

بسم رب الذي خلق المصطفى

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نام و نام خانوادگی: ستایش عراقی (آدم) پاسخنامه تشریحی تکلیف شماره ١٩ کلاس: یا: (مستتر)

$$\beta = 3\alpha \quad \alpha\beta = 3\alpha^2 = \frac{6}{r} \Rightarrow \alpha = \pm \frac{r}{\sqrt{3}} \quad \beta = \frac{6}{r} \text{ و } -\frac{6}{r}$$

$$\frac{a}{r} = \alpha + \beta \quad \begin{matrix} \xrightarrow{\alpha = \frac{r}{\sqrt{3}}} \frac{1}{r} \Rightarrow a=1 \\ \xrightarrow{\alpha = -\frac{r}{\sqrt{3}}} -\frac{1}{r} \end{matrix} \quad \text{اختلاف} = 16 \quad a = -1$$

$$\frac{1}{\sqrt{\alpha}} + \frac{1}{\sqrt{\beta}} = a \Rightarrow \frac{\sqrt{\alpha} + \sqrt{\beta}}{\sqrt{\alpha\beta} \cdot \frac{1}{r}} = a \Rightarrow \sqrt{\alpha} + \sqrt{\beta} = \frac{a}{r} \quad p = \frac{1}{\sqrt{3}} \quad \alpha + \beta + \sqrt{\alpha\beta} = \frac{1a}{\frac{1}{\sqrt{3}}} = \frac{1a}{\sqrt{3}}$$

$$S = \alpha + \beta = \frac{1r}{\sqrt{3}} = \frac{-b}{a} = \frac{m+1r}{\sqrt{3}} \Rightarrow m = -1$$

$$P' = \frac{c}{a} = \frac{r}{-1} = -r$$

$$\beta = 1 - \alpha$$

$$\alpha(1 - \alpha) = -r \Rightarrow \alpha - \alpha^2 = -r \Rightarrow \alpha^2 - \alpha - r = 0 \quad (\alpha - 2)(\alpha + 1) = 0$$

$$r - r = \frac{6}{r} = a$$

$$r = -r$$

$$\leftarrow \text{لی از ریشه هاست} \quad \begin{matrix} \alpha = 2 & \alpha = -1 \\ \beta = -1 & \beta = 2 \end{matrix}$$

$$r(\alpha^2 + \beta^2) + 0, d(\alpha^2 - \beta^2)$$

$$\Delta = 36 - 4a \quad S = 1r \quad p = a$$

$$a_0 - \delta a + (4 \times 2 \sqrt{4 - a}) = 12\sqrt{r} + 1\delta$$

$$a = \frac{1}{2}$$

$$a_0 - \delta a = 1\delta$$

$$e_1 = 1$$

همچون $S=0$ هم قیاس است

$$P = -(\alpha\beta)^r \quad t^2 - vt - a = 0 \Rightarrow P = -a$$

$$t^2 - vt - a = 0 \rightarrow t = \frac{v \pm \sqrt{v^2 + 4a}}{2} \quad a^r = \frac{v + \sqrt{v^2 + 4a}}{r} \rightarrow u_1 = \sqrt{\frac{v + \sqrt{v^2 + 4a}}{r}} \rightarrow S = 0, P = \left(-\frac{v + \sqrt{v^2 + 4a}}{r}\right)$$

$$2P^2 - 0 - 0 = 2 \times 4 \times 20 = 12a$$

$$rP^2 - r_3P + r_5 = 59 + \sqrt{49}$$

$$+r\left(\frac{1}{r}\right) = +1$$

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

$$S = a_r = \frac{1}{r} \Rightarrow a = 1$$

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

$$P = b_r = -1$$

$$b = -r \quad (5)$$

$$P' = \left(\alpha + \frac{1}{r}\right)\left(\beta + \frac{1}{r}\right) = \alpha\beta + \frac{1}{r}(\alpha + \beta) + \frac{1}{r^2} = -1$$

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

$$r_0(\alpha + \beta) + r_0(\beta - \alpha) = 10$$

$$S = \alpha + \beta = 1$$

$$1 - \beta = \alpha$$

$$r_0(S - rP) + r_0P = 10$$

$$r_0(1 - rP) + r_0P = 10$$

$$r_0 - r_0P = 10 \Rightarrow P = \frac{r_0}{r_0} \Rightarrow -\frac{b}{a} = \frac{r}{r_0}$$

$$\beta = \alpha + r \Rightarrow \frac{\sqrt{\Delta}}{a} = \frac{\sqrt{a^2 + ra + 1 - ra}}{1} = r \Rightarrow |a - 1| = r$$

$$\beta' = \alpha' + r$$

$$P = a = r \quad (5)$$

$$\hookrightarrow r\alpha' + r = 10 \Rightarrow \alpha' = \frac{10}{r} - 1$$

$$P' = b = r$$

$$P' - P = r - r = 0$$

$$S' - rP = 1 + r + r_m^r \Rightarrow r_m^r + r$$

$$\alpha + \beta = 1$$

$$\alpha\beta = -1 - r$$

$$\left[\frac{r}{r}\right] \text{ مبرين مقارن }$$

$$(5)$$

$$S' - rP = a \Rightarrow r - rP = a$$

$$b = ra$$

$$-\frac{b}{a} = -r = S$$

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

$$\Rightarrow rc = a$$

$$\text{معدل اولي} = -1$$

$$ax^r + bx + c$$

$$\hookrightarrow a - b + c = 1 \Rightarrow$$

$$C - a = 1$$

$$C + rc = 1 \Rightarrow$$

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

$$\text{قطع اولي}$$

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

$$\alpha = 1 - \beta$$

$$r\beta^r + r(1 - \beta)^r - r\beta = 10 \Rightarrow r\beta(\beta - 1)^r = 1 \rightarrow \alpha\beta = \frac{1}{r} = -\frac{b}{a}$$

$$(1)$$

$$\rightarrow a = -r \cdot b$$

$$ax^r - ax - b = 0 \rightarrow -r \cdot b x^r + r \cdot b x - b = 0$$

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