

C2L5 Answers

7. B

8. E

9. H

10. D

11. I

12. A

13. L

14. C

15. F

16. J

17. G

18. K

19. $y = (x - 4)^3$

20. $y = (x + 4)^3$

21. $y = x^3 + 4$

22. $y = x^3 - 4$

23. $y = (-x)^3$

24. $y = -x^3$

25. $y = 4x^3$

26. $y = \frac{1}{4}x^3$

27. a. $y = \sqrt{x} + 2$

28. a. $y = -\sqrt{x}$

b. $y = -(\sqrt{x} + 2)$

b. $y = -\sqrt{x - 3}$

c. $y = -(\sqrt{-x} + 2)$

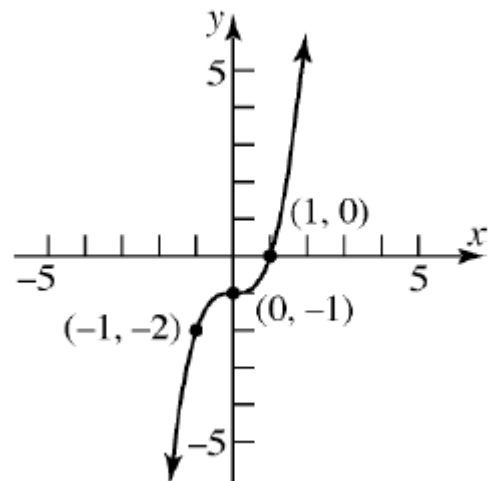
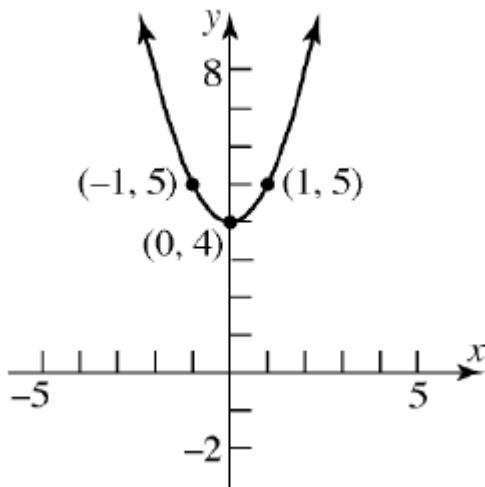
c. $y = -\sqrt{x - 3} - 2$

29. a. $y = -\sqrt{x}$
 b. $y = -\sqrt{x} + 2$
 c. $y = -\sqrt{x+3} + 2$

30. a. $y = \sqrt{x} + 2$
 b. $y = \sqrt{-x} + 2$
 c. $y = \sqrt{-x-3} + 2$

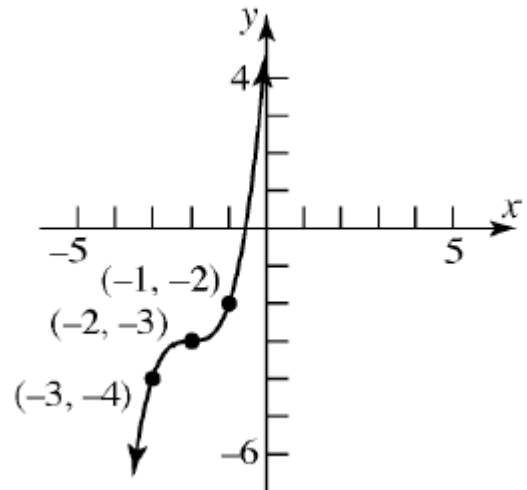
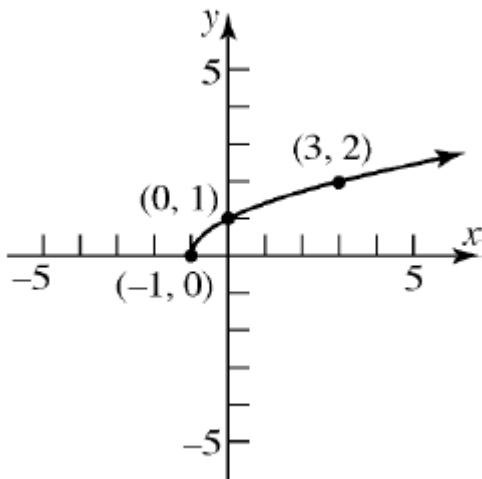
40. **D:** $(-\infty, \infty)$
R: $[4, \infty)$

42. **D:** $(-\infty, \infty)$
R: $(-\infty, \infty)$



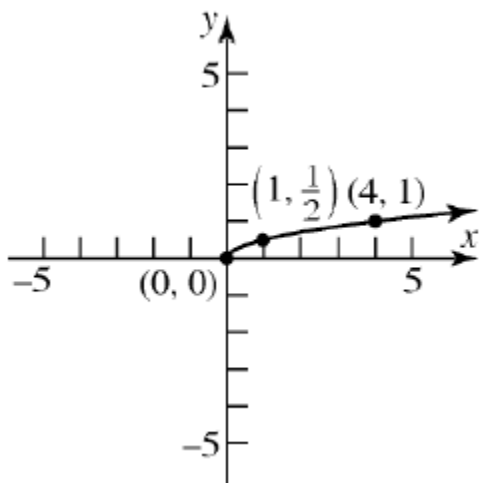
44. **D:** $[-1, \infty)$
R: $[0, \infty)$

46. **D:** $(-\infty, \infty)$
R: $(-\infty, \infty)$



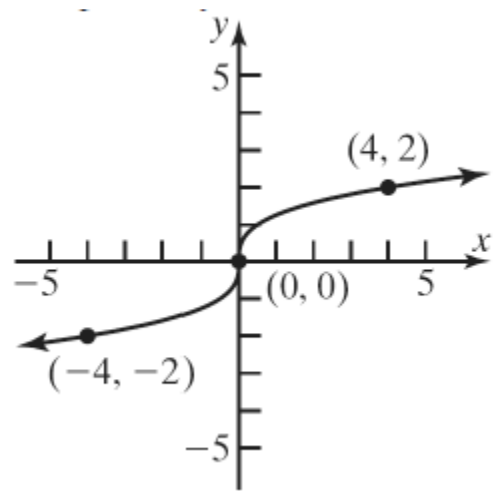
48. **D:** $[0, \infty)$

R: $[0, \infty)$



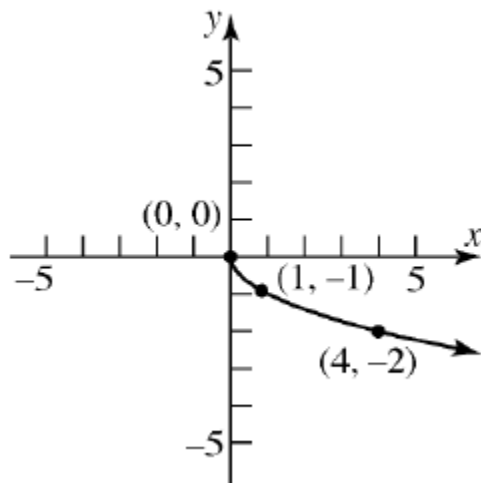
50. **D:** $(-\infty, \infty)$

R: $(-\infty, \infty)$



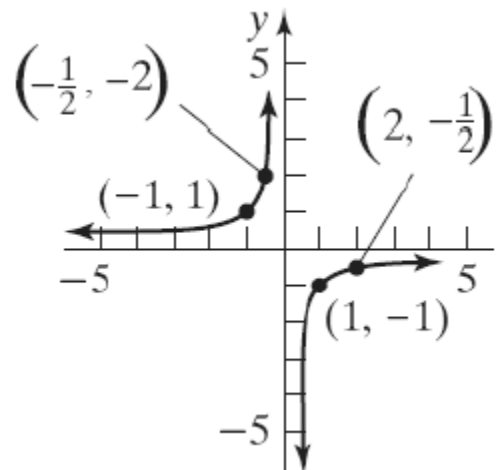
52. **D:** $[0, \infty)$

R: $(-\infty, 0]$



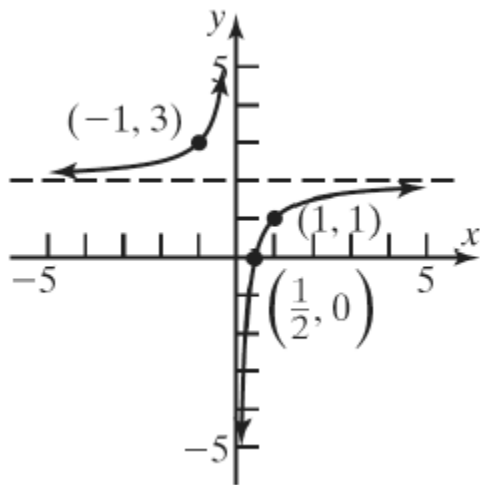
54. **D:** $(-\infty, 0) \cup (0, \infty)$

R: $(-\infty, 0) \cup (0, \infty)$



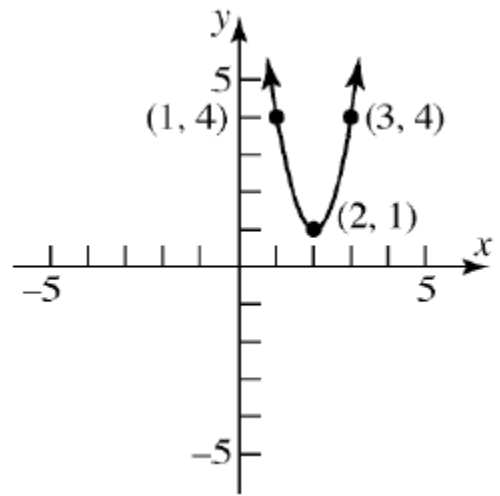
56. **D:** $(-\infty, 0) \cup (0, \infty)$

R: $(-\infty, 2) \cup (2, \infty)$



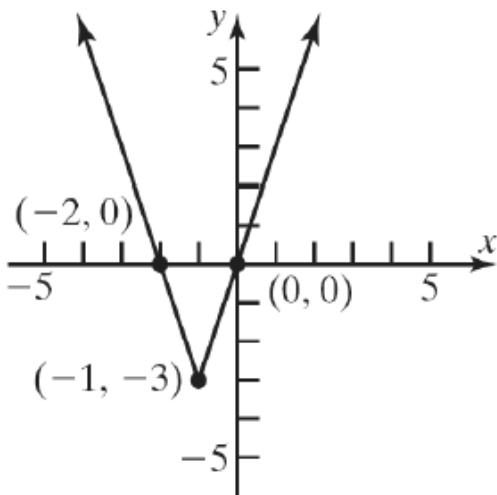
58. **D:** $(-\infty, \infty)$

R: $[1, \infty)$



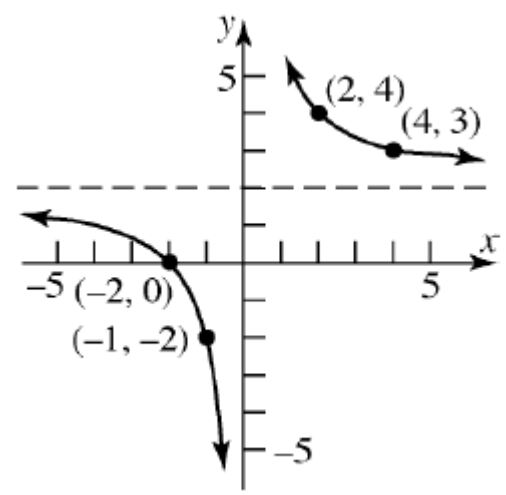
60. **D:** $(-\infty, \infty)$

R: $[-3, \infty)$



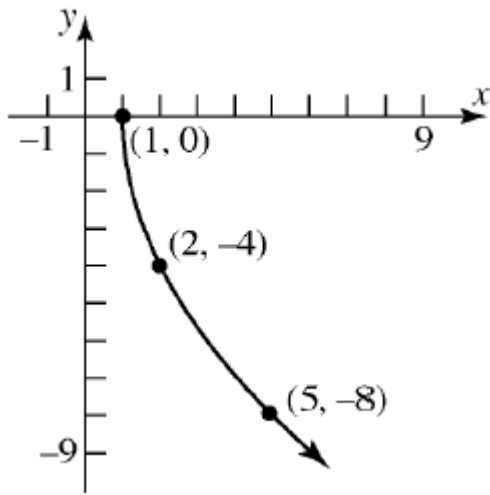
62. **D:** $(-\infty, 0) \cup (0, \infty)$

R: $(-\infty, 2) \cup (2, \infty)$



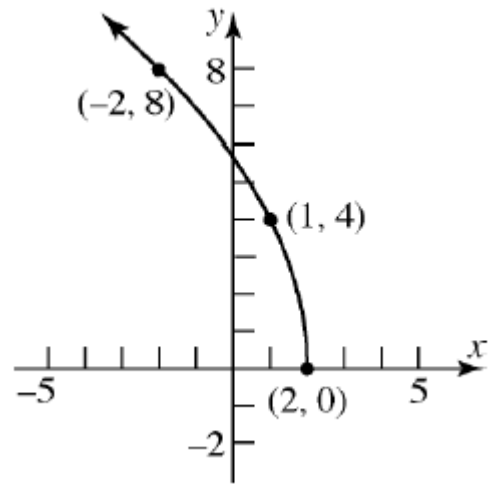
64. **D:** $[1, \infty)$

R: $(-\infty, 1]$

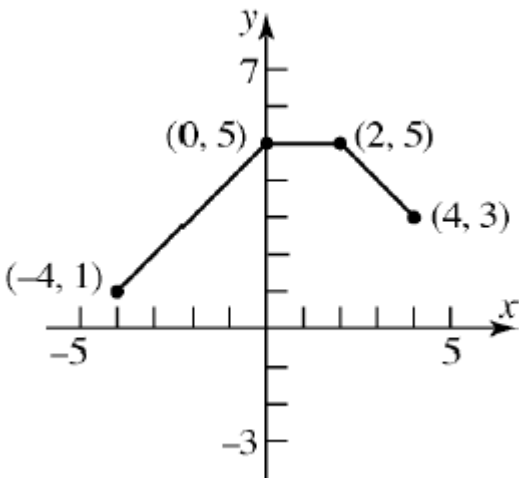


66. **D:** $(-\infty, 2]$

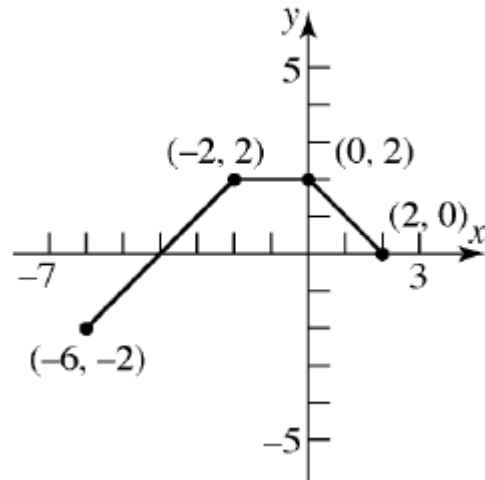
R: $[0, \infty)$



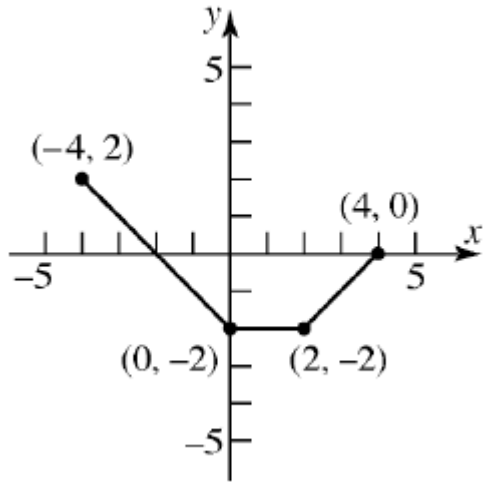
69. a.



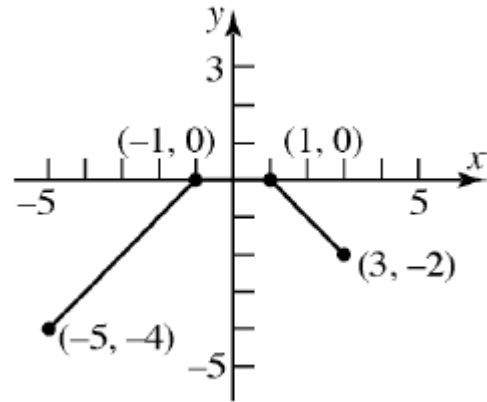
b.



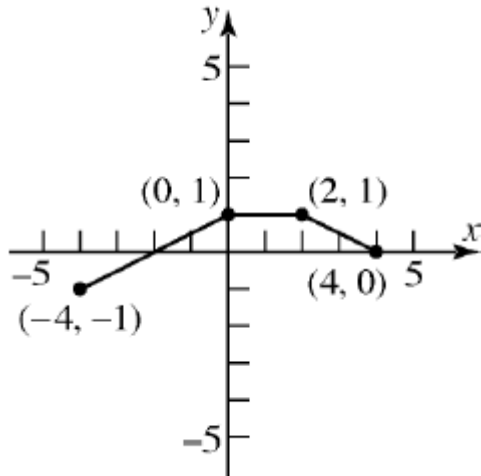
c.



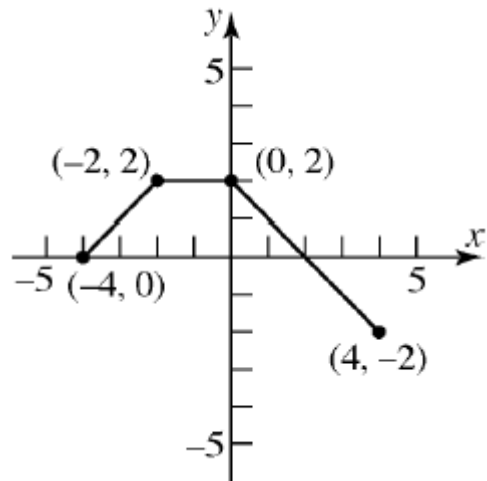
d.



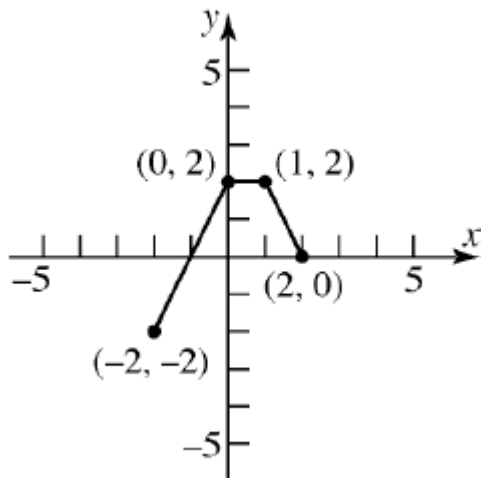
e.



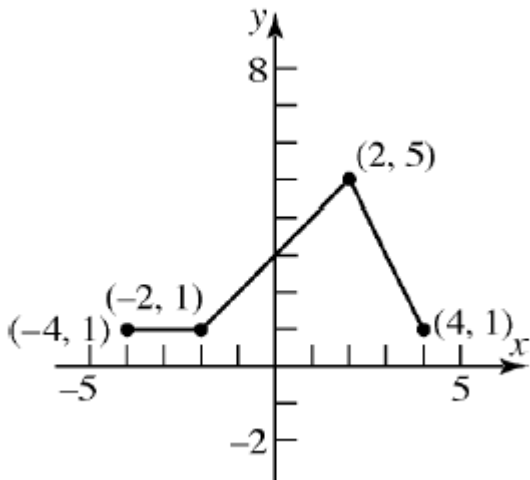
f.



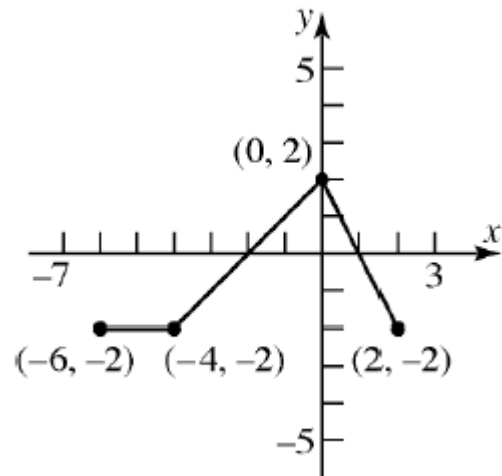
g.



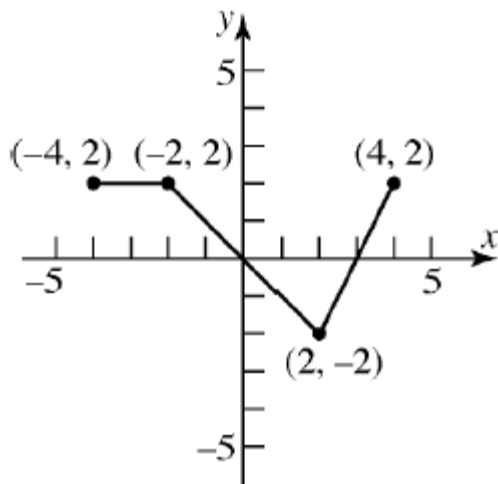
70. a.



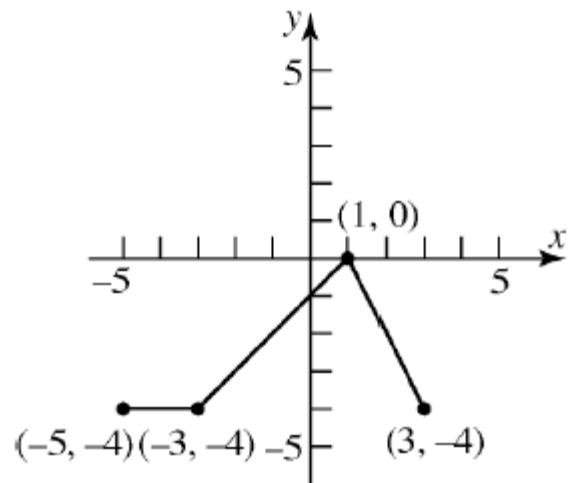
b.



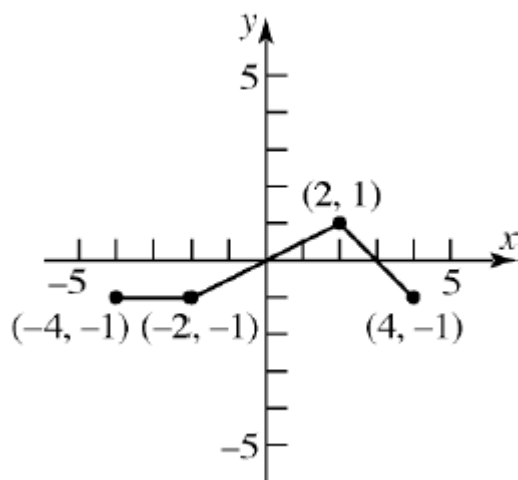
c.



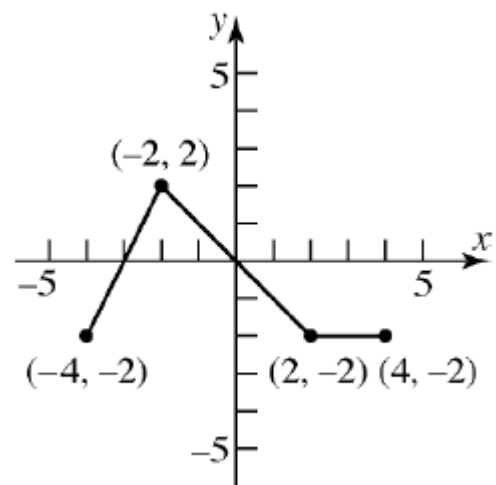
d.



e.



f.



88.

