

به دلیل نداشتن اسم نمره شما لیست لحاظ می شود

①
14,78

$$n^2 = \text{مربعی}$$

$$\frac{n(n-1)}{2} = \text{مجموعه مثلثی}$$

$$n^2 + \frac{n(n-1)}{2} = 100 + \frac{8 \times 7}{2} = 114 \quad \checkmark$$

$$\frac{n(n-1)}{2} = 88 \quad \text{مجموعه مثلثی} = \text{نمود}$$

$$n(n-1) = 176$$

$$\Rightarrow n = 13 \quad \checkmark$$

$$n \leq n+1 \Rightarrow n = 1 + 11 + 1 = 13 \quad \checkmark$$

$$n = 13 - 1 \Rightarrow 11 \times 1 - 1 = 10$$

$$10 = 10 \quad \checkmark$$

$$n=1 \rightarrow \text{در صورتی} \quad \left\{ \frac{1}{2} = \text{نیز در صورتی} \right\}$$

$$1,0 \quad \checkmark$$

$$n=2 \Rightarrow -27 - 21 = -48$$

$$-2n + 22 = -48$$

$$-2n = -70$$

$$n = \frac{70}{2} = 35 \quad \checkmark$$

$$\frac{1r}{r} = \epsilon = d \quad \leftarrow \text{Comparison} \quad (1)$$

$$a_4 - a_1 = ad \Rightarrow d = \epsilon = 0 \quad (2)$$

$$\frac{\Delta}{r} = \epsilon = d$$

$$a_1 = r, a_p = 11 \Rightarrow b_n = \frac{r+11}{r+11} \Rightarrow \boxed{b_n = 1n - d} \quad (3)$$

$$\frac{r_{n-r}}{r_{n+r}} < \frac{r}{r}$$

$$r_{n+r} > r_{n-r}$$

$$1r > r_n$$

$$\frac{r_{n+r}}{r_{n-r}} > n \Rightarrow 1r = \boxed{r_y} \quad (4)$$

$$a - a - a - a - \dots$$

$$a_1 = -1/d + B = 1 \Rightarrow B = 1/8$$

$$a = -1/8 \quad (1/8)$$

$$\frac{r-1/d + a \times 1/d}{-1/d} = \boxed{r} \quad (5)$$

$$a_n = a - a - a - \dots$$

$$a_0 = -1 \Rightarrow C = 1$$

$$a_n = an + q_1$$

$$\begin{aligned} an + 11 &= an - n - 1 \\ n^2 - 4n - 11 &= 0 \\ (n+3)(n-11) &= 0 \\ n &= 11 \end{aligned} \quad (6)$$