

SECTION 7.4

1. -2 3. 9 5. 7 7. $\frac{13}{3}$ 9. 35 11. -7 13. -12 15. 9 17. 2 19. 2 21. 1 23. The object will fall 576 ft.
25. The HDTV screen is 7.15 in. wider. 27. The length of the pendulum is 7.30 ft. 29. 2
- 31a. $A = \frac{s^2 + s^2\sqrt{5}}{2}$ b. $\frac{1 + \sqrt{5}}{2}$ 33. The length of the side labeled x is $\sqrt{6}$.