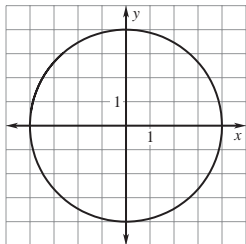


Answer Key

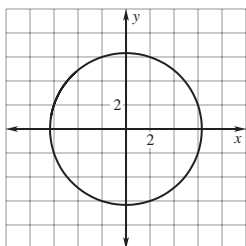
Practice B

1.



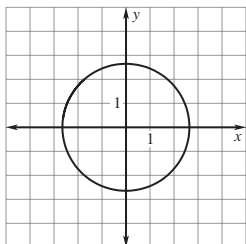
$$r = 4$$

3.



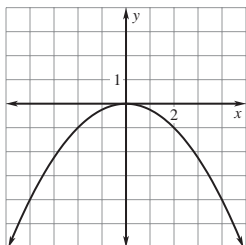
$$r = 2\sqrt{10} \approx 6.32$$

5.

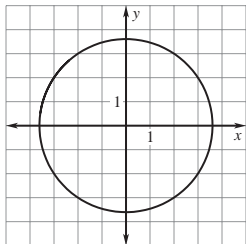


$$r = \sqrt{7} \approx 2.65$$

7.

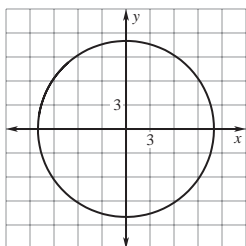


2.



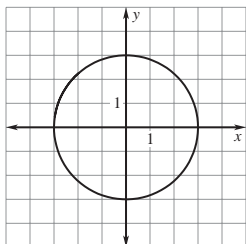
$$r = \sqrt{13} \approx 3.61$$

4.



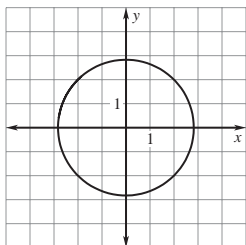
$$r = 11$$

6.

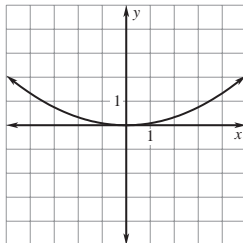


$$r = 3$$

8.



9.



10. $x^2 + y^2 = 22$

11. $x^2 + y^2 = 42$

12. $x^2 + y^2 = 45$

13. $x^2 + y^2 = 490$

14. $x^2 + y^2 = 65$

15. $x^2 + y^2 = 40$

16. $x^2 + y^2 = 5$ 17. $x^2 + y^2 = 41$

18. $y = -\frac{2}{3}x - \frac{13}{3}$ 19. $y = \frac{4}{5}x - \frac{41}{5}$

20. $x^2 + y^2 = 160,000$