

$$a_n = a_1 + (n-1)d$$



$$n^{\text{th}} \quad -2 \ 1 \ 4 \ \dots$$

$$d = a_2 - a_1$$

$$d = 1 - (-2)$$

$$d = 1 + 2$$

$$d = 3$$

$$a_n = a_1 + (n-1)d$$

$$a_n = -2 + (n-1)3$$

$$a_n = -2 + 3n - 3$$

$$a_n = 3n - 5$$









