

$$a^r, r(a+1)a, a-1=0 \quad \checkmark$$

$$a+B=-r(a+1)$$

$$a^r = aB \rightarrow a^r = ra-1, a^r, ra+1=0 \rightarrow (a-1)^r=0 \Rightarrow \boxed{a=1}$$

$$-r, \sqrt{r}, a, -r+\sqrt{r}$$

$$a^r - \sqrt{a}^r = 0 \rightarrow t^r - \sqrt{t} = 0$$

$$a^r st \quad t^r - st + p = 0 \rightarrow s = \sqrt{t}, p = -\omega$$

$$mp^r - rsp + rs = r(ra) - r(-\omega)(\sqrt{t}) + r(\sqrt{t}) = \omega + 1\omega + 1\sqrt{t} = \boxed{149}$$

$$y = Kx^r - 9 \rightarrow \left(\frac{-b}{a} \right) = \frac{-b}{ra} = \frac{-r}{rk} \quad 9$$

$$y = -fx - f \quad \text{جواب} = \frac{-\Delta}{ra} = \frac{14 - f(-9)(K)}{fk} = \frac{14 + 9fk}{fk} = \frac{f+9K}{K} = \frac{f+9(-9)}{\omega} = \frac{9}{\omega}$$

$$\frac{f+9K}{K} = -f \left(\frac{f}{xk} \right) - f \rightarrow \frac{f+9K}{K} + \frac{f}{K} = -f \rightarrow \frac{9K+1f}{K} = -f \rightarrow 9K+1f = -fK \rightarrow 10K = -1f \rightarrow K = \frac{-1f}{10} = \frac{-9}{\omega}$$

$$\frac{10-1f}{\omega} = \frac{-1f}{-9} = \frac{f}{9} = \frac{f}{K}$$

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$$y = -mx^r + m+1 \quad -mx^r + m+1 = -m-1$$

$$y = -m-1 \quad mx^r + (-m-1)x - m-1 = 0$$

$$\Delta \leq 0 \rightarrow (-m-1)^2 - 4(m)(-m-1) = m^r, rm+1 + f m^r + fm$$

$$\omega m^r + 9m+1 \leq 0$$

$$m < \frac{-1}{\omega}$$

$$\boxed{-1 < m < -\frac{1}{\omega}}$$

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$$\alpha^r - \omega \alpha + \tau = 0 \quad \frac{\alpha + \beta^{\omega}}{\omega \beta^r} \quad \beta^r - \omega \beta + \tau = 0 \quad \beta^{\omega} = \epsilon \vee \beta - \tau_0$$

$$\alpha + \beta = \omega \rightarrow \alpha = \omega - \beta \quad \beta^r = \omega \beta - \tau \Rightarrow (\beta^r)^r$$

$$\alpha \cdot \beta = \tau$$

$$\alpha + \beta^{\omega} = \alpha + \epsilon \vee \beta - \tau_0 \rightarrow \epsilon(\omega - \beta) + \epsilon \vee \beta - \tau_0 = \tau_0 - \epsilon \beta + \epsilon \vee \beta - \tau_0 = \epsilon \vee \omega \beta - 19_0$$

$$\frac{\alpha + \beta^{\omega}}{\omega \beta^r} = \frac{\epsilon \vee \omega \beta - 19_0}{\omega \beta^r} = \frac{\epsilon \vee \omega \beta}{\omega \beta^r} - \frac{19_0}{\omega \beta^r} = \boxed{\frac{q_0}{\beta} - \frac{\tau_0}{\beta^r}} \quad \beta \text{ constant}$$

$$\frac{\tau - 19_0}{\tau} = \frac{19}{\tau} = \frac{19}{\frac{19}{\tau}} = \frac{19}{\tau} = \frac{\tau}{\tau} = \frac{\tau}{\tau}$$

$$\alpha_s = \frac{\tau}{\tau} \quad \frac{-b}{\tau a} = \frac{\tau}{\tau} \quad \frac{-b}{a} = \boxed{\frac{\tau}{\tau}}$$

$$\alpha^r + \beta = \omega \quad y = (\alpha - \alpha)(\alpha - \beta) = \alpha^r - (\alpha + \beta)\alpha + \alpha\beta$$

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

$$\begin{array}{c|c} \alpha & y \\ \hline -\omega & y \\ \hline \tau & y \end{array} \Rightarrow f(\tau) = f(-\omega) \quad \tau^r + \tau p + q = \tau \omega - \omega p + q \rightarrow q + \tau p = \tau \omega - \omega p$$

$$\omega = (-\tau)^r - \tau \alpha \beta \rightarrow \alpha \cdot \beta = \frac{-1}{\tau} \Rightarrow \boxed{(0, \frac{-1}{\tau})} \quad \tau p = 19 \rightarrow p = \tau$$

$$\alpha + \beta = -\tau \checkmark$$

$$\alpha^r + \tau k \alpha + \omega = 0 \rightarrow |\alpha - \beta| = \frac{\sqrt{\Delta}}{|a|} = \frac{\sqrt{f k^r - \tau_0}}{1} = \sqrt{f k^r - \tau_0} \quad \text{فاصله}$$

$$\sqrt{f k^r - \tau_0} = \frac{f}{\tau} k \Rightarrow f k^r - \tau_0 = \frac{19}{q} k^r \rightarrow f k^r - \frac{19}{q} k^r = \tau_0 \quad \frac{q}{\tau} = \epsilon \vee \omega$$

$$\frac{19}{q} k^r = \tau_0 \rightarrow k^r = 9 \quad \left[\frac{k^r}{\tau} \right] = \left[\frac{9}{\tau} \right] = \boxed{9} \quad \text{برای}$$

$$-\alpha^r + \omega \alpha + m = 0 \rightarrow \min \alpha^r - \omega \alpha - m = 0 \rightarrow \left(\frac{q}{\tau} \right)^r - \omega \left(\frac{q}{\tau} \right) + m > 0$$

$$\alpha \cdot \beta = \omega \quad \omega = \frac{19}{\tau} \rightarrow \frac{19}{\tau} < \frac{q}{\tau} \checkmark \quad \frac{19}{\tau} - \frac{19}{\tau} + m > 0$$

$$\Delta = \tau \omega - f m > 0 \rightarrow m < \frac{\tau \omega}{f} \quad m > \frac{q}{\tau}$$

$$\frac{q}{\tau} < m < \frac{\tau \omega}{f} \Rightarrow m = \tau, \omega = 9 \quad \text{باب}$$

$$y_s = \tau \quad y = m \alpha^r - 12 \alpha + \omega m - 1 \rightarrow m \left(\frac{q}{m} \right)^r - 12 \left(\frac{q}{m} \right) + \omega m - 1 = \frac{\tau \tau}{m} - \frac{12 \tau}{m} + \omega m - 1$$

$$\frac{-12 \tau}{m} + \omega m - 1 = \tau \rightarrow \frac{-12 \tau}{m} + \omega m = \tau + 1 \rightarrow -12 \tau + \omega m^2 - \tau m = 0$$

$$\Delta = 9 + 12 \tau_0 = 12 \tau_0 \quad m = \frac{\tau \pm \sqrt{\tau_0}}{10} \rightarrow m = \tau, m = -\frac{12}{\omega}$$

$$a = m > 0 \Rightarrow m = \tau$$

$$\alpha_s = \frac{q}{m} = \frac{q}{\tau} = \boxed{9} \checkmark$$

$$\frac{f\alpha}{a\beta^r} + \frac{\beta^a}{a\beta^r} = \frac{f}{a} \frac{\alpha}{\beta^r} + \frac{1}{a} \beta^r$$

$$\alpha\beta = r \rightarrow \beta = \frac{r}{\alpha} \rightarrow \beta^r = \frac{f}{\alpha^r} \leadsto \frac{f}{a} \frac{\alpha}{\beta^r} = \frac{f}{a} \frac{\alpha}{\frac{f}{\alpha^r}} = \frac{1}{a} \alpha^r$$

$$\frac{1}{a} (\alpha^r - rsp) = \frac{1}{a} (128 - r(3)(5)) = \frac{1}{a} (128 - 30) = \frac{98}{a} = 19$$

$$x_5 = \frac{r-a}{r} = -1 \leadsto -\frac{b}{ra} = -1 \leadsto -\frac{b}{a} = -r = 5$$

طول راس سهواً میانه‌ی دو نقطه‌ی هم عرض است (مثل سهواً! متوجه شدی...)

$$مساحت = (y-1) = a(n+1)^2 \leadsto y = an^2 + 2an + a + 1$$

$$a^r + \beta^r = s^r - rp \leadsto (-r)^r - rp = a \rightarrow p = -\frac{1}{r} \leadsto \frac{a+1}{a} = -\frac{1}{r} \leadsto ra + r = -a \rightarrow a = -\frac{r}{r+1}$$

$$محض از مبدا = a - 1 \leadsto -\frac{r}{r+1} + 1 = \frac{1}{r+1}$$

$$x^r = t \rightarrow t^r - vt - a = 0 \rightarrow t = \frac{v \pm \sqrt{49}}{r} \xrightarrow{x^r} x = \pm \sqrt{\frac{v \pm \sqrt{49}}{r}} \leadsto s = 0, p = -\left(\frac{v \pm \sqrt{49}}{r}\right)$$

$$rp^r - \underbrace{rs^r}_{=0} + \underbrace{rs}_{=0} = rp^r = r \left(\frac{v \pm \sqrt{49}}{r} \right)^r = \frac{1}{r} (49 + 49 + 14\sqrt{49}) = 59 + v\sqrt{49}$$

$$مساحت = x_5 = -\frac{b}{ra} = \frac{f}{rk} = \boxed{\frac{r}{k}}$$

$$y_5 = k \left(\frac{r}{k} \right)^r - f \left(\frac{r}{k} \right) - 4 = \frac{f}{k} - \frac{r}{k} - 4 = \boxed{-\frac{f}{k} - 4}$$

$$-\frac{f}{k} - 4 = -f \left(\frac{r}{k} \right) - f \leadsto \frac{f}{k} = r \rightarrow \boxed{k = r}$$

$$محض مبدا = -\frac{f}{k} - 4 = -r - 4 = -8$$