

سارا سالیکی تطبیق شماره ۱۳ بازدم رفتار A

$$y = (a-1)n^r + n + r \rightarrow -\frac{b}{a} = r \rightarrow \frac{-1}{r_a - r} = r \rightarrow r_a - r = -1 \quad -1$$

$$r_a = r \rightarrow a = \frac{r}{r} \rightarrow y = -\frac{1}{r}n^r + n + r$$

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

$$\frac{-1 \pm r}{-\frac{1}{r}} \rightarrow \begin{matrix} \nearrow 4 \\ \searrow -2 \end{matrix} \quad \leftarrow + \text{طول}$$

$$\begin{array}{c|c|c} n_1 & n_2 & \\ \hline - & + & - \end{array} \rightarrow m < 0$$

$$f(n) = mn^r - \Delta n + m \quad -2$$

$$\Delta > 0 \rightarrow r\Delta - r(m)(m) = -rn^r + r\Delta > 0 \rightarrow rn^r < r\Delta \rightarrow$$

$$rn < \Delta \rightarrow m < \frac{\Delta}{r}$$

$$\Rightarrow m \in (0, \frac{\Delta}{r})$$

$$\frac{r + \sqrt{\Delta}}{r} \cdot \frac{r - \sqrt{\Delta}}{r} = \frac{r - \Delta}{r} = \frac{r}{q} = p \quad -3$$

$$\frac{r + \sqrt{\Delta} + r - \sqrt{\Delta}}{r} = \frac{r}{r} \Rightarrow S = r$$

$$\left. \begin{aligned} 2^r - 5n + p &= 0 \\ n^r - rn + \frac{r}{q} &= 0 = \end{aligned} \right\}$$

$$q n^r - 11 n + r = 0$$

$$S = -\frac{b}{a} = r, \quad p = \frac{c}{a} = \frac{m+r}{r} \rightarrow \alpha^r + \beta^r = (\alpha + \beta)^r - r\alpha\beta$$

$$\beta = r - \alpha \rightarrow r\alpha^r + (r - \alpha^r) = r \rightarrow r\alpha^r + r - \alpha^r = r \rightarrow \alpha^r = r$$

$$r\alpha^r - 11\alpha + r = 0 \rightarrow \alpha^r - r\alpha + 1 = 0 \rightarrow (\alpha - 1)^r = 0 \rightarrow \alpha = 1, \beta = r$$

$$\alpha\beta = r \Rightarrow \frac{m+r}{r} = r \Rightarrow m+r = r^2 \rightarrow m = r^2 - r$$

$$\begin{vmatrix} 0 & 5 \\ \Delta & 9 \end{vmatrix} \begin{vmatrix} r \\ q \end{vmatrix} \rightarrow y = a(n-h)r + k \rightarrow y = a(n-r)r + 9 \underline{\Delta} \quad -\Delta$$

$$\Delta = a(n-r)r + 9 \rightarrow r a + 9 = \Delta \rightarrow r a = -r \rightarrow a = -1 \rightarrow y = -(n-r)r + 9$$

$$y = -n^2 + r n + \Delta \quad 14 - r(-1)(\Delta) = r 4 \quad \frac{-r \pm 4}{-r} \rightarrow -1 \rightarrow \Delta$$

بالإشارة $\rightarrow (-1, \Delta)$

$$\alpha n^2 - V n + 9 \beta$$

$$S = \frac{V}{\alpha} \quad P = \frac{9\beta}{\alpha} \rightarrow \alpha\beta = \frac{9\beta}{\alpha} \rightarrow \alpha^2\beta = 9\beta \rightarrow \alpha^2 = 9 \rightarrow \alpha = \pm 3$$

$$\alpha = 3 \rightarrow r n^2 - V n + 9\beta = 0 \rightarrow r V - r^2 + 9\beta = 0 \rightarrow 9\beta = r^2 - r \quad \text{GUE}$$

$$\alpha = -3 \rightarrow -r n^2 - V n + 9\beta = 0 \rightarrow -r V + r^2 + 9\beta = 0 \rightarrow 9\beta = r - r^2 \rightarrow \beta = \frac{r}{9}$$

$$\frac{1}{\alpha} + \frac{1}{\beta} = \frac{1}{3} + \frac{9}{r} = \frac{V}{4}$$

$$\alpha + \beta = -m \Rightarrow \beta = -m - \alpha \rightarrow \alpha^2 - m(-m - \alpha) = 1 \Rightarrow \quad -V$$

$$\alpha^2 + m^2 + m\alpha = 1$$

$$\alpha^2 + m\alpha - r m = 0 \Rightarrow \alpha^2 = -m\alpha + r m$$

$$(-m\alpha + r m) + m^2 + m\alpha = 1 \Rightarrow m^2 + r m - 1 = 0 \quad \begin{cases} m = r \rightarrow \alpha + \beta = -r \\ m = -r \rightarrow \alpha + \beta = r \end{cases} \quad \text{GUE}$$

$$m \rightarrow m_0$$

$$\frac{-b}{r_a} = \frac{-r}{r_m} = \frac{-r}{a} \rightarrow$$

-1

$$m\left(\frac{r}{m}\right) + r\left(\frac{-r}{m}\right) + \frac{m}{r} + V = \frac{r}{m} - \frac{1}{m} + \frac{m}{r} + V = -\frac{r}{m} + \frac{m}{r} + V = 1 \Rightarrow$$

$$\frac{m^r - r_m - 1}{r_m} = 0 \Rightarrow m \rightarrow K \bar{C} \bar{C} \bar{E}$$

$$\rightarrow m = -r \rightarrow -r_a^r + r_a + 1 = 0 \rightarrow m^r - r_m - r = 0$$

$$(m-r)(m+1) = 0 \Rightarrow K = 14$$

$$s \Big|_y^r, \Big|_r^0 \rightarrow y = a(n-h)^r + K \rightarrow y = a(n-r)^r + 1 \xrightarrow{r} -1$$

$$r = a(0-r)^r + 1 \rightarrow r_a = -r \rightarrow a = -\frac{1}{r} \rightarrow y = -\frac{r^r}{r} + r_h + r \rightarrow$$

$$\frac{1}{\alpha} + \frac{1}{\beta} = \frac{\alpha + \beta}{\alpha\beta} = \frac{r}{-1} = -\frac{1}{r}$$

$$S = r$$

$$p = -1$$

$$m^r - (r_a + r)m + (r_a^r + r_a + 1) = 0 \rightarrow r - 1a - 1 + r_a^r + r_a + 1 = 0 \rightarrow$$

$$r_a^r - r_a - 1 = 0$$

$$r - r(-1)(r) = 14$$

$$\frac{r + r}{r} \rightarrow 1 \rightarrow -\frac{1}{r}$$

$$a = 1 \rightarrow m^r - 1m + 14 = 0 \rightarrow \Delta = 14 \rightarrow \frac{1 + r}{r}$$

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

$$\rightarrow m^r - \frac{1}{r}m + \frac{r}{r} = 0 \rightarrow \Delta = \frac{14}{r} \rightarrow \frac{1}{r} \pm \frac{r}{r}$$

$$\rightarrow m = \frac{r}{r} \rightarrow m = r$$