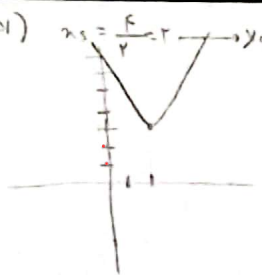
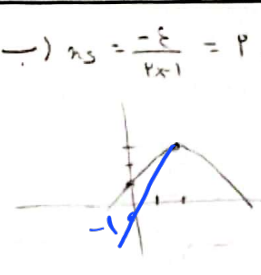


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نام و نام خانوادگی شمس الدین پاسنامه تشریحی تکلیف شماره کلاس A	
۱) $x_3 = \frac{f}{x-1} \rightarrow y_3 = 3$  ۲) $x_3 = \frac{-f}{x-1} = 2 \rightarrow y_3 = 3$ 	۱
۱) $\Delta > 0 \rightarrow (m+1)^2 - 4(1)(\frac{1}{4}m^2) > 0 \rightarrow m^2 - 2m - 10 > 0 \rightarrow (m-5)(m+2) > 0$ $\Delta = 0 \rightarrow m^2 - 2m - 10 = 0 \rightarrow m = 5 \text{ یا } -2$ $\Delta < 0 \rightarrow m^2 - 2m - 10 < 0 \rightarrow -3 < m < 5$ $\Delta > 0 \rightarrow m^2 - 2m - 10 > 0 \rightarrow (-\infty, -3] \cup [5, +\infty)$	۲
۱) $\Delta > 0 \quad S < 0 \quad P > 0 \rightarrow (-2m-2)^2 - 4(m-1)(1) > 0 \rightarrow \frac{r(m+1)}{m-2} < 0 \rightarrow m < -1$ $2m+2 < 0 \rightarrow m < -1 \rightarrow (-\infty, -1)$ $P > 0 \rightarrow \frac{1}{m-2} > 0 \rightarrow m > 2$ $\Rightarrow A > B \rightarrow S < 0 \rightarrow \frac{r(m+1)}{m-2} < 0$ $P < 0 \rightarrow \frac{1}{m-2} < 0 \rightarrow m < 2$	۳
۱) $\Delta > 0 \rightarrow f(m+1)^2 - f(m+1)(1) > 0 \rightarrow fm^2 + 2fm + f - fm - f > 0 \rightarrow fm^2 + fm > 0$ $\rightarrow \frac{f}{a} < 0 \rightarrow \frac{1}{m-2} < 0 \rightarrow m < 2$ $\Rightarrow m < 2$ ۲) $x_3 = -2 \rightarrow \frac{-b}{2a} = \frac{r(m+1)}{r(m-2)} = 2 \rightarrow -fm + 2 = rm + 2 \rightarrow 9m = 4 \rightarrow m = \frac{4}{9}$	۴
$\frac{r(m^2)}{a} \cdot \frac{r \sin \alpha}{b} \cdot \frac{r}{c} \Rightarrow fm^2 - 12 \sin \alpha + 9 = 0 \rightarrow \Delta = 0 \rightarrow \frac{1}{2}$ $\sim m = \frac{1}{2} \parallel \frac{r}{p}$	۵

$$\frac{(m^2 - 2m - 1)(m^2 - 2m - 0)}{1 - m^2} \text{, لا انقسم؟}$$

$$\frac{(m^2 - 2m - 1)(m^2 - 2m - 0)}{(1 - m)(1 + m)} = \frac{(m+1)(m+1)(m+1)(m-0)}{(-1)(1+m)(1+m)} = -(m^2 - 1m - 0)$$

$$y_s = \frac{-\Delta}{f_a} = \frac{199 - f(-4)(5)}{-24} = 12,1 \times 10^3 \approx 12,1 \cdot f$$

$$w_s = a_p + v \rightarrow \frac{m+9}{m} = a\left(\frac{-r}{m}\right) + v \rightarrow \frac{m+14}{m} = v \times r$$

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$$m+14 = vm \rightarrow km = 14 \rightarrow m = f$$

$$\alpha^r + \beta^r = s^r - r p = \left(\frac{f+r}{r}\right)^r - r\left(\frac{-r}{f}\right) = \frac{13}{f}$$

$$x^r - \frac{a}{s}m + \frac{r}{p} = \dots \rightarrow \alpha\beta = r \text{ و } \alpha + \beta = 0 \rightarrow \beta = \frac{r}{\alpha}$$

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

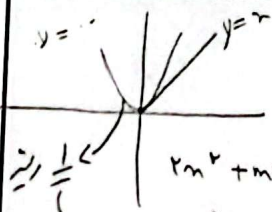
$$= \frac{s^r - r p}{\Delta} = \frac{120 - r(5)(r)}{\Delta} = 19$$

$$n=r \rightarrow 1f = fa + rb + r \frac{x^r}{r}, \quad fr = 1ra + 4b + 1r \xrightarrow{a=1} 18 + 4b = 8r - 9b = 18$$

$$n=r \rightarrow r = 9a - rb + r \frac{x^r}{r} \xrightarrow{a=1} 18a - 4b + r$$

$$\Delta = r \cdot a + r \rightarrow a=1$$

$$\rightarrow y = \alpha^r + r n + \varepsilon \rightarrow \text{و } n_s = \frac{-r}{r}$$



$$\rightarrow m^r + (m+1)m + m + 4 = x$$

$$m^r + m^2 + m + 4 = \dots \rightarrow m^r - f(r)(m+4) = 0 \rightarrow m^r - 1m - 4 = \dots$$

$$(m-12)(m+4) = \dots \rightarrow m = 14 \leq 7 \rightarrow (-1, 1)$$