

1.  $a_1 = 1, a_{n+1} = a_n + 3$
2.  $a_1 = 1, a_{n+1} = 3a_n$
3.  $a_1 = 1, a_{n+1} = a_n + 2n + 5$
4.  $a_1 = 1, a_{n+1} = a_n + 3^{2n}$
5.  $a_1 = 1, a_{n+1} = 2a_n + 3$