

افزودن ۱۹,۲۵

ادریحسین نجفیان

$$\begin{array}{c} (1) \quad (2) \quad (3) \\ \underbrace{1} \quad \underbrace{2 \ 3 \ 4} \quad \underbrace{5 \ 6 \ 7 \ 8 \ 9} \\ 1 \quad 2 \quad 3 \quad 4 \quad 5 \end{array}$$

(۲)

$$9 \times 9 = 11$$

$$2 \times 9 - 1 = 17 \rightarrow \text{تعداد اعداد ۹ دسته}$$

$$11 - 17 = 6 \rightarrow \text{عدد اول ۹ دسته}$$

$$\frac{11 + 6 \times 9}{2} = 28 \quad \checkmark$$

$$\begin{array}{c} \underbrace{1 \ 2 \ 3} \quad \underbrace{4 \ 5 \ 6 \ 7 \ 8 \ 9 \ 10 \ 11 \ 12} \quad \underbrace{13 \dots 29} \quad \underbrace{30 \dots 120} \quad \underbrace{121 \dots 292} \\ \textcircled{1} \quad \textcircled{2} \quad \textcircled{3} \quad \textcircled{4} \quad \textcircled{5} \end{array}$$

(۲)

$$\text{میانگین} = \frac{121 + 292}{2} = \frac{413}{2} = 206.5 \quad \checkmark$$

$$n=0 \rightarrow a_0 = 1$$

$$a_n = \frac{n}{k} \leftrightarrow n = k \cdot a_n$$

$$a_n = -\frac{n}{k} + 1 \leftrightarrow n = k(1 - a_n)$$

$$a_n = \left[\frac{n}{k+1} \right] + a \leftrightarrow n = (k+1)a_n$$

$$n=1 \rightarrow n = \frac{n}{k} + 1 \rightarrow a_n = \frac{1}{k} + 1$$

$$n=2 \rightarrow n = \frac{n}{k} + 2 \rightarrow a_n = \frac{2}{k} + 2$$

$$n=3 \rightarrow n = \frac{n}{k} + 3 \rightarrow a_n = \frac{3}{k} + 3$$

$$n=4 \rightarrow n = \frac{n}{k} + 4 \rightarrow a_n = \frac{4}{k} + 4$$

$$n=5 \rightarrow n = \frac{n}{k} + 5 \rightarrow a_n = \frac{5}{k} + 5$$

$$n=6 \rightarrow n = \frac{n}{k} + 6 \rightarrow a_n = \frac{6}{k} + 6$$

$$n=7 \rightarrow n = \frac{n}{k} + 7 \rightarrow a_n = \frac{7}{k} + 7$$

$$n=8 \rightarrow n = \frac{n}{k} + 8 \rightarrow a_n = \frac{8}{k} + 8$$

$$n=9 \rightarrow n = \frac{n}{k} + 9 \rightarrow a_n = \frac{9}{k} + 9$$

$$n=10 \rightarrow n = \frac{n}{k} + 10 \rightarrow a_n = \frac{10}{k} + 10$$

$$n=11 \rightarrow n = \frac{n}{k} + 11 \rightarrow a_n = \frac{11}{k} + 11$$

$$n=12 \rightarrow n = \frac{n}{k} + 12 \rightarrow a_n = \frac{12}{k} + 12$$

$$n=13 \rightarrow n = \frac{n}{k} + 13 \rightarrow a_n = \frac{13}{k} + 13$$

$$n=14 \rightarrow n = \frac{n}{k} + 14 \rightarrow a_n = \frac{14}{k} + 14$$

$$n=15 \rightarrow n = \frac{n}{k} + 15 \rightarrow a_n = \frac{15}{k} + 15$$

$$n=16 \rightarrow n = \frac{n}{k} + 16 \rightarrow a_n = \frac{16}{k} + 16$$

$$n=17 \rightarrow n = \frac{n}{k} + 17 \rightarrow a_n = \frac{17}{k} + 17$$

$$n=18 \rightarrow n = \frac{n}{k} + 18 \rightarrow a_n = \frac{18}{k} + 18$$

$$n=19 \rightarrow n = \frac{n}{k} + 19 \rightarrow a_n = \frac{19}{k} + 19$$

$$n=20 \rightarrow n = \frac{n}{k} + 20 \rightarrow a_n = \frac{20}{k} + 20$$

$$n=21 \rightarrow n = \frac{n}{k} + 21 \rightarrow a_n = \frac{21}{k} + 21$$

$$n=22 \rightarrow n = \frac{n}{k} + 22 \rightarrow a_n = \frac{22}{k} + 22$$

$$n=23 \rightarrow n = \frac{n}{k} + 23 \rightarrow a_n = \frac{23}{k} + 23$$

$$n=24 \rightarrow n = \frac{n}{k} + 24 \rightarrow a_n = \frac{24}{k} + 24$$

$$n=25 \rightarrow n = \frac{n}{k} + 25 \rightarrow a_n = \frac{25}{k} + 25$$

$$n=26 \rightarrow n = \frac{n}{k} + 26 \rightarrow a_n = \frac{26}{k} + 26$$

$$n=27 \rightarrow n = \frac{n}{k} + 27 \rightarrow a_n = \frac{27}{k} + 27$$

$$n=28 \rightarrow n = \frac{n}{k} + 28 \rightarrow a_n = \frac{28}{k} + 28$$

$$n=29 \rightarrow n = \frac{n}{k} + 29 \rightarrow a_n = \frac{29}{k} + 29$$

$$n=30 \rightarrow n = \frac{n}{k} + 30 \rightarrow a_n = \frac{30}{k} + 30$$

(۲)

(۲)

(۲)

$$a_n = a_n' + b_n + c$$

$$\frac{1}{v} x - 17 = -\frac{1}{a}$$

$$-a + ab + c = 17 \rightarrow ab + c = 19$$

$$-9/11 + vb + c = 17/2 \rightarrow vb + c = 20$$

$$\left. \begin{array}{l} ab + c = 19 \\ vb + c = 20 \end{array} \right\} \begin{array}{l} b = \frac{1}{v} \\ c = -1 \end{array}$$

$$\frac{a_1 d - 17a - 1 + 90}{a_1} = \frac{17}{a} = d \quad \checkmark$$

$$vd + a = A_f \quad vd + a = A_n$$

$$k + 9c = B_f \quad 9k + 9c = B_v$$

$$k + 9c - (9k + 9c) = vd + a - (vd + a)$$

$$ak = \frac{1}{d} \quad 9k + 9c = B_{10}$$

$$k = \frac{1}{9d} \quad 9k = -9c \rightarrow 9c = -9/11d$$

$$B_{10} = ak = \frac{1}{d} \quad \checkmark$$

$$\frac{B_{10}}{d} = \frac{17/2d - 9/11d}{d} = \frac{17}{2} - \frac{9}{11}$$

$$17k = 11/2d$$

(۲)

4

$$-Y a^P - a d + g d^P = 0 \xrightarrow{(-) \times} Y a^P + a d - g d^P$$

$$a^Y + ad - 11d^Y = 0$$

$$(a + r_d)(a - r_d) = 0$$

$\frac{1}{2} \rightarrow \frac{1}{2}$
 $\frac{1}{2} \rightarrow \frac{1}{2}$

$$\frac{a_F}{d} = \frac{a + r_d}{d} = \frac{-r_d + r_d}{d} = 1 \quad \checkmark$$

$$\frac{1/d + r/d}{d} = F/d$$

a b c

$$a + c = \gamma b \Rightarrow a = \gamma b - c$$

$$K_b^p - a b c + c^p = 0$$

$$\frac{c}{x} \quad \frac{a}{y} \quad b$$

$$\frac{bc}{x} = \frac{9^x}{x} \rightarrow ax - bc = 0$$

$$\Delta = (2c^Y - K(c^Y) - q)c^Y$$

$$b = \frac{vc \pm \sqrt{9c^2}}{1} \begin{matrix} = \frac{c}{\epsilon} \\ = c \end{matrix}$$

$$a = \gamma b - c \quad \rightarrow \quad \gamma \times \frac{c}{\gamma} = c = -\frac{c}{\gamma} \quad \checkmark$$

چون گفته جهلات متعادل نیستند $\rightarrow PC + C = C$ ~~غلط~~

$$r_d = r_x \cdot \frac{a}{b} = \frac{-c}{\frac{c}{r_x}} \cdot r_x = -r \quad \checkmark$$

$$a \leq b \leq c \rightarrow b^r = ac$$

$$c \in \mathcal{U} \wedge a \in \mathcal{U} \wedge b \rightarrow \mathcal{U} b \wedge c = \mathcal{F} a \rightarrow c = \mathcal{F} a - \mathcal{U} b$$

$$b^r = r a^r - r a b$$

$$(b+9a)(b-a)=0$$

$$b < \begin{matrix} -fa \\ ax \end{matrix}$$

$$C = 7a + 12a = 19a$$

$$C = Fa - Fa = a \quad \times \quad \begin{matrix} \text{alle} \\ \text{bin} \end{matrix}$$

$$q = \frac{c}{b} = \frac{14a}{-4a} = -4 \rightarrow \text{دقت!}$$

1, 2

$$\frac{a d^2}{a r d r} + \frac{a d}{a r} = r$$

$$\frac{q^Y}{a^Y} + \frac{q}{a} = Y$$

$$q^r + aq = r a^r$$

$$(q + r_a)(q - r_a) = 0 \Rightarrow q \begin{matrix} -r_a \\ +r_a \end{matrix}$$

رقبہ ۱

$$\frac{a^r}{a^4} \rightarrow \begin{cases} -\frac{a^r}{a^r} = +1 \\ \frac{a^r}{r a^r} = -\frac{1}{r} \end{cases}$$

$$a q^r = \sqrt{a q^r}$$

$$a^v q^k = a q^w$$

$$aq \approx 1 \quad aq^{\text{F}} = aq \times q^{\text{w}} = PV$$

$$q^r = pV \rightarrow q = r \rightarrow a_1 = \frac{1}{r} \checkmark$$

$$\frac{1}{y} - \frac{1}{x} = \frac{1}{y} \checkmark$$

9