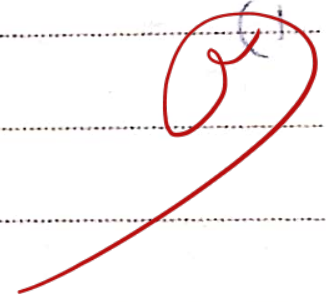
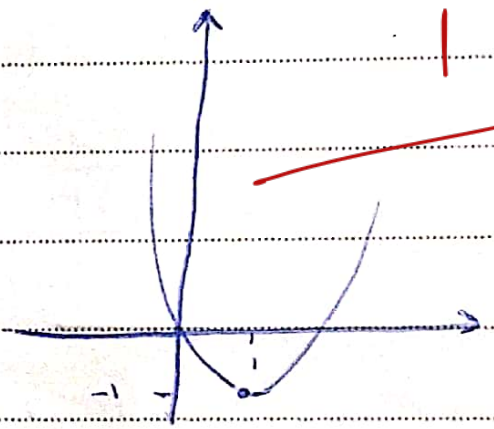
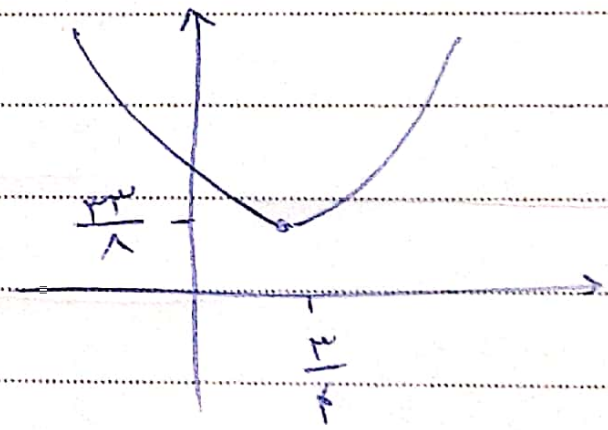


تعمیراتی کلاس A و B

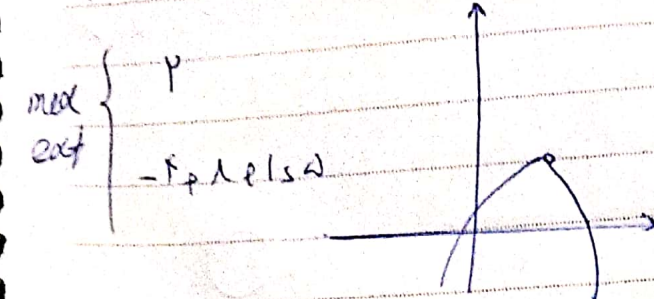
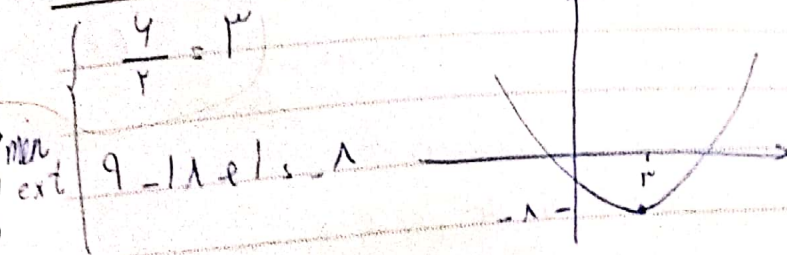
$$\text{min ext} \begin{cases} \frac{r}{s} \\ r - k | s - 1 \end{cases}$$



$$\text{max ext} \begin{cases} \frac{-r}{-r} = \frac{r}{r} \\ \frac{9 - rx - rx - d}{-r} \leq \frac{r}{r} \end{cases}$$



Arman



معادله درجه ۲ است پس ۲ جواب دارد

$$\alpha \beta r_s + \frac{c}{a} s - \frac{r}{f} s - \frac{1}{r}$$

$$-\alpha \beta r_s - (-r) r_s - \frac{1}{r} r = r_s - \frac{1}{r}$$

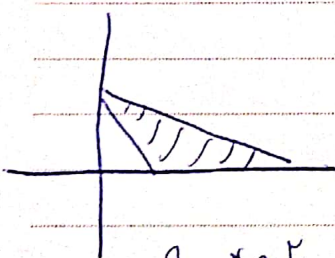
$$f \times \left(-\frac{1}{f}\right)^r + k \left(\frac{1}{f}\right)^r - 9 \left(-\frac{1}{f}\right) - r \Rightarrow k s - r$$

مقدار  $\Delta$

$$\frac{\sqrt{\Delta}}{|a|} = \frac{\sqrt{9m^2 - 4\alpha \lambda m}}{1\lambda} = \frac{\sqrt{9m^2 - 4m}}{1\lambda}$$

$$\sqrt{9m^2 - 4m} \leq 1 \rightarrow \alpha = \frac{r \sqrt{9m^2 - 4m}}{1\lambda}$$

$$\frac{c}{a} = -\frac{m}{r} \rightarrow \frac{-(r \sqrt{9m^2 - 4m})}{9} = \frac{\sqrt{9m^2 - 4m}}{-9}$$



$$r \alpha^r - (m+r) \alpha + m = 0$$

$$\frac{m \left(\frac{m}{r} - 1\right)}{r} \leq \frac{r}{r} \quad m \leq \frac{1}{r}$$

$$\frac{9 - 4\alpha^r}{4\alpha} \leq \frac{v}{4r} \Rightarrow 9 - 4\alpha^r \leq \frac{v\alpha}{r}$$

$$1\lambda - 1\lambda \alpha^r + v\alpha \leq 0 \Rightarrow \boxed{\alpha \leq 1}$$

$$1\lambda \alpha^r - v\alpha - 1\lambda = 0$$

$$\alpha^r - v\alpha - 1\lambda = 0 \quad (\alpha - 14)(\alpha + 15) = 0$$

$$\alpha = -\frac{v}{\lambda}$$

$$\alpha = \frac{14}{\lambda} = r \rightarrow \text{جواب}$$

$P_s(n)(n+r) = a \Rightarrow$

$\hookrightarrow n^r - (a+1)n + a = 0$   
 $\rightarrow a = \dots \Rightarrow$

(10) (11)

$S_s r n + r = a + 1 \quad r n + r = r \quad r n = r n + 1$

$r - r a - r + b = 0 \quad -a + b = 0 \quad b = a$

$a - r = a$

$-a n^r + a n + r \rightarrow S(\frac{1}{r}, \frac{a n^r + r a}{r a})$

$r b n^r - b n - 1 \rightarrow S(\frac{1}{r}, \frac{b n^r + r b}{-r b})$

$r b (\frac{1}{r}) - b (\frac{1}{r}) - 1 = \frac{a}{r} e r \rightarrow \frac{a}{r} s - r \quad a s - r$

$-\frac{a}{r} + \frac{a}{r} + r s - \frac{b}{r} - 1 = +\frac{r}{r} s - \frac{b}{r} \quad r s - r$

$b - a s - r + r s = 0$

$\alpha \beta = \frac{\beta}{r \alpha} = \alpha^r s \frac{1}{r \alpha} s \alpha s r \frac{1}{\alpha}$

$n = \alpha \rightarrow r \alpha \alpha \frac{1}{r \alpha} + r \alpha + \beta = 0$

$\omega \alpha + \beta = 0 \quad \beta > \alpha \quad \alpha = -\frac{\beta}{\omega} \quad \beta < 1$

$y = -\omega n^r + \epsilon \alpha + 1 \quad \left\{ \begin{array}{l} \omega s = \frac{r}{\omega} \\ y s = \frac{r}{\omega} \end{array} \right. \rightarrow$

$s = a^r e b^r - r = a + b$

$\beta = a + b - 1 = a b$

$a^r e b^r, (a+b)^r - r a b$   
 $\frac{a^r}{y^r} \quad \frac{(a+b)^r}{y}$

$y^r - r y + r - r = 0$

$y^r - r y - 1 = 0$

$(y+r)(y-r)$   
 $-r$

Arman