

数列の基本形

1. (等差型) $a_1 = 2, a_{n+1} = a_n + 3$
2. (等比型) $a_1 = 2, a_{n+1} = 3a_n$
3. (階差型) $a_1 = 2, a_{n+1} = a_n - 2n + 5$
4. (階比型) $a_1 = 2, a_{n+1} = a_n + 3^n$

以下は文字を置いて解くタイプ

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