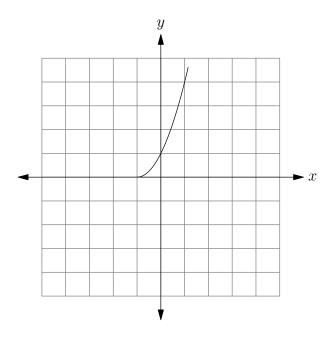
NAME:

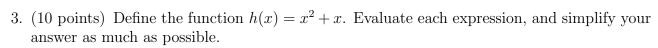
1. (5 points) Part of a graph is shown below. Suppose you know this graph is symmetric with respect to the x-axis. Use this information to sketch the remaining part of the graph.



2. (5 points) Consider the following equation.

$$y^3 = x^2 + 1$$

Test this equation to see if the solutions are symmetric with respect to the x-axis, the y-axis, or the origin.



(a)
$$h(-5)$$

(b)
$$h(2)$$

(c)
$$h(x+3)$$