Example 1. Let \( p(t) = -4.9t^2 + 3.5t + 2 \) (as in Section 2.1, Example 1). Later in the course we will show that \( p'(t) = -9.8t + 3.5 \). Assume for now that this is true.

(a) Find the velocity at \( t = 2.3 \).
(b) Find when the velocity will be 0.
Example 2. (Based on Hughes-Hallett, 4e, 2.2#4) Based on the following graph of the function \( f(x) \), make a rough sketch of the graph of \( f'(x) \).