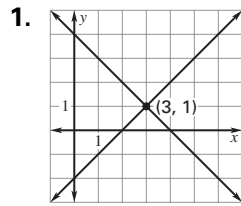


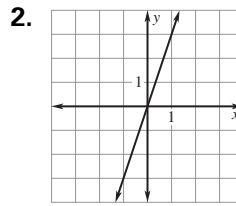
Answer Key

Chapter 3 Review and Assessment

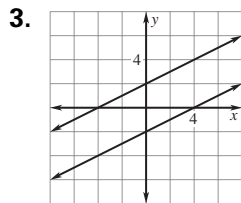
Test A



(3, 1)

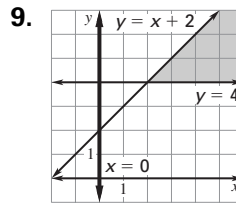
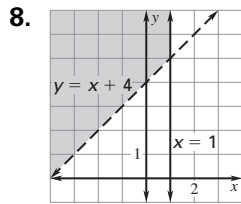
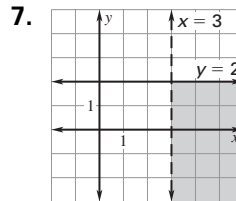


infinitely many solutions



no solution

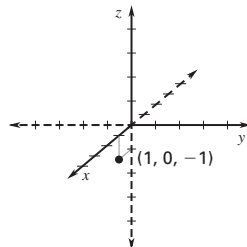
6. (6, 0)



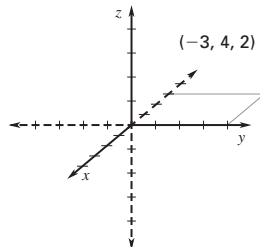
10. minimum of 0 at (0, 0);
maximum of 4 at (4, 0)

11. minimum of -16 at (-4, 1);
maximum of 14 at (-2, 6)

12.



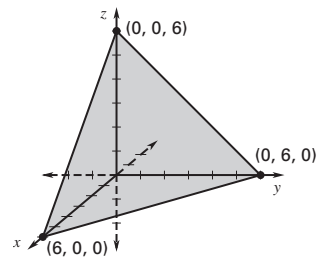
13.



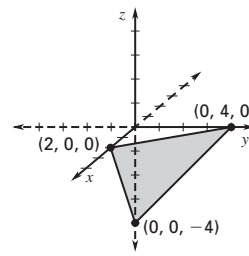
Answer Key

Chapter 3 Review and Assessment

14.



15.



16. $f(x, y) = -x - y + 9$; 1 17. (2, 3, 4)

18. (1, -2, 1) 19. 5 20. 14