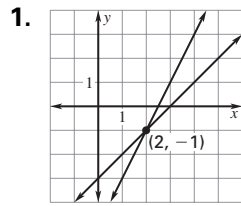


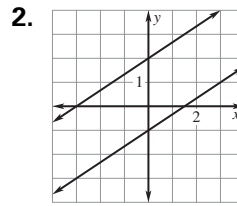
Answer Key

Chapter 3 Review and Assessment

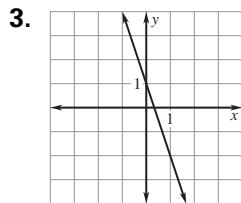
Test C



(2, -1)



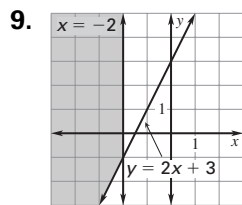
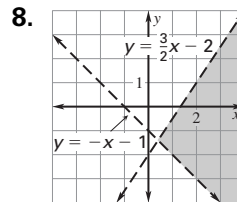
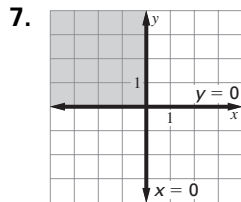
no solution



infinitely many solutions

4. (0, -5)

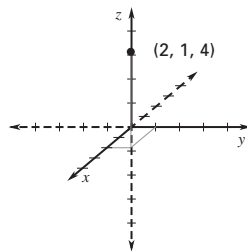
5. infinitely many solutions 6. no solution



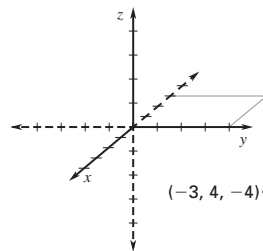
10. minimum of 0 at (0, 0);
maximum of 12 at (3, 0)

11. minimum of 46 at (3, 4); no maximum

12.



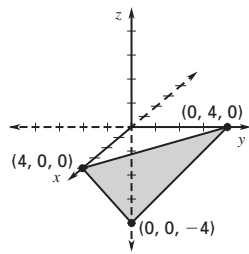
13.



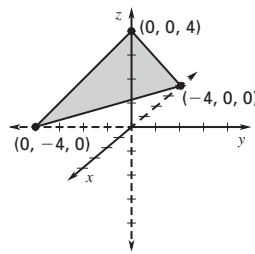
Answer Key

Chapter 3 Review and Assessment

14.



15.



16. $f(x, y) = -2x - 3y + 12$; 1

17. $(-2, -3, 4)$ 18. $(-1, 2, -2)$

19. 30 postcard and 20 letter 20. 36