

9.2 Day 2 Assignment

Pg. 494 Book answers without work

Ask questions if you do not understand how to get this answer.

2. $x^2 + x - 4 = 0$; It is the only equation written in standard form.

4. They are the same.

6. $x = 4, x = 2$

8. no solution

10. $x^2 + 15 = 0$ or $-x^2 - 15 = 0$

12. $3x^2 - x - 5 = 0$ or $-3x^2 + x + 5 = 0$

14. $x = 2$

16. $x = 7, x = -1$

18. no solution

20. no solution

22. $x = 3, x = 2$

24. $x = -4$

26. The solution is the x -intercept, not the y -intercept; The solution is $x = -3$.

28. a. no; One of the t -intercepts is negative.
b. 2 sec

30. no solution

32. $x = 5, x = 1$

34. $x = -9, x = 1$

36. $x = 2$

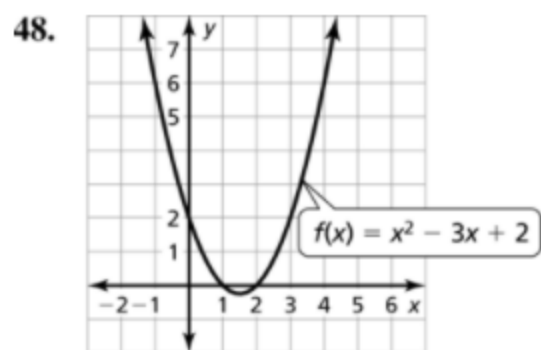
38. $-1, -4, -2$

40. 5

42. $-1, 2$

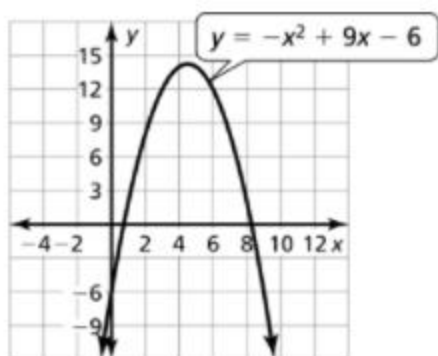
44. about 0.3 , about -3.3

46. about 5.6 , about 0.4



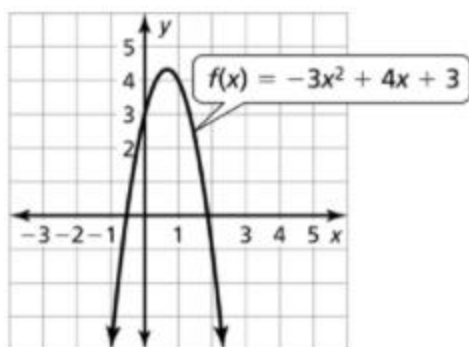
1, 2

50.



about 8.3, about 0.7

52.



about 1.9, about -0.5

54. a. 29 ft, 21 ft
b. about 0.5 sec, about 2.3 sec
c. about 0.3 sec, about 2.2 sec