6. [10 points] A portion of the graph of $y=g(x)$ is shown below.


On the axes below, sketch the graph of $y=g^{\prime}(x)$.
Be sure that you pay close attention to each of the following:

- where $g^{\prime}$ is defined
- the value of $g^{\prime}(x)$ near each of $x=-5,-4,-3,-2,-1,0,1,2,3,4,5$
- the sign of $g^{\prime}$
- where $g^{\prime}$ is increasing/decreasing/constant


