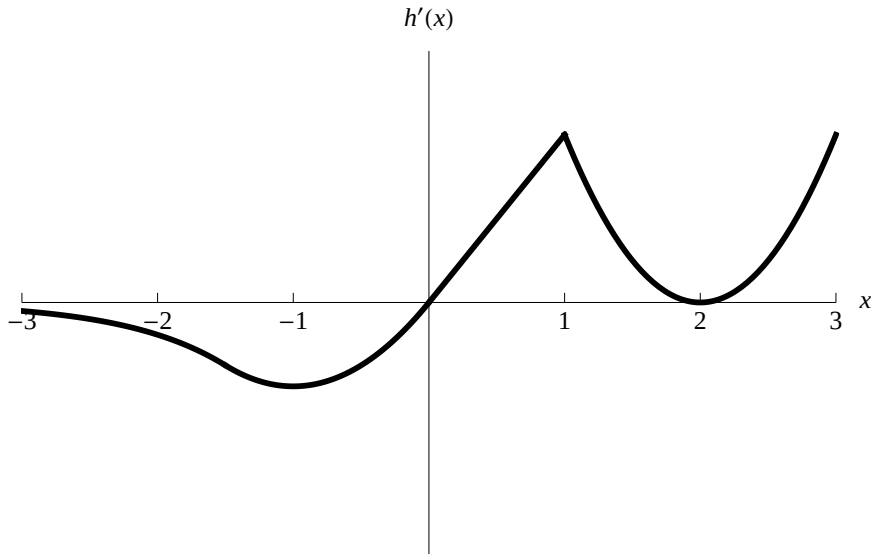
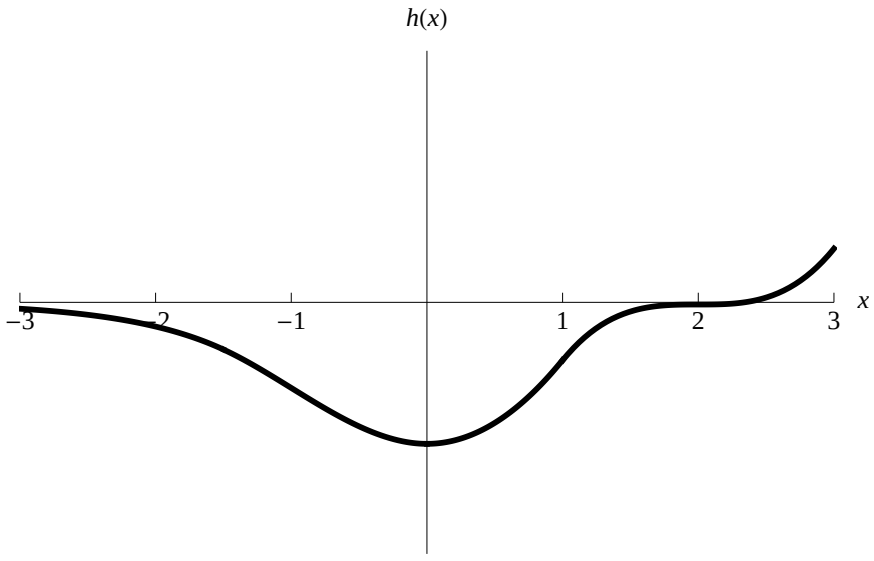
1. [10 points] Given below is a graph of $h'(x)$, the derivative of a function $h(x)$.



(a) On the axes below, sketch a possible graph of $h(x)$.



(b) List the x-coordinates of all inflection points of h. $x = -1, 1, 2.$

(c) Give the x-coordinate of the global minimum of h on [-3,3]. $x = 0.$

(d) Give the x-coordinate of the global maximum of h on [-3,3]. $x = 3.$