

14, 5

سارنا استانی بازدم رشت - سارنا

$$\begin{aligned} \frac{p}{a} &= \frac{r}{k} \rightarrow \alpha = \pm \frac{r}{k} \\ \frac{p}{a} &= \frac{r}{k} \rightarrow \alpha = \frac{r}{k} \rightarrow \beta = r \rightarrow a = 1 \\ \frac{p}{a} &= \frac{r}{k} \rightarrow \alpha = -\frac{r}{k} \rightarrow \beta = -r \rightarrow a = -1 \end{aligned}$$

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

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$$a = a \quad \beta = r a$$

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$$\frac{k}{r} = \frac{p}{a} \rightarrow \frac{k}{r} = \frac{r}{a} \rightarrow a = \pm \frac{r}{a}$$

$$\begin{aligned} \int + \frac{r}{a} &\rightarrow \frac{+r}{a} + r \left(\frac{r}{a} \right)^2 = \frac{1}{a} \quad a = -\frac{1}{a} \\ - \frac{r}{a} &\rightarrow -\frac{r}{a} + r \left(-\frac{r}{a} \right)^2 = \frac{-r-4}{a} = -\frac{1}{a} \rightarrow a = \frac{1}{a} \\ \text{اتلاف دو مقدار} &\rightarrow \frac{+1}{a} - \left(-\frac{1}{a} \right) = \frac{14}{a} \end{aligned}$$

$$r a^2 - (m+1) a + \frac{\alpha + \beta + r \sqrt{\frac{1}{\mu_4}}}{\frac{1}{\mu_4}} = 0 \rightarrow \frac{m+1}{\frac{1}{\mu_4}} + r \sqrt{\frac{1}{\mu_4}} \rightarrow m+1+r = 0 \rightarrow m = -1$$

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$$\left(\sqrt{\frac{1}{a}} + \sqrt{\frac{1}{b}} \right)^2 = \frac{1}{a} + \frac{1}{b} + 2 \sqrt{\frac{1}{ab}} = \frac{m+1}{\frac{1}{\mu_4}} + r \sqrt{\frac{1}{\mu_4}}$$

0

$$\frac{1}{a} + \frac{1}{b} + 2 \sqrt{\frac{1}{ab}} = \frac{m+1}{\frac{1}{\mu_4}} + r \sqrt{\frac{1}{\mu_4}}$$

$$m+1+r = 0$$

$$m+1+r = 0 \rightarrow m = -1$$

$$\frac{p}{m} \rightarrow \frac{r}{-1} \rightarrow \text{مقدار}$$

$$k a^2 + k a^2 - a a - r = 0 \quad a \beta = -r \quad a + \beta = 1$$

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$$(x-a)(x-\beta) = x^2 - (a+\beta)x + a\beta = x^2 - x - r$$

$$(x-r)(x+1) = 0 \quad \alpha = r \quad \alpha = -1$$

5

$$\alpha = r \quad \beta = -1 \rightarrow -r + k + a - r = 0$$

$$k = -r$$

$$S = -4 \quad \alpha\beta = \alpha \quad \alpha, \beta = \frac{-4 \pm \sqrt{16 - 4a}}{2} \rightarrow \alpha < \beta \rightarrow \alpha = -2 - \sqrt{4-a} \quad (K)$$

$$K\alpha^r + r\beta^r = \alpha^r + r(S^r - rP) = 11rP + 11\omega \rightarrow \alpha = 1$$

③

$$2K - V2P - \omega = 0$$

$$S_9 P$$

②

$$t^r - Vt - \omega = 0$$

$$t = \alpha^r$$

$$t = \frac{V \pm \sqrt{4a}}{P}$$

$$\frac{V - \sqrt{4a}}{P}$$

$$\bar{Q}\bar{Q}\bar{S}$$

$$t \geq 0 \text{ և } t \leq 0$$

⑤

$$\frac{V + \sqrt{4a}}{P} = t \rightarrow \alpha = \pm \sqrt{\frac{V + \sqrt{4a}}{P}}, S = 0, P = \frac{-V - \sqrt{4a}}{P}$$

$$P \left(- \left(\frac{V + \sqrt{4a}}{P} \right) \right)^r = \frac{P}{P} \left(\frac{K9 + 49 + 11\sqrt{49}}{P} \right) = \frac{11 + 11\sqrt{49}}{P}$$

$$= 29 + V\sqrt{49}$$

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$$pa^r + a^r - 4 = 0$$

$$\omega \rightarrow \alpha, \beta \quad a, \beta = -r$$

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

$$\left[\frac{ab}{r} \right] = \left[\frac{-4}{r} \right] = (-r)$$

$$pa^r - a^r + b = 0$$

(4)

$$\omega \rightarrow a + \frac{1}{r}, \beta + \frac{1}{r}$$

$$a + \beta + 1 = \frac{a}{r}$$

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

$$\rightarrow a = 1$$

(5)

$$(a + \frac{1}{r})(\beta + \frac{1}{r})$$

$$a\beta + \frac{a}{r} + \frac{\beta}{r} + \frac{1}{r}$$

$$b = 4 \leftarrow \frac{b}{r} = -r \leftarrow -r - \frac{1}{r} + \frac{1}{r} = (-r)$$

$$an^r - an - b = 0$$

(6)

$$r_0 \beta^r + r_0 \alpha^r - r_0 \beta = 14 \rightarrow r_0 \beta^r + r_0 (1 - \beta)^r - r_0 \beta = 14$$

$$r_0 \beta^r + r_0 + r_0 \beta^r - r_0 \beta - r_0 \beta = 14$$

$$a + \beta = 5 \rightarrow \left(\frac{-a}{a} \right) = 1$$

$$4_0 \beta^r - 4_0 \beta + r = 0$$

$$\downarrow$$

$$\alpha = 1 - \beta$$

$$r_0 \beta^r - r_0 \beta + 1 = 0$$

(5)

$$\beta = \frac{r_0 \pm \sqrt{r_0^2 - 4r_0}}{2r_0} = \frac{\omega \pm \sqrt{\omega}}{1_0}$$

$$\alpha = 1 - \beta = 1 - \frac{\omega - \sqrt{\omega}}{1_0} = \frac{\omega + \sqrt{\omega}}{1_0} \rightarrow |\alpha - \beta| = \frac{\sqrt{\omega}}{\omega}$$

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$$\alpha = 1 - \beta = 1 - \frac{\omega + \sqrt{\omega}}{1_0} = \frac{\omega - \sqrt{\omega}}{1_0} \Rightarrow \frac{\sqrt{\omega}}{\omega} = |\alpha - \beta|$$

$$r_{t+1}, r_{t+2} \leftarrow a^r - (a+1)a + a = 0$$

(A)

$$r_{t+2} + r_{t+1} = a+1 \Rightarrow a^r - (ra+1)a + b = 0$$

$$r_{t+2} + r_{t+1} = a$$

$$r_k, r_{k+1}$$

(5)

$$r_{t+2} + r_{t+1} = r_{t+1}$$

$$r_{k+2} = r_{k+1} \rightarrow a = \frac{r_{k+1}}{r_k}$$

$$r_{t+2} + r_{t+1} = 0$$

$$r_k^r + r_{k+1} = b$$

$$r_t(t+1) = 0 \rightarrow a = r$$

$$\frac{r_{k+1}}{r_k} = r$$

$$t = 0, 1, 2, \dots$$

$$|r - r| = 1$$

$$k = r - r_k = 1 - 1$$

$$2^r + 1 - 1 - m^r = 0$$

(9)

$$a^r + \beta^r = s^r \quad r p = 1 + r + r m^r = r + r m^r = r$$

$$s = -1$$

$0 = \text{ليس في الحل}$

(5)

$$p = \frac{-1 - m^r}{1}$$

$$m = 0$$

$$y_s = 1$$

$$a a^r + b a^r + c$$

$(-a, y) \rightarrow (r, y)$

(10)

$$a - b + c = 1$$

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$$a^r + \beta^r - a = s^r - r p$$

$$2s = \frac{r - a}{p} = -1$$

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

$$2s = \frac{-b}{ra} = -1$$

$$ra - ab = 4a + rb$$

$$a + \beta = \frac{-b}{a}$$

(5)

$$14a - 11b = 0$$

$$r + 4a = 11b$$

$$r m s = s$$

$$s = -r$$

$$a = \frac{b}{r} \rightarrow \frac{c}{\frac{1}{b/r}} = \frac{-1}{r} \rightarrow \frac{rc}{b} = \frac{-1}{r}$$

$$rc = -b$$

$$\frac{b}{r} - b + c = 1$$

$$b - rb + rc = r \rightarrow rc - b = r$$

$$rc + rc = r \rightarrow 4c = r$$

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

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