**4**. [8 points] The graph of a function f is shown below.



On the axes below, sketch a graph of f'(x) (the derivative of the function f(x)) on the interval -5 < x < 4. Be sure that you pay close attention to each of the following:

- where f' is defined
- the value of f'(x) near each of x = -5, -4, -3, -2, -1, 0, 1, 2, 3, 4
- the sign of f'
- where f' is increasing/decreasing/constant

