

$$f(n) = 9 \cdot \left(\frac{4}{3}\right)^{n-1}$$

9, 12, 16, ...

$$f(n) = 9 + 3(n-1)$$

9, 12, 15, ...

$$f(n) = 9 + \frac{4}{3} \cdot (n-1)$$

9, $10\frac{1}{3}$, $11\frac{2}{3}$

$$f(n) = 9 \cdot 3^{n-1}$$

9, 27, 81, ...