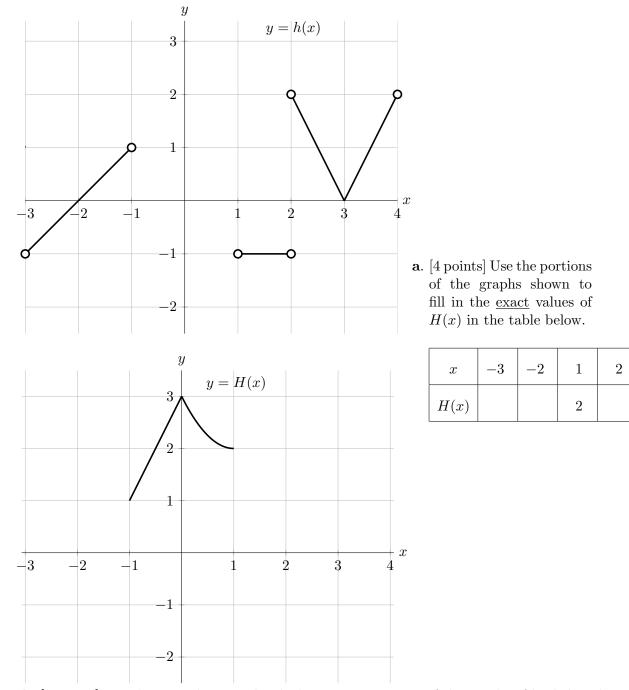
6. [11 points] Suppose h(x) is a function and H(x) is an antiderivative of h(x) such that H(x) is defined and continuous on the entire interval $-3 \le x \le 4$. Portions of the graphs of h(x) and H(x) are shown below.



- **b.** [7 points] Use the axes above to sketch the missing portions of the graphs of <u>both</u> h and H over the interval $-3 \le x \le 4$.
 - Be sure that you pay close attention to each of the following:
 - the values of H(x) you found in part (a) above
 - \bullet where H is/is not differentiable
- where *H* and *h* are increasing, decreasing, or constant
- the concavity of the graph of y = H(x)

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