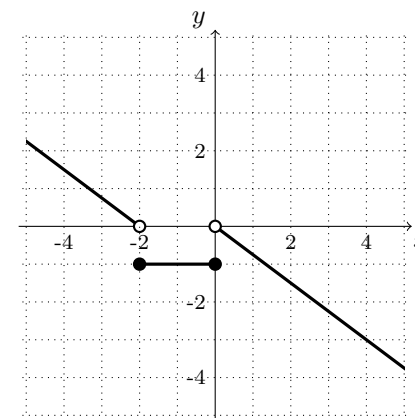
This is the graph of  $y =$             $2f(-x)$           



This is the graph of  $y =$            NOT A TRANSFORMATION          



This is the graph of  $y =$             $f(-x + 1)$           



This is the graph of  $y =$             $-f(x + 1)$