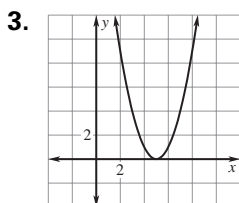
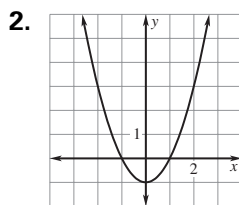
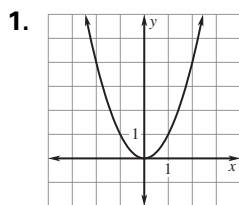


Answer Key

Chapter 5 Review and Assessment

Test A



4. 0, 4 5. 7, -7

6. 4, 3 7. 12, -12 8. $2\sqrt{2}$, $-2\sqrt{2}$

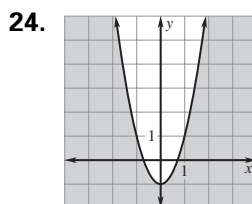
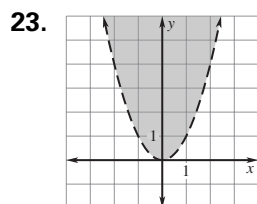
9. 3, -5 10. $3 + 2i$ 11. $4 + 2i$

12. $-\frac{5i}{7}$ 13. $3i, -3i$ 14. $i\sqrt{6}, -i\sqrt{6}$

15. $\sqrt{5}$ 16. $\sqrt{13}$ 17. 3, 1 18. $-2 \pm \sqrt{7}$

19. -1, -9 20. $\frac{-3 + \sqrt{29}}{2}, \frac{-3 - \sqrt{29}}{2}$

21. 100; 2 real solutions 22. 81; 2 real solutions



25. 1.84 seconds