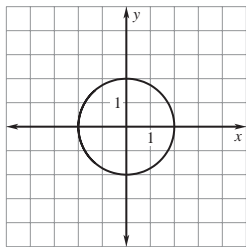


Answer Key

Practice A

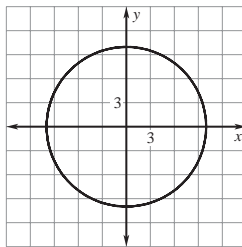
1. B 2. C 3. A

4.



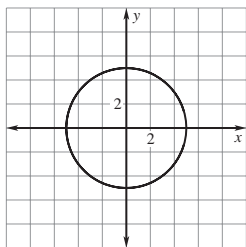
$$r = 2$$

5.



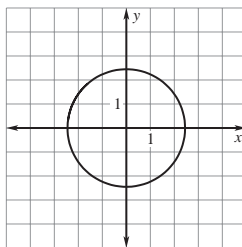
$$r = 10$$

6.



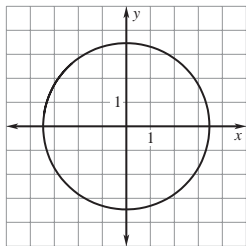
$$r = 5$$

7.



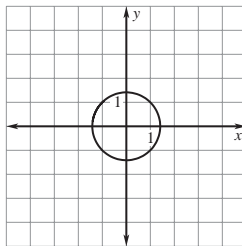
$$r = \sqrt{6} \approx 2.45$$

8.



$$r = 2\sqrt{3} \approx 3.46$$

9.



$$r = \sqrt{2} \approx 1.41$$

10. $x^2 + y^2 = 4$ 11. $x^2 + y^2 = 64$

12. $x^2 + y^2 = 6$ 13. $x^2 + y^2 = 2$

14. $x^2 + y^2 = 1$ 15. $x^2 + y^2 = 25$

16. $x^2 + y^2 = 20$ 17. $x^2 + y^2 = 29$

18. $y = 4x + 17$ 19. $y = \frac{1}{3}x + \frac{10}{3}$

20. $x^2 + y^2 = 400$