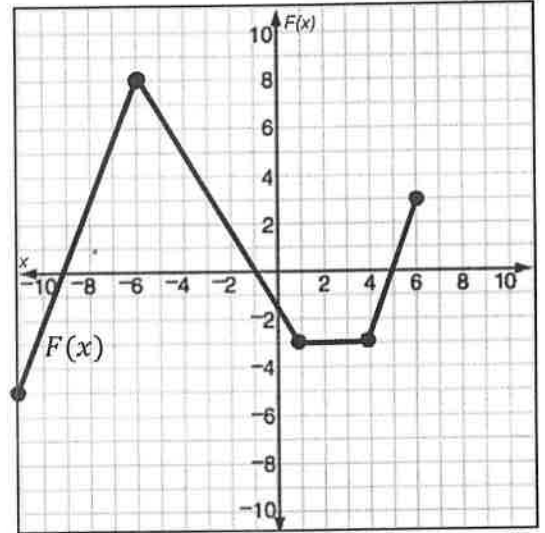


5.2 Graphs of Functions

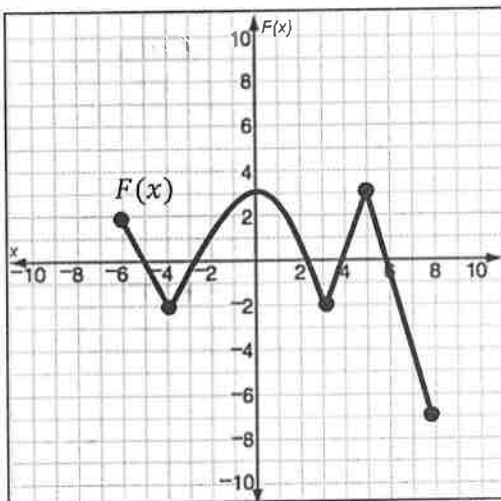
Corrective Assignment

Find the values using the graph.

1. $F(3) =$
2. $F(0) =$
3. y-intercept =
4. x-intercepts =
5. Where is $F(x)$ decreasing?
6. Where is $F(x)$ negative?
7. Where is $F(x)$ increasing?
8. Where is $F(x)$ constant?
9. $F(-4) =$
10. $F(8) =$



11. If $F(x) = 0$, find x.
12. If $F(x) = -8$, find x.
13. If $F(x) = -5$, find x.
14. $F(-2) =$
15. What is the domain of $F(x)$?
16. What is the range of $F(x)$?
17. What is the maximum of $F(x)$?



18. What is the range of $F(x)$?
19. $F(8) =$
20. If $F(x) = -4$, find x.
21. Where is $F(x)$ decreasing?
22. What is the maximum of $F(x)$?
23. x-intercepts =
24. y-intercept =
25. If $F(x) = 0$, find x.
26. $F(-4) =$
27. Where is $F(x)$ increasing?
28. $F(2) =$

29. What is the domain of $F(x)$?
30. Where does $F(x)$ have a constant rate of change?
31. Where is $F(x)$ increasing?

32. If $F(x) = 6$, find x.
33. Where is $F(x)$ negative?
34. What is the minimum of $F(x)$?
35. $F(7) =$

36. What part(s) of the domain are nonlinear?
37. What part(s) of the domain are linear?
38. If $F(x) = 3$, find x.