

رنگ آفرسته هم - n^2 - $9 = 11$

(معم اول) $1 + (n-1)^2$ و $2 + (n-1)^2$ (نقشه دوم)
(نقشه سوم) $1 + (n-1)^2$

دست حسابی $\frac{90+11}{2} = 50.5$

$\{1, 2, 3\}, \{4, 5, \dots, 12\}, \{13, 14, 15, \dots, 29\}, \{30, \dots, 150\}, \{151, \dots, 343\}$
 $\frac{1 \times 1 + 3 \times 3}{2} = \frac{1 \times 1}{2} = 1$

$$Y|K \rightarrow n = 9, 8, 7, 6, 5, 4, 3, 2, 1, 0 \quad K = 0, 1, 2, \dots$$

$$-Y|k + \xi_{\rightarrow n} = 1, 1^d, V - k = 0, 1, 2, \dots$$

$$\left[\frac{n}{k+r} \right] + a_{i-r} - n = r, \omega, \Lambda \rightarrow k = 0, 1, r,$$

$$S_{10} = 1 + r + 1 + ar + r + 1 + ar + r + 0 + r + ar + 1 = ra - 9$$

$$r + ar + ar + \dots + ar = -r$$

$$a_0 = r^0 = 1$$

$$a_1 = -r(0) + f = f$$

$$a_r = \left[\frac{r}{a+r} \right] + a = \frac{1+a}{1-r} = 1$$

$$a_r = r$$

$$a_f = r, \quad a_w = -r - 1 + a$$

$$a_v = 0, \quad a_1 = \frac{r+a}{0}, \quad q_1 = 1$$

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$$q_1 = \frac{1+a}{2} \quad q_2 = 1$$

$$a = \frac{1}{v_0} x - 1 \text{ s} = -0,1 \text{ s}$$

$$a \omega = a(\omega, r + ab + c) = 1f$$

$$a_v = a(v)r + vb + c = 1v, r$$

$$-r\omega a - \omega b - c = -1/r$$

$$\frac{1}{2} a + v b + c = 1N, 1P$$

$$rfa + rb = r, r - b = f$$

$$C \rightarrow \mu\omega(-0, r) + \omega(r) + f_{-1} \mu$$

(1 - 1)

$$a_1 = r_{1,1}$$

$$q_1(\omega) = -0,1(\omega)^2 + f(10) - 1 = 10$$

$$\frac{q_1 \omega}{q_1} = \frac{1 f}{r_1 \Delta} = \omega$$

$$a_n = -0,7n^2 + 7n - 1$$

$$a_f = a + r_d \rightarrow (a' + d' = -\lambda d')$$

$$a_1 = a + v_d \rightarrow a' + y_d' = -r_d$$

$$a' + ad' = 0 \rightarrow a' = -ad'$$

$$\rightarrow f d = \omega d'$$

$$a_{1\omega} = a'_{1\omega} \frac{d'}{d} = \frac{\omega d'}{\frac{\omega}{\epsilon} d'} = \frac{\omega}{\epsilon}$$

$$y_{ar}^r = \omega_{ara} + \pi_{ara}$$

$$f_{a_1 r} = f_{a_1 r a} + \omega_{a_1 r a} = f_{a_1 r} \left(\frac{f_{a_1 r a} - a}{a_1 r a} \right) = \frac{\omega_{a_1 r a}}{\omega(a_1)}$$

$$\frac{a_1}{d} = \frac{a_1 + w_d}{d}$$

$$\textcircled{1} = \frac{-r_d + r_d}{d}$$

$$(f) \frac{\frac{r}{y} d + r d}{d}$$

$$\frac{d}{dr} = \frac{1}{r} = f, w$$

$$a_1 + x_d = 0 \rightarrow a_1 = -x_d$$

$$a_1 = \frac{v}{F} d$$

$$\text{also } a_n = c, b, a \rightarrow a = c + r d \quad b = c + d$$

$$\text{also } b_n = \frac{c}{f}, \frac{a}{r}, b \rightarrow \frac{a}{r} = \frac{c}{f} (q), b = \frac{c}{f} (q^r)$$

$$b = c + d = \frac{c}{f} q^r - d = \frac{c}{f} q^r - c \rightarrow c \left(\frac{q^r}{f} - 1 \right)$$

$$a = c + r d = \frac{c}{r} d - r d = \frac{c}{r} q - c = c \left(\frac{q}{r} - 1 \right)$$

$$\frac{r d}{d} = \frac{c \left(\frac{q}{r} - 1 \right)}{c \left(\frac{q^r}{f} - 1 \right)} = \frac{\left(\frac{q}{r} - 1 \right)}{\left(\frac{q^r}{f} - 1 \right)} \Rightarrow r = \frac{1}{\frac{q^r}{f} + 1} \rightarrow d + r = 1 \quad d = -1$$

$$r d = -r$$

$$c, r a, r b \rightarrow r a = c + d, r b = c + r d$$

$$r b \rightarrow r c q = c + r d \rightarrow r c q - c = r d \rightarrow c (r q - 1) = r d$$

$$r a \rightarrow r c q^r = c + d \rightarrow r c q^r - c = d \rightarrow c (r q^r - 1) = d$$

$$\frac{r d}{d} = \frac{c (r q - 1)}{c (r q^r - 1)} \Rightarrow r = \frac{r q - 1}{r q^r - 1}$$

$$\begin{aligned} (r q^r - 1) - (r q - 1) &\rightarrow r q^r - r q - 1 = 0 \rightarrow (q - 1)(q + 1) = 0 \\ &\rightarrow q^r - r q - 1 = 0 \rightarrow q = \frac{r}{f} = 1 \\ &\quad q = \left(-\frac{1}{r} \right) \end{aligned}$$

$$\frac{a_q}{(q_r)^r} + \frac{a_r}{a^r} = r \rightarrow \frac{a_1 q^{\omega r}}{a_1^r q} + \frac{a_1 q}{a_1^r} = r \rightarrow \frac{q^r}{a_1^r} + \frac{q}{a_1} = r \rightarrow \frac{q^r}{a_1^r} + 1 \frac{q}{a_1} - r = 0$$

$$\frac{a_1^r}{a_1} = \frac{a}{q} \rightarrow \frac{a}{q} = 1 / -\frac{1}{r}$$

$$\left(\frac{q}{a_1} + r \right) \left(\frac{q}{a_1} - 1 \right) = 0$$

$$\frac{q}{a_1} = \begin{matrix} -r \\ 1 \end{matrix}$$

$$a_r^r = a_r \rightarrow a_r = a_r d \rightarrow q = a_r$$

$$a \omega = r v$$

$$\frac{a \omega}{a_r} = q^r = \frac{r v}{\frac{a_r}{q}} = q^r = r v \rightarrow q = r$$

$$a \omega = a_1 d^f \rightarrow a_1 = \frac{a \omega}{d^f} = \frac{r v}{r^f} = \frac{r v}{11} = \frac{1}{r}$$

$$\frac{1}{r} - \frac{1}{r} = \frac{1}{r}$$

(v)

(A)

(q)

(10)