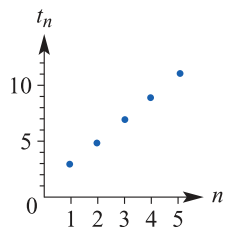
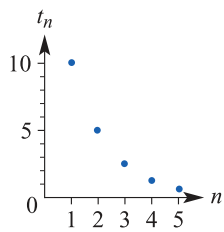
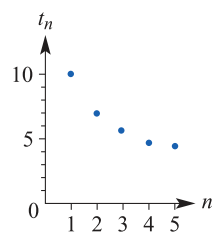
Ecuación en diferencia	$t_{n+1} = t_n + d, t_1 = a$	$t_{n+1} = rt_n, t_1 = a$	$t_{n+1} = rt_n + d,\ t_1 = a$
Tipo de sucesión	arithmetic	geometric	neither arithmetic nor geometric
Término n-ésimo	$t_n = a + (n-1)d$	$t_n = ar^{n-1}$	$t_n = ar^{n-1} + d\dfrac{(r^{n-1}-1)}{r-1}$
Ejemplo de ecuación	$t_{n+1} = t_n + 2,\ t_1 = 3$ 3, 5, 7, . . .	$t_{n+1} = 0.5t_n, t_1 = 10$ 10, 5, 2.5, . . .	$t_{n+1} = 0.5t_n + 2,\ t_1 = 10$ 10, 7, 5.5, . . .
Gráfica de la sucesión			
Término n-ésimo	$t_n = 3 + (n-1)2$ $= 2n + 1$	$t_n = 10(0.5)^{n-1}$	$t_n = 6 \times 0.5^{n-1} + 4$