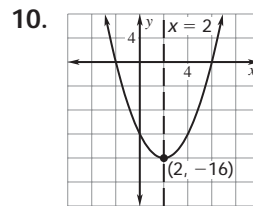
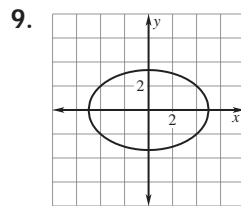
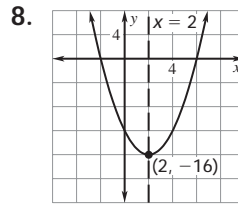
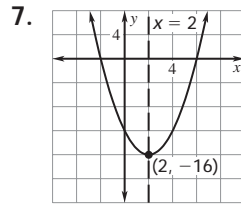
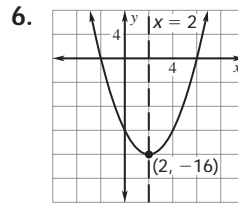
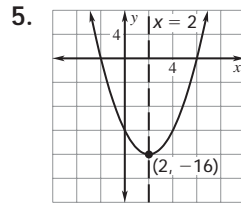


Answer Key

Test A

1. $\sqrt{72} \approx 8.49$; (3, 3)
 2. $\sqrt{72} \approx 8.49$; (3, -3) 3. 13; $(4, \frac{5}{2})$
 4. 10; (0, 0)



11. $y^2 = 12x$ 12. $x^2 = -24y$
 13. $x^2 + y^2 = 16$ 14. $(x - 1)^2 + (y - 1)^2 = 25$
 15. $\frac{x^2}{25} + \frac{y^2}{36} = 1$ 16. $\frac{x^2}{1} - \frac{y^2}{3} = 1$
 17. circle; $x^2 + y^2 = 16$
 18. parabola; $y^2 = -2x$
 19. circle; $x^2 + y^2 = 16$
 20. hyperbola; $\frac{x^2}{4} - \frac{y^2}{25} = 1$
 21. ellipse; $\frac{x^2}{4} + \frac{y^2}{16} = 1$
 22. hyperbola; $\frac{x^2}{4} - \frac{y^2}{16} = 1$
 23. hyperbola; $\frac{x^2}{25} - \frac{y^2}{4} = 1$
 24. circle; $(x - 6)^2 + (y - 6)^2 = 36$ 25. none
 26. (2, 0) 27. about 0.5 cm 28. parabolic