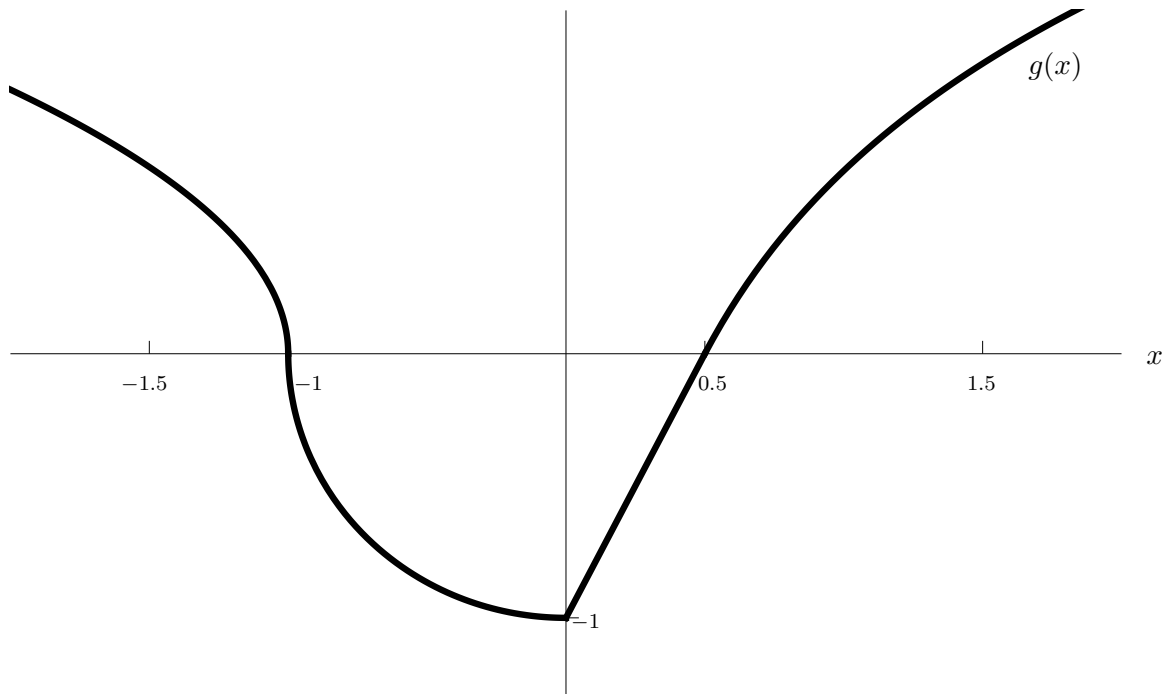


5. [11 points] A function  $g(x)$  is graphed below. The curve forms a quarter circle between  $x = -1$  and  $x = 0$  and a line between  $x = 0$  and  $x = 0.5$



On the axes below, sketch a well-labeled graph of  $f(x)$ , an antiderivative of  $g(x)$ , satisfying  $f(0) = -1$ . Be sure to label the coordinates of  $f(x)$  at  $x = -1$  and  $x = 0.5$ .

