

ANSWER PRESENTATION TOOL

Algebra 1 - Student Edit

8

5 - Exercises

3-35 odd, 4

ALL EVEN

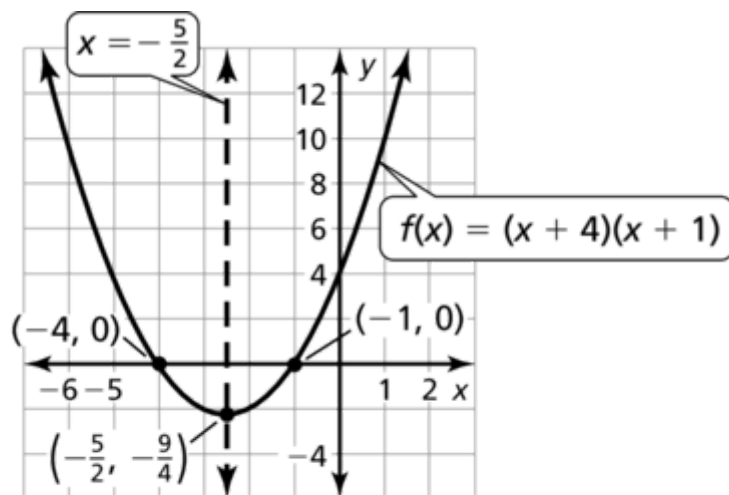
Show Solu

ODD

3. $-3, 1; x = -1$

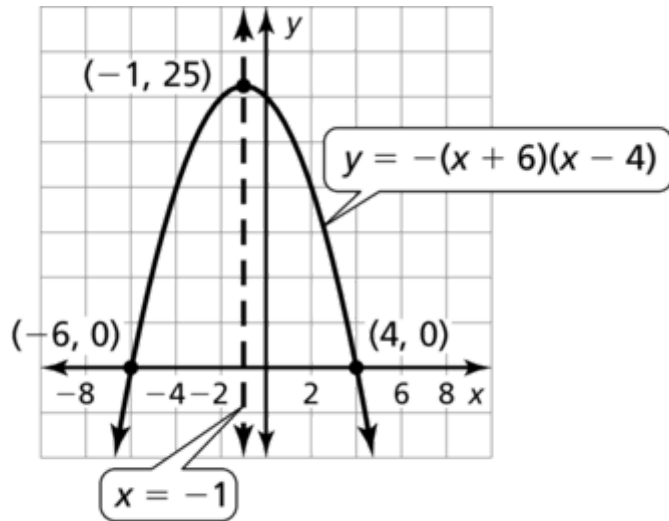
5. $-7, 5; x = -1$

7.



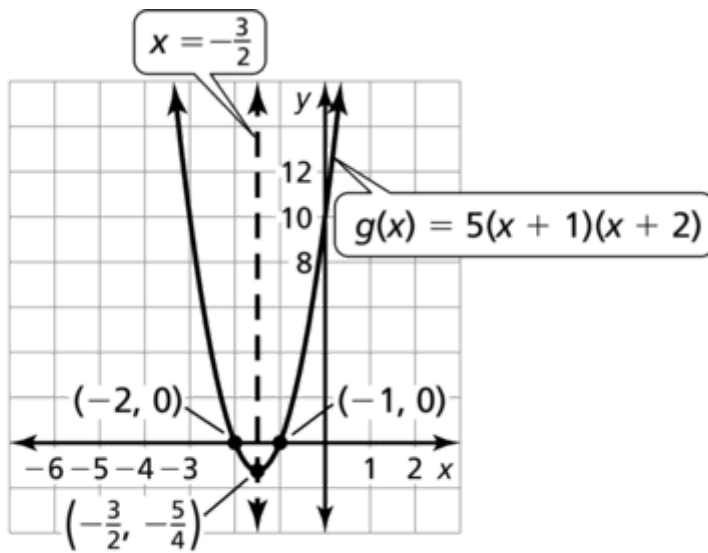
domain: all real numbers, range: $y \geq -\frac{9}{4}$

9.



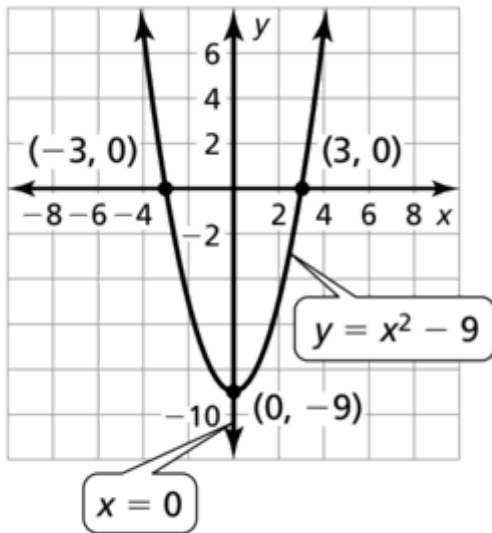
domain: all real numbers, range: $y \leq 25$

11.



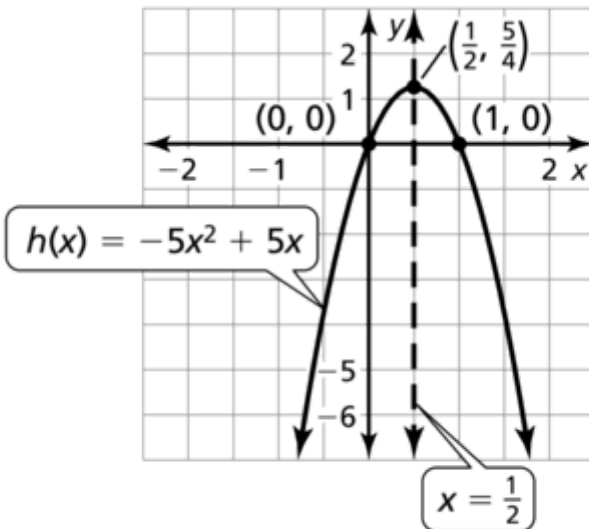
domain: all real numbers, range: $y \geq -\frac{5}{4}$

13.



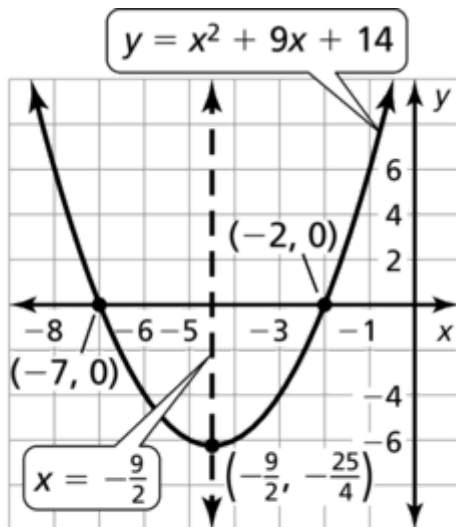
domain: all real numbers, range: $y \geq -9$

15.



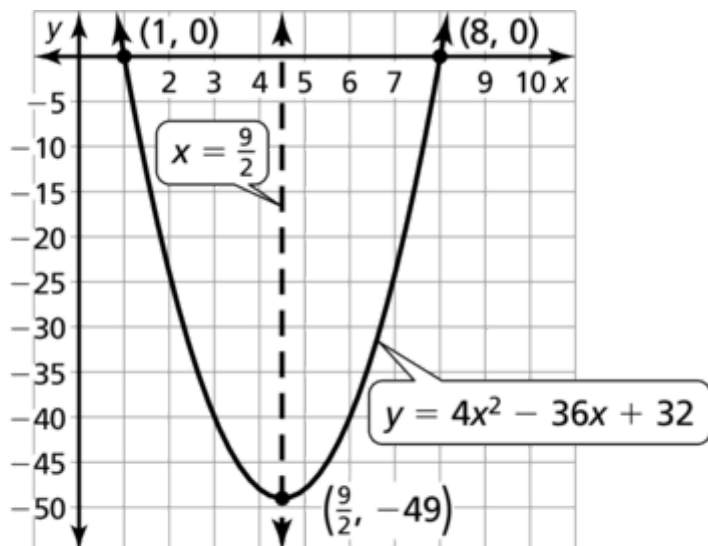
domain: all real numbers, range: $y \leq \frac{5}{4}$

17.



domain: all real numbers, range: $y \geq -\frac{25}{4}$

19.



domain: all real numbers, range: $y \geq -49$

21. 2, 10

23. -8, 3

25. -2, 7

27. -5, -2, 2

29. $-7, 0, 7$

31. D

33. C

35. A

45. *Sample answer:* $f(x) = x^2 - 14x + 46$

47. *Sample answer:* $f(x) = x^2 - 10x + 9$

49. $f(x) = 3x^2 + 3x - 36$