

$$f(n) = 12 \cdot \left(\frac{1}{2}\right)^{n-1}$$

12, 6, 3, ...

$$f(n) = 12 - 6(n - 1)$$

12, 6, 0, ...

$$f(n) = 12 \cdot \left(\frac{1}{4}\right)^{n-1}$$

12, 3, $\frac{3}{4}$, ...

$$f(n) = 12 + 4(n - 1)$$

12, 16, 20, ...