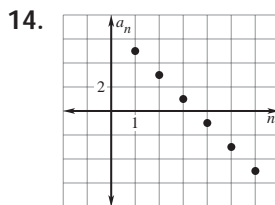
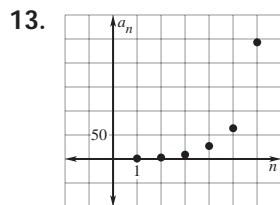
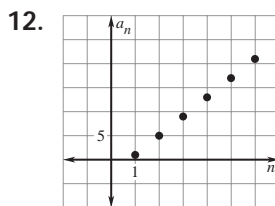
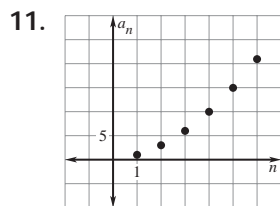


Answer Key

Practice A

1. 1, 3, 5, 7, 9, 11 2. 3, 2, 1, 0, -1, -2
 3. 2, 8, 18, 32, 50, 72 4. -1, 1, -1, 1, -1, 1
 5. $\frac{1}{2}, \frac{1}{4}, \frac{1}{6}, \frac{1}{8}, \frac{1}{10}, \frac{1}{12}$ 6. $\frac{1}{3}, \frac{1}{2}, \frac{3}{5}, \frac{2}{3}, \frac{5}{7}, \frac{3}{4}$
 7. 25; $a_n = n^2$ 8. 6; $a_n = n + 1$
 9. 16; $a_n = 2^{n-1}$ 10. 10; $a_n = 2n$



15. $\sum_{n=1}^5 (3n - 1)$ 16. $\sum_{n=1}^6 2n$ 17. $\sum_{n=1}^6 (-2)^n$
 18. $\sum_{n=1}^4 \frac{n}{3n + 1}$ 19. 15 20. 60 21. 60
 22. 110 23. 35 24. 45 25. 78 26. 2870
 27. 36 28. 20 diagonals