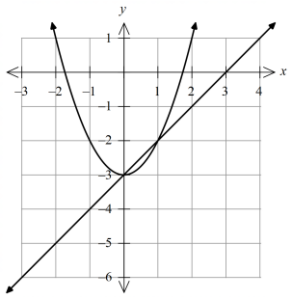
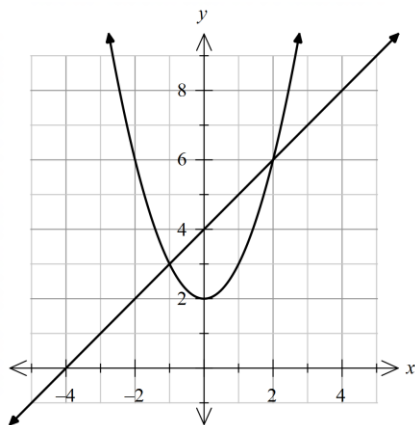


SM2H 4.4 Answers

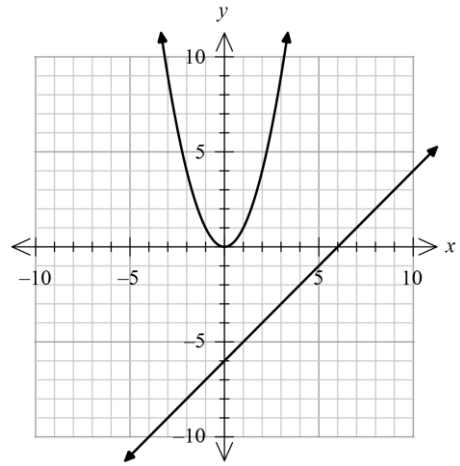
1. $(-\infty, 5) \cup (6, \infty)$
2. $(-\infty, -7] \cup [2, \infty)$
3. $(-\infty, -5] \cup [\frac{1}{2}, \infty)$
4. $(-2, 1)$
5. $(-\infty, 0] \cup [2, \infty)$
6. $(-\infty, \infty)$
7. $[-3, 3]$
8. $(-\infty, -5) \cup (5, \infty)$
9. $(-\infty, -7] \cup [4, \infty)$
10. $(-\infty, -6] \cup [1, \infty)$
11. No solution
12. $(-\infty, \infty)$
13. $[-\frac{5}{4}, \frac{5}{4}]$
14. $(-\infty, 5) \cup (5, \infty)$
15. $[-3.91, .31]$
16. No solution
17. $(0, -3)$ and $(1, -2)$



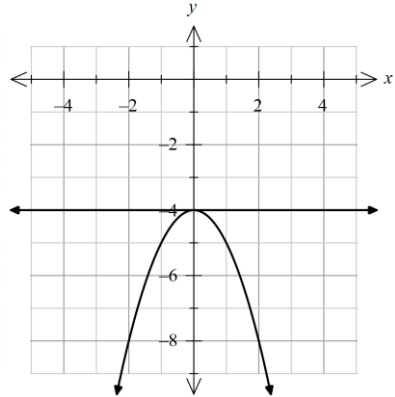
18. $(2, 6)$ and $(-1, 3)$



19. No Solution



20. $(0, -4)$



- 21.

- a.
- b. 12 seconds
- c. 6 seconds
- d. 576 ft

22. $h(t) = -16(t - 5)(t + 1)$

- e.
- f. 5 seconds
- g. 2 seconds
- h. 144 ft