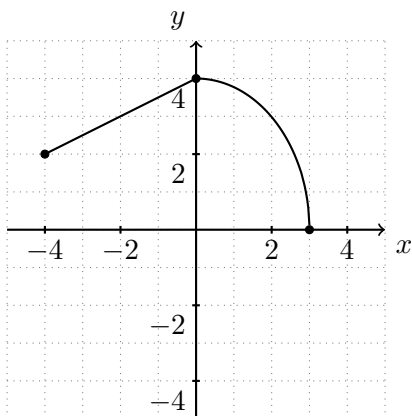
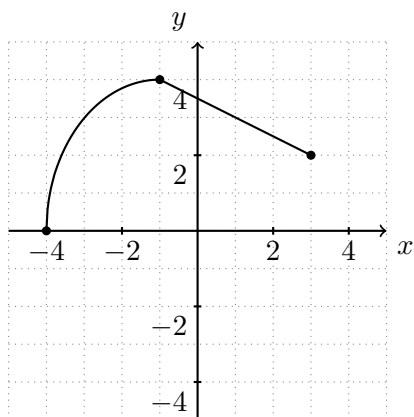


7. [8 points] Consider the following graph of a function  $y = q(x)$  defined on  $[-4, 3]$ .

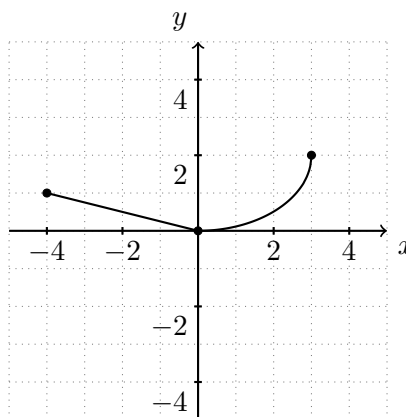


For each of the following graphs, if the graph is not a combination of shifts, stretches, compressions and reflections of the graph of  $y = q(x)$ , write NOT A TRANSFORMATION. Otherwise, write a formula for the function corresponding to graph in terms of  $q(x)$ .



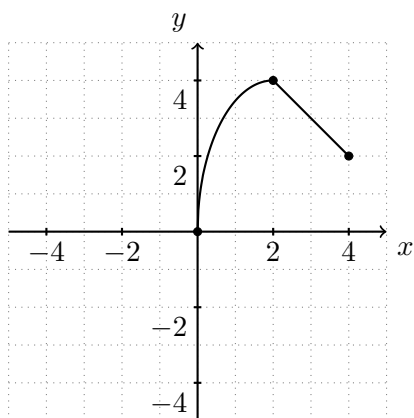
This is the graph of

$y =$  \_\_\_\_\_.



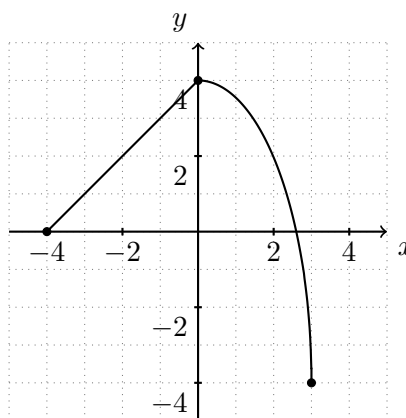
This is the graph of

$y =$  \_\_\_\_\_.



This is the graph of

$y =$  \_\_\_\_\_.



This is the graph of

$y =$  \_\_\_\_\_.