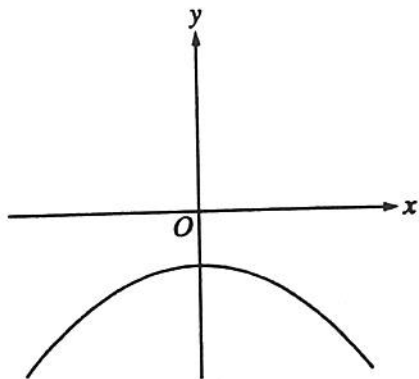


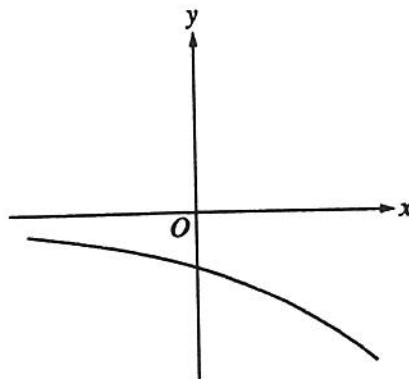
7. The graph of f' , the derivative of the function f , is shown above. Which of the following statements is true about f ?
- (A) f is decreasing for $-1 \leq x \leq 1$.
 - (B) f is increasing for $-2 \leq x \leq 0$.
 - (C) f is increasing for $1 \leq x \leq 2$.
 - (D) f has a local minimum at $x = 0$.
 - (E) f is not differentiable at $x = -1$ and $x = 1$.

10. The function f has the property that $f(x)$, $f'(x)$, and $f''(x)$ are negative for all real values x . Which of the following could be the graph of f ?

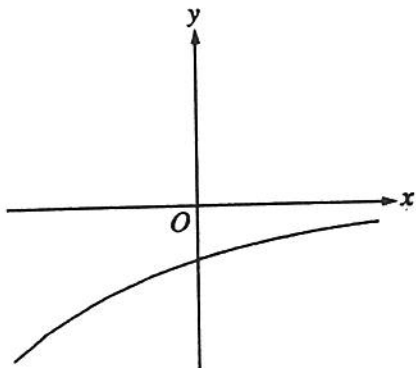
(A)



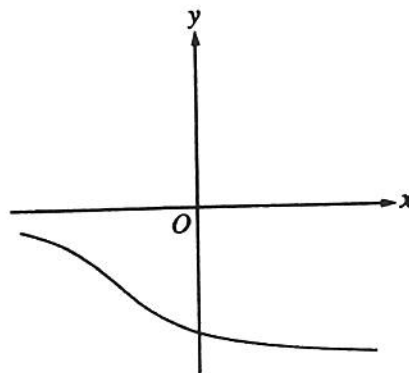
(B)



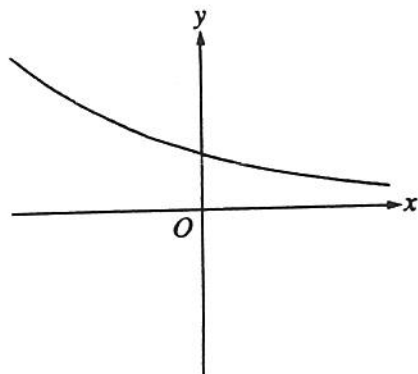
(C)

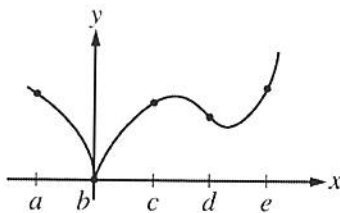


(D)

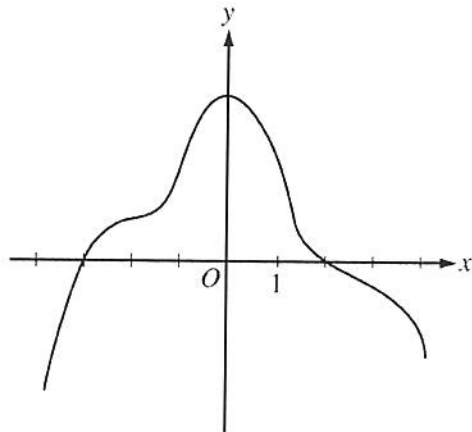


(E)



B**B****B****B****B****B****B****B****B**Graph of f

76. The graph of the function f is shown in the figure above. For which of the following values of x is $f'(x)$ positive and increasing?
- (A) a (B) b (C) c (D) d (E) e

B**B****B****B****B****B****B****B****B**Graph of f'

80. The graph of f' , the derivative of the function f , is shown above. Which of the following statements must be true?
- I. f has a relative minimum at $x = -3$.
 - II. The graph of f has a point of inflection at $x = -2$.
 - III. The graph of f is concave down for $0 < x < 4$.
- (A) I only (B) II only (C) III only (D) I and II only (E) I and III only