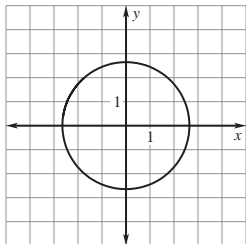


Answer Key

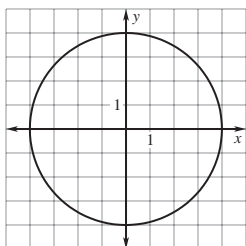
Practice C

1.



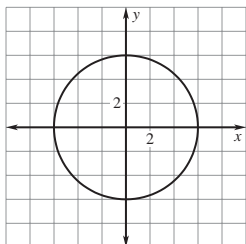
$$r = \sqrt{7} \approx 2.65$$

3.



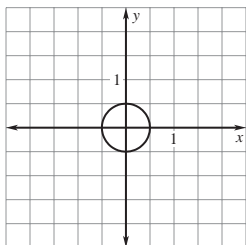
$$r = 4$$

5.

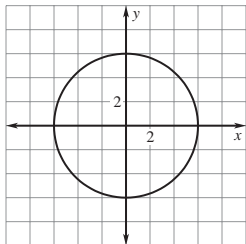


$$r = 6$$

7.

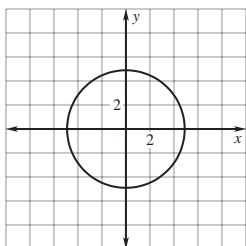


2.



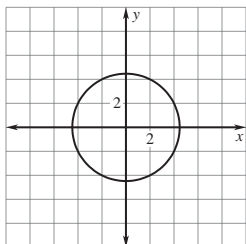
$$r = 6$$

4.



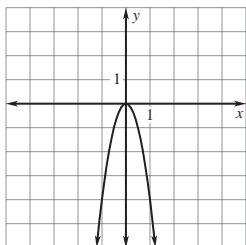
$$r = 2\sqrt{6} \approx 4.90$$

6.

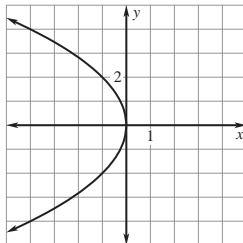


$$r = 2\sqrt{5} \approx 4.47$$

8.



9.



10. $x^2 + y^2 = 35$

11. $x^2 + y^2 = 32$

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

13. $x^2 + y^2 = 54$

14. $x^2 + y^2 = 244$

15. $x^2 + y^2 = \frac{257}{4}$

16. $x^2 + y^2 = 145$ 17. $x^2 + y^2 = 10$

18. $y = 7x + 50$ 19. $y = -\frac{\sqrt{2}}{2}x - 6$

20. 17.05 cm