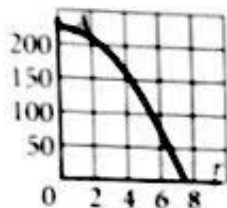


Chapter 10 Answers (continued)

30a.



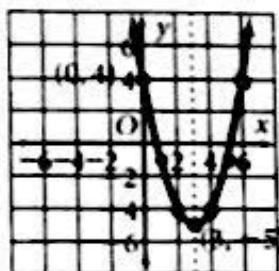
30b. Answers may vary. Sample: Domain should be nonnegative, and less than or equal to 7.5. Radius cannot be negative, and not larger than one half the width of the square.

30c. Answers may vary. Sample: Range should be between 48 and 225. These are close to the minimum and maximum areas.

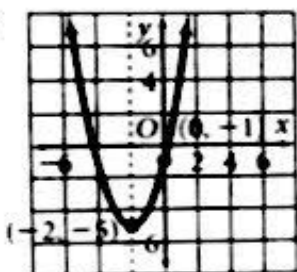
Practice 10-2

1. $x = 5$; (5, -23) 2. $x = -6$; (-6, -45) 3. $x = 1$; (1, 2)
 4. $x = -3$; (-3, -18) 5. $x = 0$; (0, 3) 6. $x = 2$; (2, 16)
 7. $x = -4$; (-4, -10) 8. $x = 3$; (3, 42) 9. $x = 2$; (2, 6)

10.



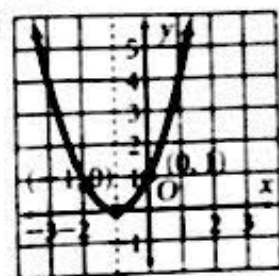
11.



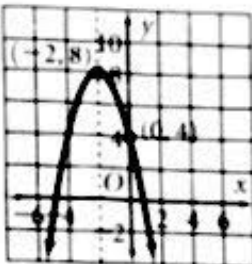
12.



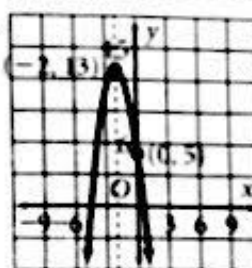
13.



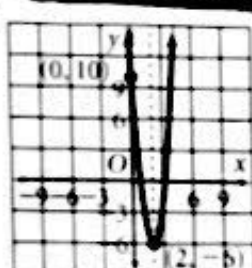
14.



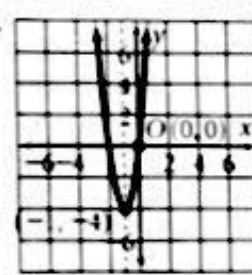
16.



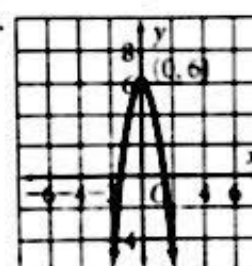
17.



19.



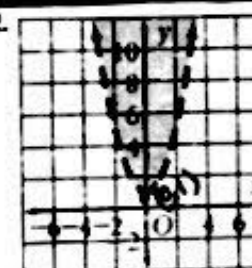
20.



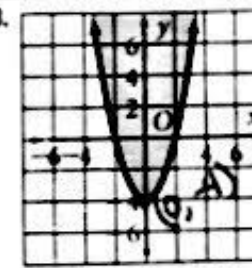
21.



22.



23.



24.



25.

