Sequences, Series, and Probability   Answers

1. a. $a_n = 400,000n - 100,000$

   b. $13,600,000

2. a. $50,166.67; $50,333.89; $50,501.67; $50,670.01; $50,838.91; $51,008.37

   b. $61,049.83

3. $25,000

4. 800

5. 2184

6. 33,649

7. $\dfrac{19}{34}$

8. 0.0207