

هلا توالها ١

Subject:
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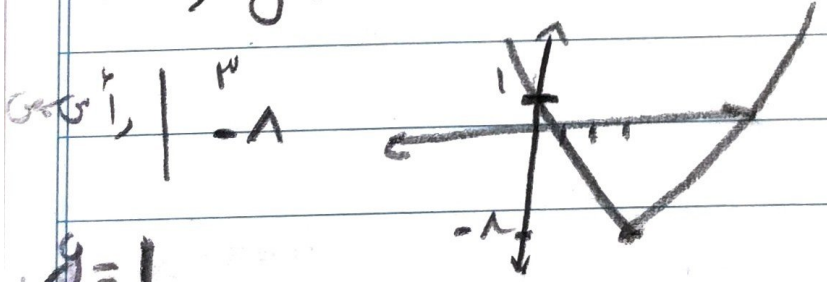
الف) $g = 2x^2 - 4x + 1$

ext $\left\{ \begin{array}{l} \frac{-b}{2a} = \frac{4}{4} = 1 \quad a > 0 \\ -1 \end{array} \right. \quad \text{min}$

ب) $g = -2x^2 + 4x - 1$

ext $\left\{ \begin{array}{l} \frac{-b}{2a} = \frac{-4}{-4} = 1 \quad a < 0 \\ -1 \end{array} \right. \quad \text{max}$

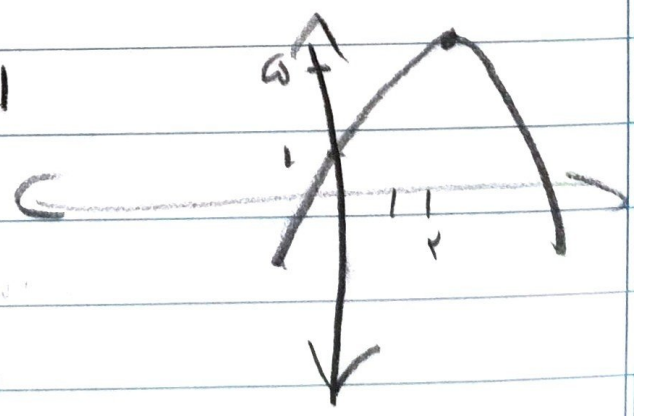
ال) $g = x^2 - 4x + 1$



$g = 1$
عرفت

ب) $g = -x^2 + 4x + 1$

$g = 1$
عرفت



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$$\alpha + \beta = 1 \quad \alpha \beta = -r = \alpha(1-\alpha) \Rightarrow$$

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

$$r\alpha^2 + k\alpha - q\alpha - r = 0 \quad \alpha = r$$

$$r^2 + kr - q - r = 0 \rightarrow k = -r$$

$$r\alpha^2 + k\alpha^2 - q\alpha - r = 0 \quad \alpha = 1 \quad k = -r$$

$$|\sqrt{m_1} - \sqrt{m_2}| = 1$$

$$(\sqrt{m_1} - \sqrt{m_2})^2 = 1$$

$$\frac{m_1 + m_2}{\sqrt{m_1 m_2}} - r \sqrt{\frac{m_1 m_2}{m_1 m_2}} = 1 \Rightarrow \sqrt{m_1 m_2} - r \sqrt{m_1 m_2} = 1$$
$$r\sqrt{m_1 m_2} - r\sqrt{m_1 m_2} - 1 = 0$$

$$t = \frac{r \pm \sqrt{r^2}}{r} \Rightarrow t = 1 \quad \underline{t} \quad \underline{t} = -\frac{1}{r}$$

$$\sqrt{m} > 0 \Rightarrow t = 1, \sqrt{m} = 1, m = 1$$

$$-r = \frac{-m}{r} = \boxed{\frac{-1}{r}}$$

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$$\frac{1}{r} \times \frac{|x_2 - x_1|}{|a|} \times |m| = \frac{r}{\epsilon} \quad - a$$

$$|x_2 - x_1| = \frac{\sqrt{\Delta}}{|a|} = \frac{(m+r)^2 - 1m}{r} = \frac{m-r}{r}$$

$$\frac{1}{r} \times \frac{m-r}{r} \times m = \frac{r}{\epsilon}$$

$$\frac{m(m-r)}{\epsilon} = \frac{r}{\epsilon} \Rightarrow m(m-r) = r$$

$$m = r \quad \underline{m = -1}$$

$$\frac{m}{r} = \frac{r}{r} = 1 \quad \underline{-1}$$

aco min

$$\frac{-b}{ra} = \frac{-r}{ra} \Rightarrow y = a \left(\frac{a}{\epsilon a} \right) + r \left(\frac{-r}{ra} \right) + a$$

$$y = \frac{a}{\epsilon a} - \frac{a}{ra} + a \Rightarrow \frac{-a}{\epsilon a} + a$$

$$a - \frac{a}{\epsilon a} = \frac{r}{a} \rightarrow \Lambda a^2 - Va - \Lambda = 0$$

$$a = \frac{V \pm \sqrt{\epsilon a + 4\Lambda}}{2\Lambda} = \frac{V \pm r a}{2\Lambda} \Rightarrow$$

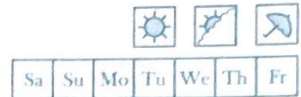
$$\boxed{a_1 = r}, \quad a_2 = \frac{-a}{\Lambda} \rightarrow \text{OUE}$$

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$$n^r - (a+1)n + a \rightarrow S = a+1 \quad -\checkmark$$

$$n, n+r \rightarrow rn+r = a+1$$

$$a = rn+1$$

$$\frac{c}{a} = r, \quad n(n+r) = n^2 + rn = a$$

$$n^2 + rn = a \rightarrow n^2 + rn = rn+1 \rightarrow n^2 = 1 \rightarrow n = 1$$

این کارها درست نیست

$$r_m, r_{m+r} \quad \frac{-b}{a} = 1$$

$$r_{m+r} = 1$$

$$m = r$$

معمولاً

شماره ۱ و ۲

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

$$r \cdot r - r = r$$

$$r - r \cdot r = -r$$

-Λ

$$\sigma_{r,1} = \frac{-b}{ra} = \frac{-a}{-ra} = \frac{1}{r}$$

$$g = \frac{a}{r} + r$$

$$\frac{a}{r} + r = \cancel{\frac{1}{r}} - \cancel{\frac{1}{r}} - 1 \rightarrow a = -r$$

$$\sigma'_{1,1} = \frac{-b}{ra} = \frac{1}{r} \quad g = \frac{-b}{a} - 1$$

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

$$b = -r \rightarrow b_{\text{برابر}} = -r(-1) = \boxed{-r}$$

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$$\alpha + \beta = \frac{-f}{r\alpha\beta} \quad -9$$

$$\alpha\beta = \frac{b}{r\alpha} \Rightarrow r\alpha\alpha\beta = b \Rightarrow \beta \neq 0 \neq$$

$$r\alpha\alpha^2 = 1 \Rightarrow \alpha = \pm \frac{1}{\alpha}$$

$$\alpha + \beta = \frac{-f}{r\alpha \times \frac{1}{\alpha}} = \frac{-f}{r} \Rightarrow \beta = -1$$

$$\beta > \alpha \rightarrow -1 > \frac{1}{\alpha}$$

$$\alpha + \beta = \frac{-f}{-r\alpha \times \frac{1}{\alpha}} = \frac{f}{r} \Rightarrow \beta = -1$$

$$1) \frac{-1}{\alpha}$$

$$\text{الحل } \left\{ \begin{array}{l} x > 0 \leftarrow \frac{-b}{r\alpha} = \frac{-f}{r(-\alpha)} = \frac{f}{r\alpha} \\ y = -\alpha \left(\frac{f}{r\alpha}\right)^2 + \frac{f}{r\alpha} + 1 = \frac{b}{\alpha} \\ y > 0 \end{array} \right.$$

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$$a+b = a^r + b^r - 1^r \quad -10$$

$$a^r + b^r - a - b - 1^r = 0$$

$$ab = a + b + 1$$

$$ab - a - b + 1 = 0 \Rightarrow (a-1)(b-1) = 0$$

$$a = 1 \quad \vee \quad b = 1$$

$$\text{اگر } a=1 \Rightarrow \text{معادله} \Rightarrow 1+b = 1^r + b^r - 1^r$$

$$b = b^r - 1^r \Rightarrow (b-1)(b+1^r) = 0$$

$$\text{اگر } b=1 \Rightarrow a = 1$$

$$b = 1 \Rightarrow$$

$$a+b = 2$$

در حالت