

SECTION 12.3

1. $a_9 = 131,072$ 3. $a_7 = \frac{128}{243}$ 5. $a_{10} = 32$ 7. $a_2 = 6, a_3 = 4$ 9. $a_2 = -2, a_3 = \frac{4}{3}$ 11. $a_2 = 12, a_3 = -48$
13. 2186 15. $\frac{2343}{64}$ 17. 62 19. $\frac{121}{243}$ 21. 9 23. $\frac{7}{9}$ 25. $\frac{8}{9}$ 27. $\frac{2}{9}$ 29. $\frac{5}{11}$ 31. $\frac{1}{6}$ 33. The amount of radioactive material is 50 mg.
- \$10,737,418.23. 39. 27 35. The ball will bounce 1.8 ft. 37. The total amount earned is