

نام و نام خانوادگی پاسخنامه تشریحی تکلیف شماره ۲۲ کلاس دوم دختر
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$$\frac{r\alpha + \beta^0}{\alpha\beta^r} \quad \begin{matrix} r^r - \omega n + r = 0 \\ \nearrow S = \frac{-b}{a} = \omega = \alpha + \beta \\ \searrow \rho = r = \alpha\beta \end{matrix}$$

$$\left(\frac{r \times r \times \alpha + \beta^0}{\alpha\beta^r} \right) = \frac{\alpha\beta \times \beta \times \alpha + \beta^0}{(\alpha + \beta) \beta^r} = \frac{\alpha^r \beta^r + \beta^0}{(\alpha + \beta) \beta^r} = \frac{\alpha^r + \beta^r}{\alpha + \beta} = \frac{S^r - rSp}{S} = S^r - r\rho$$

$$= \omega^r - r \times r = r\omega - r(19)$$

$$z_{\text{مستقیم}} = \frac{3-1.5}{4} = 0.175 \Rightarrow \frac{\alpha+\beta}{4} = \frac{1.5}{100} \rightarrow \alpha+\beta = \left(\frac{3}{2}\right)$$

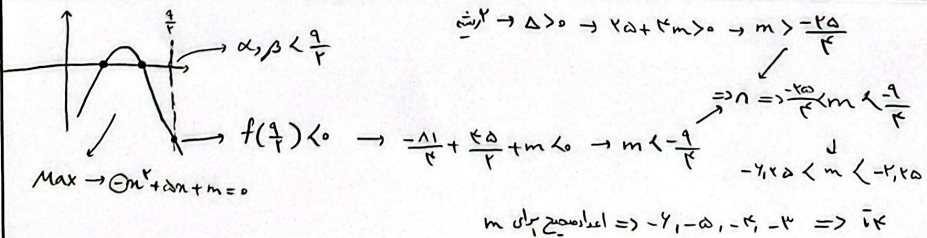
$(3, -4), (-1, 5), (-4, -3) \rightarrow$ روی عرض هستند

$$\frac{\sqrt{\Delta}}{|a|} = \frac{r}{K} \rightarrow \frac{\sqrt{K K^T r_0}}{1} = \frac{r}{K} \rightarrow K K^T r_0 = \frac{q}{14} K^T \rightarrow \frac{r_0 - q}{14} K^T = r_0$$

$$\rightarrow \frac{q_0}{14} K^T = r_0 \rightarrow K^T = \frac{r_0 \times 14}{\frac{q_0}{11}} = \frac{r_0}{11} \Rightarrow \left[\frac{r_0}{r_0} \right] = 1$$

$\hookrightarrow r_0$

$$\begin{aligned} (-\alpha, y), (r, y) &\rightarrow \text{مركز الجاذبية} \Rightarrow \frac{-\alpha + r}{r} = -1 \\ \frac{\alpha + \beta}{r} = -1 &\rightarrow \alpha + \beta = -r \quad (\alpha + \beta)^r = \alpha^r + \beta^r + r\alpha\beta \rightarrow (-r)^r = \alpha + r\alpha\beta \\ r\alpha\beta = -1 &\rightarrow \alpha\beta = \rho = \frac{-1}{r} \\ y = x^r - sn + \rho &\Rightarrow y = x^r + rx - \frac{1}{r} \xrightarrow{n=0} y = \frac{1}{r} \end{aligned}$$



$A_{in} \left \begin{array}{l} \frac{-b}{ra} = \frac{1r}{rm} = \frac{y}{m} \rightarrow r = rx \times \frac{my}{m^2} - 1r \times \frac{y}{m} + am - 1 \\ \downarrow \\ \frac{y}{m} = 4x \times \frac{a}{-1r} = \frac{a}{-r} = -r, a \times \rightarrow Max \\ \frac{y}{m} = \frac{a}{r} \rightarrow Min \end{array} \right.$ $r = \frac{1^2 y - \sqrt{y}}{m} + am \rightarrow \cancel{am}r - r^2m - \cancel{y} = 0$ $(m - \frac{1a}{a})(m + \frac{r}{a}) = 0$ $m = r, -\frac{1r}{a}$	6
$a^r = \alpha\beta \rightarrow \text{conjugate}$ $x^r + r(a+1)x + ra - 1 = 0$ $a^r = p = \frac{c}{a} = \frac{ra-1}{1}$ $a^r = ra-1 \rightarrow a^r - ra + 1 = 0 \rightarrow (a-1)^r = 0 \rightarrow a = 1$	7
$x^r = t \rightarrow t^r - vt - a = 0 \rightarrow t = \alpha, \beta \rightarrow \alpha > 0, \beta < 0$ $x^r = \alpha \checkmark \rightarrow x = \pm \sqrt{\alpha} \rightarrow s = -\sqrt{\alpha} + \sqrt{\alpha} = 0 \rightarrow rp^r - r^2p + r^2s = rp^r$ $x^r = \beta \times \rightarrow \beta < 0 \text{ و } \beta$ $\beta = \frac{v - \sqrt{v^2 - 4a}}{2} \quad \alpha = \frac{v + \sqrt{v^2 - 4a}}{2}$ $\rightarrow rp^r = r(-\sqrt{\alpha} \times \sqrt{\alpha})^r = r(-\alpha)^r = +ra^r = r \times \frac{(v + \sqrt{v^2 - 4a})^r}{r^r} = \frac{r^r + v^r + 1^r \sqrt{v^2 - 4a}}{r^r} = \frac{11 + 1^r \sqrt{v^2 - 4a}}{r^r}$ $= \alpha + v \sqrt{v^2 - 4a}$	8
$y = kx^r - rx - y$ $y = -rx - r$ $\downarrow$ $\frac{-r}{k} - y = -r \times \frac{r}{k} - r \rightarrow \frac{r}{k} = r \rightarrow k = r$ $\text{ex } \left \begin{array}{l} \frac{r}{rk} = \frac{r}{k} \Rightarrow y = k \times \frac{r}{k^r} - r \times \frac{r}{k} - y = \frac{r-1}{k} - y = \frac{-r}{k} - y \\ \frac{-r}{k} - y \xrightarrow{k=r} \frac{-r}{r} - y = -r - y = -1 \end{array} \right.$	9
$y = -mn^r + mn + 1 \quad , \quad y = -m - n$ $\Rightarrow -mn^r + mn + 1 = -m - n \rightarrow mn^r - (m+1)n - m - 1$ $\Rightarrow \Delta < 0 \rightarrow m^r + 1 + rm + rm^r + rm < 0 \rightarrow am^r + ym + 1 < 0 \rightarrow m = -1, -\frac{1}{a}$ $\Rightarrow m = (-1, -\frac{1}{a})$ $\begin{array}{c} -1 \quad -\frac{1}{a} \\ + \quad - \quad + \end{array}$	10