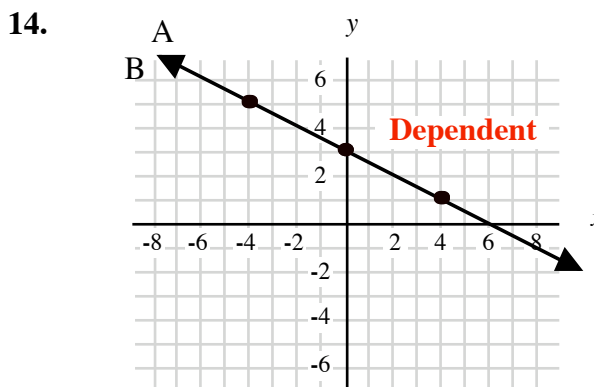
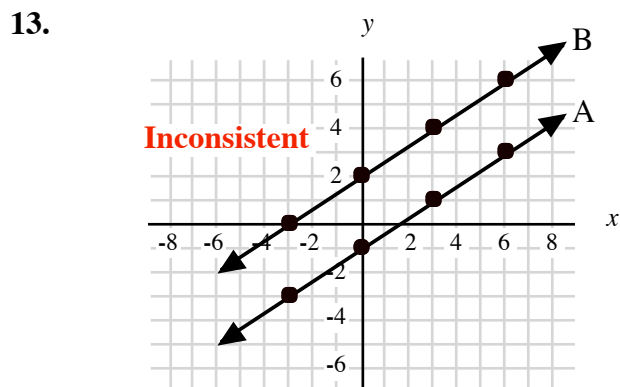
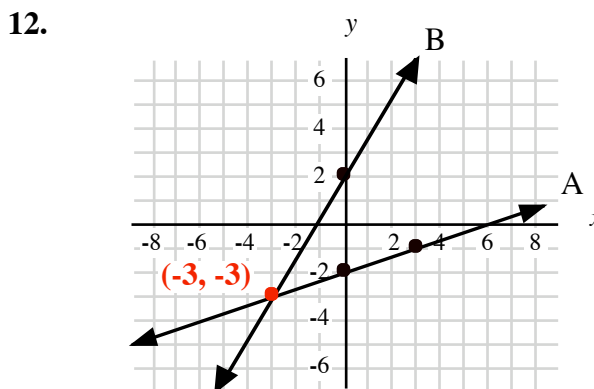
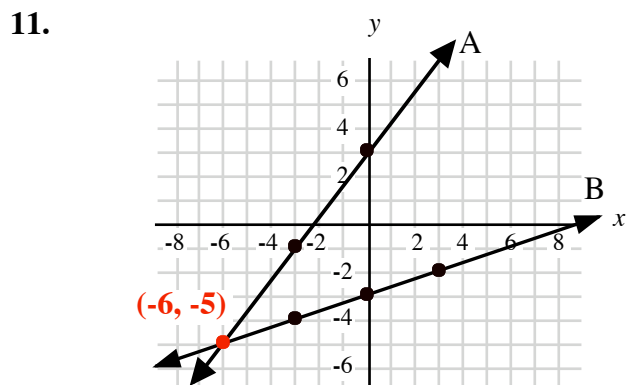
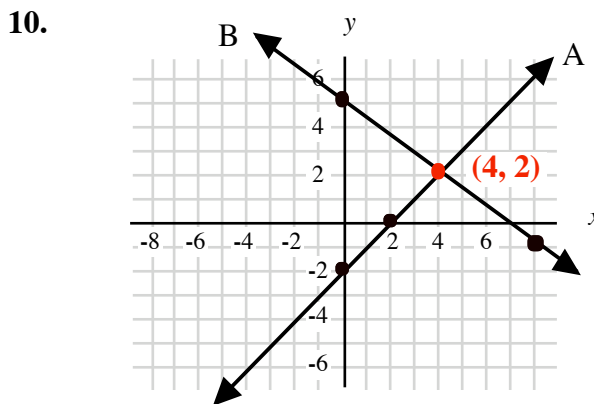
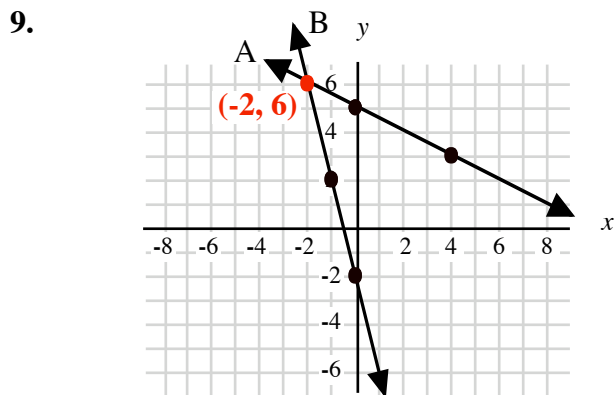


# Chapter 5 Review Exercises Answers

- |                 |                 |                 |                |
|-----------------|-----------------|-----------------|----------------|
| 1. dependent    | 2. inconsistent | 3. consistent   | 4. consistent  |
| 5. inconsistent | 6. dependent    | 7. substitution | 8. elimination |



- |            |             |             |             |
|------------|-------------|-------------|-------------|
| 15. (5, 2) | 16. (1, -4) | 17. (-6, 9) | 18. (0, -4) |
|------------|-------------|-------------|-------------|

- |                        |               |              |            |
|------------------------|---------------|--------------|------------|
| 19. $(\frac{1}{2}, 2)$ | 20. Dependent | 21. (10, -4) | 22. (6, 7) |
|------------------------|---------------|--------------|------------|

- 23.** (7, 9)      **24.**  $\left(\frac{2}{3}, 5\right)$       **25.** (6, -5)      **26.** (-2, -8)
- 27.** (5, 0)      **28.** (-3, 2)      **29.** (4, 9)      **30.** (-10, -6)
- 31.** (6, 6)      **32.** Inconsistent      **33.** (2, -6)      **34.** (5, 5)
- 35.** The width is 9 inches and the length is 32 inches.
- 36.** Mariko is to receive \$62,000 and Ayuki is to receive \$47,000.
- 37.** The speed of the Anoush's boat is 14 miles per hour the speed of the current is 2 miles per hour.
- 38.** The plane's average flying speed was 65 miles per hour and the average wind speed was 15 miles per hour.
- 39.** Marques received 15 nickels and 17 quarters.
- 40.** There were 125 adults and 55 students at the concert.