1. 600, 605, 610, 615, 620, 625, 630

   $f(x) = f(x-1) + 5; \quad f(0) = 600$

3. 0, 10, 20, 30, 40, 50, 60

   $f(x) = f(x-1) + 10; \quad f(0) = 0$

5. a) Multiply by 2/3

   b) Geometric

   c) $\dfrac{320}{9}, \dfrac{640}{27}, \dfrac{1280}{81}, \dfrac{2560}{243}$

   d) $f(x) = f(x-1) \cdot \dfrac{2}{3}; \quad f(8) = 180$

7. a) Add by 1.3

   b) Arithmetic

   c) 6.4, 7.7, 9, 10.3

   d) $f(x) = f(x-1) + 1.3; \quad f(3) = 1.2$

9. Arithmetic

   $f(x) = f(x-1) + 5; \quad f(1) = 4$

11. Geometric

    $f(x) = f(x-1) \cdot 12; \quad f(1) = 10$

13. Arithmetic

    $f(x) = f(x-1) - 13.5; \quad f(1) = 365$

15. Neither