

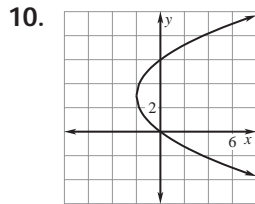
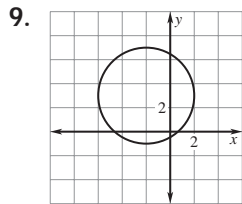
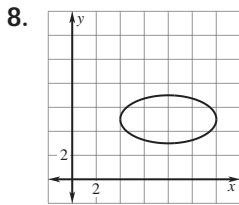
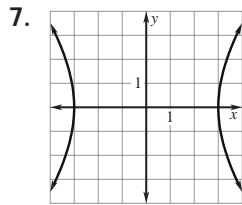
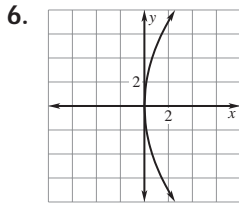
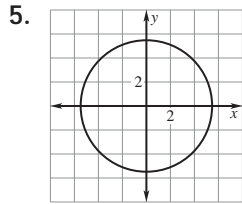
Answer Key

Test B

1. $13; (2, \frac{7}{2})$ 2. $\sqrt{13} \approx 3.61; (-\frac{3}{2}, -1)$

3. $\sqrt{82} \approx 9.06; (\frac{9}{2}, -\frac{1}{2})$

4. $\sqrt{41} \approx 6.40; (\frac{15}{2}, -6)$



11. $y^2 = 12x$ 12. $x^2 + y^2 = 25$

13. $(x + 1)^2 + (y - 2)^2 = 16$ 14. $\frac{x^2}{9} + \frac{y^2}{4} = 1$

15. $\frac{x^2}{16} + \frac{y^2}{9} = 1$ 16. $\frac{x^2}{4} - \frac{y^2}{5} = 1$

17. hyperbola; $\frac{x^2}{9} - \frac{y^2}{5} = 1$

18. ellipse; $\frac{x^2}{9} + \frac{y^2}{4} = 1$

19. circle; $x^2 + y^2 = 25$

20. hyperbola; $y^2 - x^2 = 1$

21. ellipse; $(x + 1)^2 + y^2 = 1$

22. circle; $(x + 4)^2 + (y + 1)^2 = 25$

23. hyperbola; $\frac{(y + 2)^2}{9} - \frac{(x - 3)^2}{36} = 1$

24. parabola; $x^2 = 12y$ 25. $(0, 0)$ 26. none

27. 28. parabolic