- 10. [10 points] On the axes provided below, sketch the graph of a single function y = h(x) satisfying all of the following:
 - h(x) is defined for all x in the interval -6 < x < 6.
 - h'(x) < 0 for all x < -3.
 - $\bullet \lim_{x \to -2^+} h(x) = -1.$
 - h'(0) = 0.
 - The average rate of change of h(x) between x = -1 and x = 2 is 1.
 - h(x) is not continuous at x = 3.
 - h(x) > 0 for all x > 3.
 - h'(x) > 0 for all x > 4.

Make sure that your sketch is large and unambiguous.

