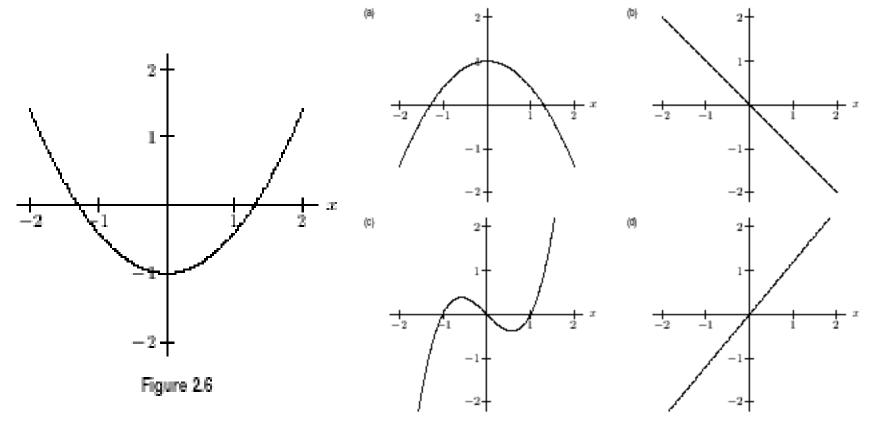
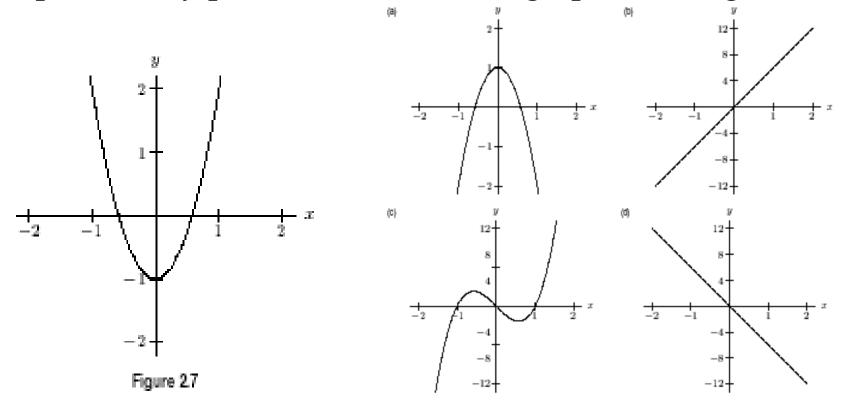


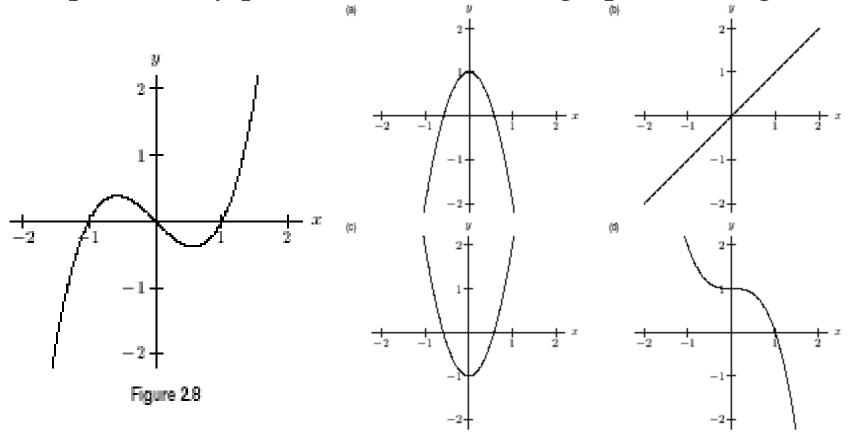
Which of the following graphs (a)-(d) could represent the slope at every point of the function graphed in Figure 2.6?



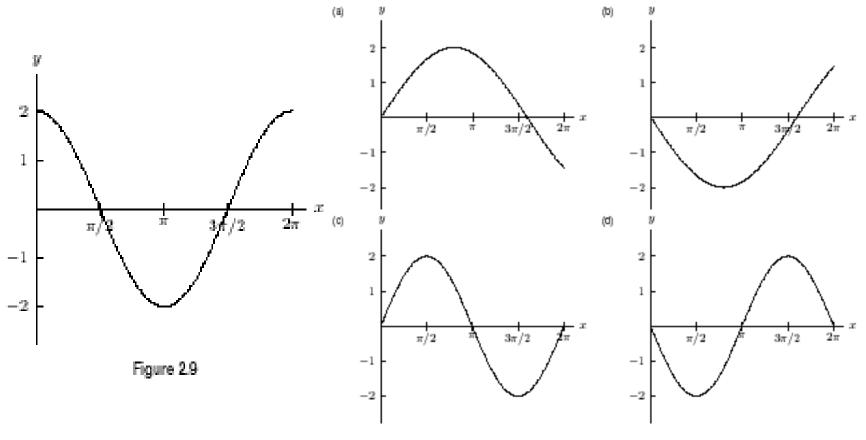
Which of the following graphs (a)-(d) could represent the slope at every point of the function graphed in Figure 2.7?



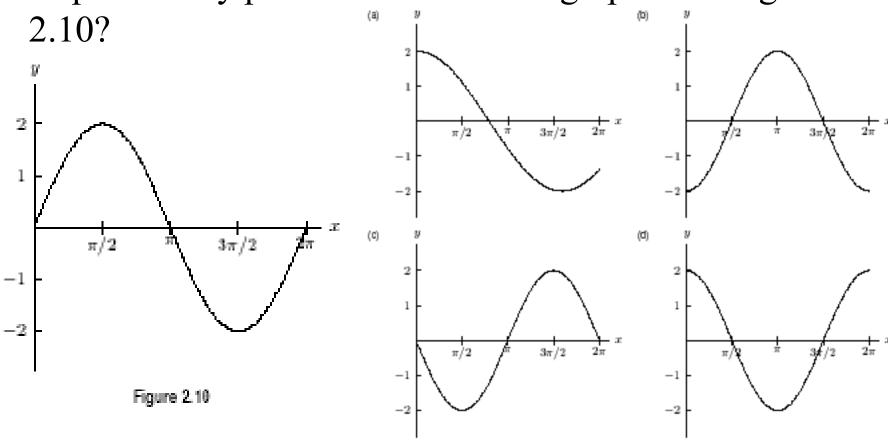
Which of the following graphs (a)-(d) could represent the slope at every point of the function graphed in Figure 2.8?



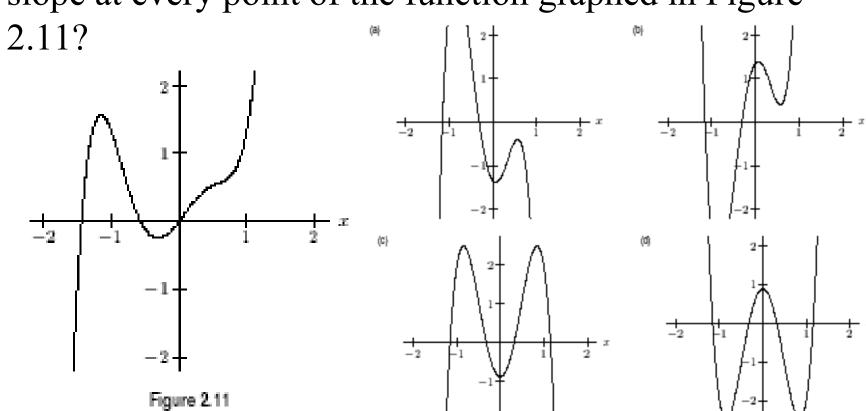
Which of the following graphs (a)-(d) could represent the slope at every point of the function graphed in Figure 2.9?



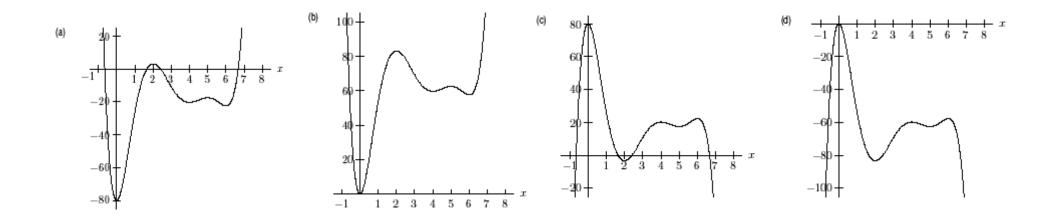
Which of the following graphs (a)-(d) could represent the slope at every point of the function graphed in Figure



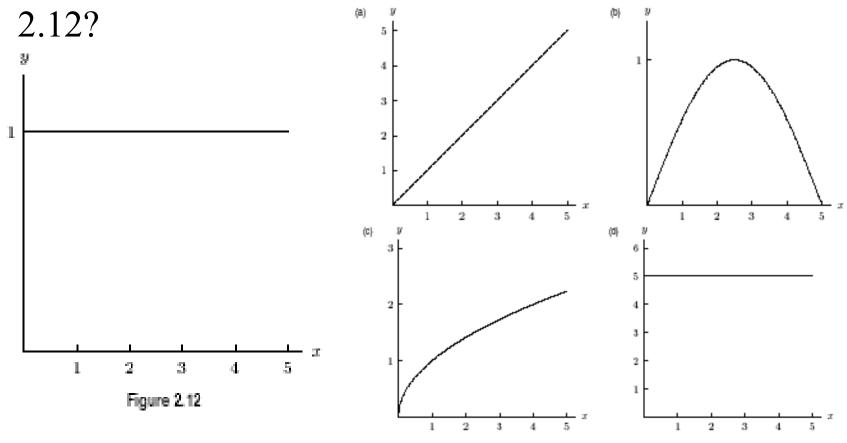
Which of the following graphs (a)-(d) could represent the slope at every point of the function graphed in Figure



Suppose f'(x) < 0, for 0 < x < 2, for 4 < x < 5, and for 6 < x. f'(x) > 0, for x < 0, for 2 < x < 4, and for 5 < x < 6. Which of the graphs (a)-(d) could be the graph of f(x)?

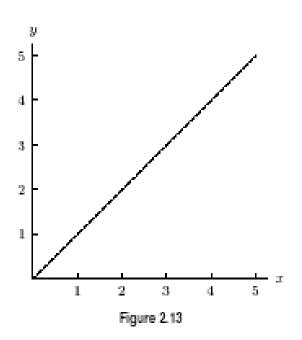


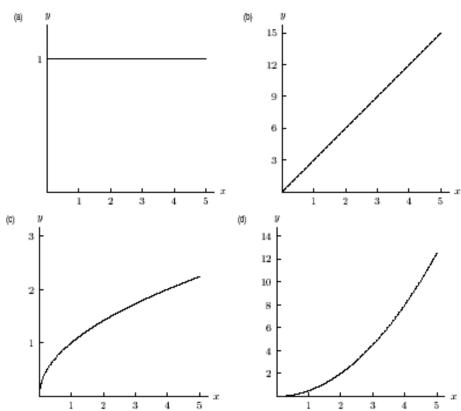
Which of the following graphs (a)-(d) could represent the function whose slope at every point is graphed in Figure



Which of the following graphs (a)-(d) could represent the the function whose slope at every point is graphed in

Figure 2.13?





Which of the following graphs (a)-(d) could represent the function whose slope at every point is graphed in Figure



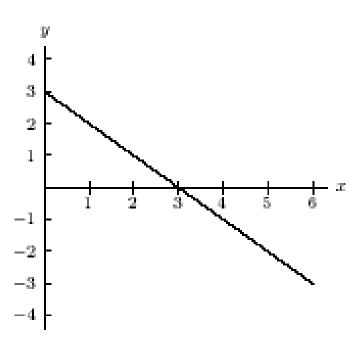
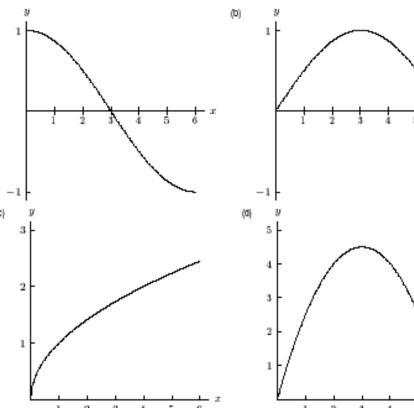
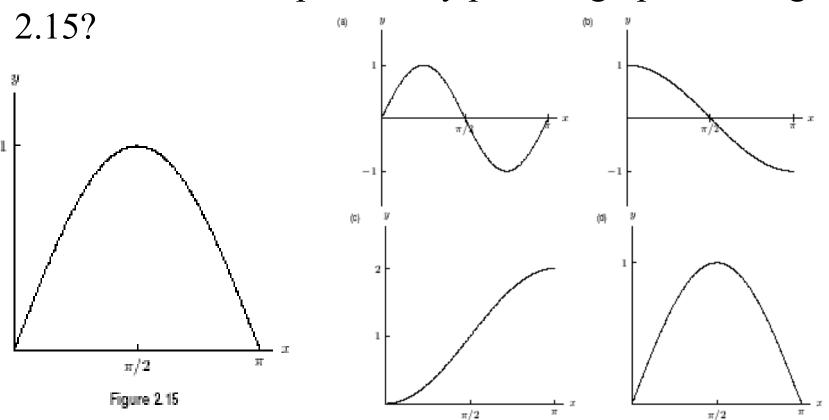


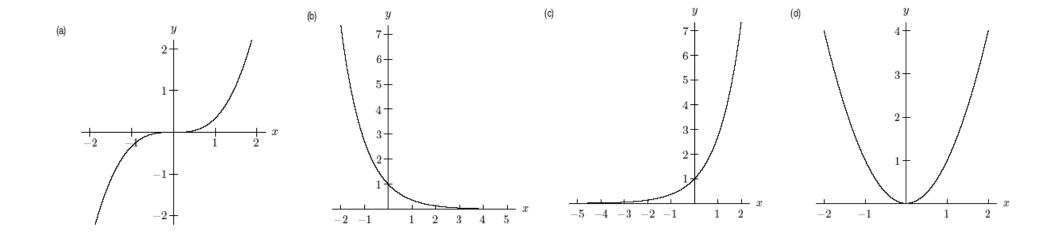
Figure 2.14



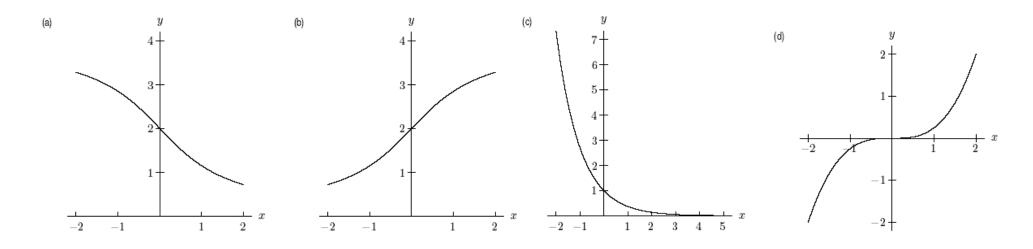
Which of the following graphs (a)-(d) could represent the function whose slope at every point is graphed in Figure



Which of the following is a graph of a function that is equal to its own derivative, that is, f'(x) = f(x).



Which of the following is a graph of a function that is equal to the negative of its own derivative, that is, f(x) = -f'(x).



• 21. Given the numerical values shown, find approximate values for the derivative of f at each of the x-values given. Where is the rate of change positive? Where is it negative? Where does the rate of change seem to be greatest?

- $x \mid f(x)$
- 0 | 18
- 1 | 13
- 2 | 10
- 3 | 9
- 4 | 9
- 5 | 11
- 6 | 15
- 7 | 21
- 8 | 30