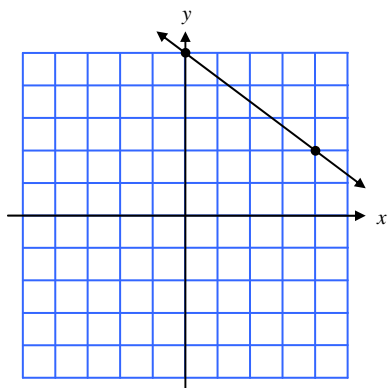
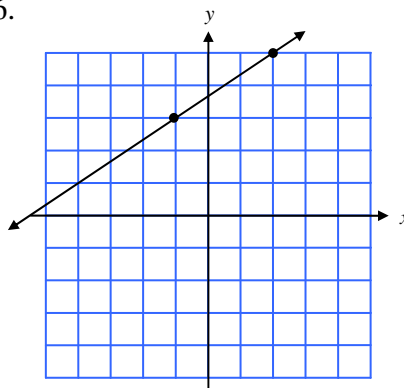


Algebra II
Chapter 2 REVIEW Answer Key

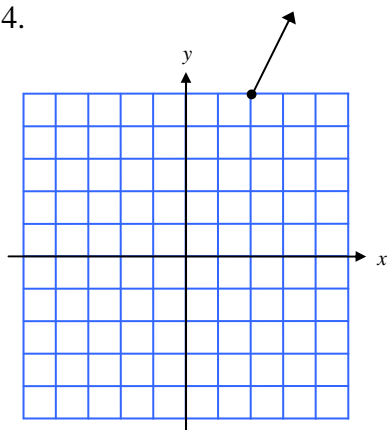
1. B; $y = -x$
2. yes; $d = 1.3h$
3. 4 feet
4. $y = -2x + 7$
- 5.



6.

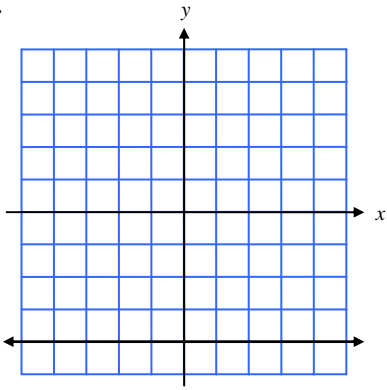


7. (3,150) and (5,40)
8. $m = -55$
9. $y = -55(x-3) + 150$ or $y = -55(x-5) + 40$
10. 315 cm^3
11. $c = 3h + 12$ $c = \text{cost}$ $h = \text{number of hours of connect time}$
12. $y = 2x - 2$ or $y + 4 = 2(x + 1)$ or $y - 4 = 2(x - 3)$
13. 5
- 14.



15. Domain: $x \geq 2$
Range: $y \geq 5$

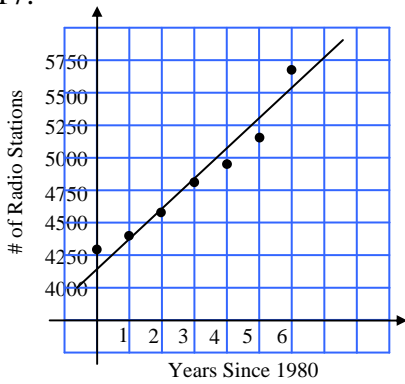
16.



Domain: $x = \mathbb{R}$

Range: $f(x) = -4$

17.



Your answers may vary slightly ... (but not too much) 😊

18. $y = 219.18x + 4170.89$

19. As the year increases (as time goes by), the number of radio stations increases.

20. 8773.67 stations

21.

