

سوال ۱۰

$$-4, -2, 0, \dots$$

$$+2, +2, \dots$$

$$\begin{aligned} 1a &= 2 \\ a &= 1 \end{aligned}$$

$$1a + b = 2 \Rightarrow b = -1$$

$$t_n = n^2 - n - 4$$

مجموعه $\Rightarrow -4$

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$$t_r = 31$$

$$t_r = 31 \downarrow 1. \quad d = 2$$

$$t_r = a + d(r-1) = 31 \Rightarrow a = 24$$

$$b_n = 2(n-1) + 24$$

$$0n + 24 = n^2 - n - 4 \Rightarrow n^2 - 4n - 28 = 0 \Rightarrow (n-4)(n+7) = 0$$

$$\begin{aligned} n &= 4 \\ n &= -7 \end{aligned}$$

عقده