

ملائق للبا (١)

الف) $q = 3x - y \rightarrow 1x - 4x - 2y$
 $- \varepsilon = x + 2y$

$$\frac{x}{y} = -\frac{2}{1}$$

$$\frac{-\varepsilon = x + 2y}{1\varepsilon = 3x} \quad \begin{matrix} x = 2 \\ y = -1 \end{matrix}$$

ب) $-a(-1) = \frac{1}{x} - \frac{1}{y} = a = -\frac{a}{x} + \frac{a}{y}$
 $-2 = \frac{a}{x} - \frac{a}{y}$

$$\frac{x}{y} = \frac{-1}{-1} = \boxed{\frac{1}{1}}$$

Rali

$$2 = \frac{2}{y} \Rightarrow y = 1$$
$$x = \frac{-1}{1}$$

$$a+1 = -2 \rightarrow a = -3$$

-2

$$f(x) + 2f(x) = 3f(x)$$

$$-3 + 2b = -3 \rightarrow b = 0$$

$$m^2 - 3m = -2 \rightarrow m^2 - 3m + 2 = 0$$

$$(m-1)(m-2) = 0$$

$$m = 1, 2$$

$$m = 2 \rightarrow (3, 2), (3, 9)$$

$$m = 1 \rightarrow (2, 2), (2, 9)$$

بازای مجموع مقدار

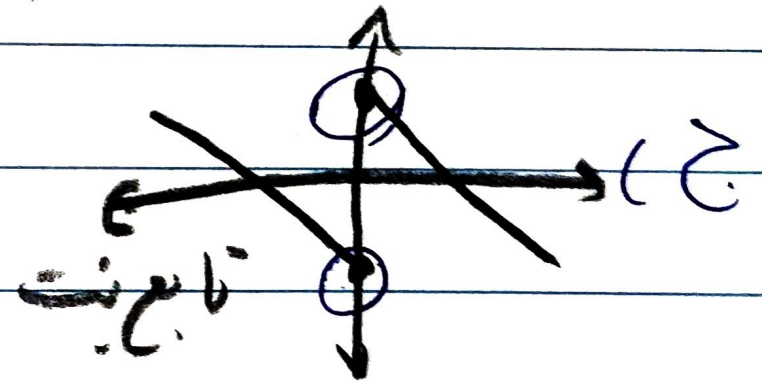
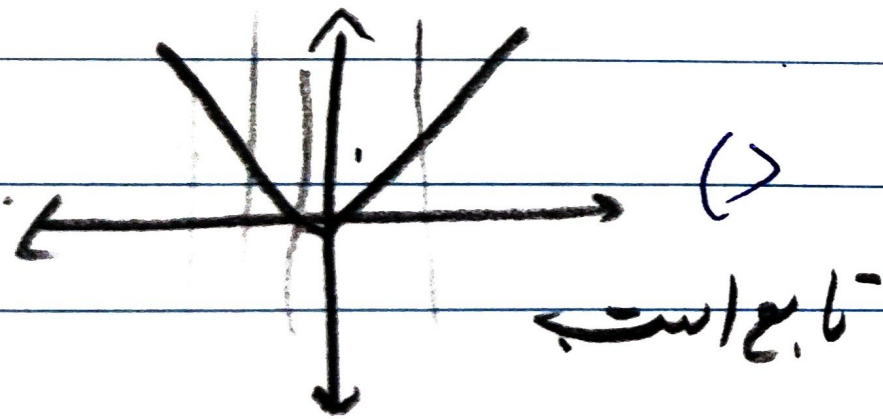
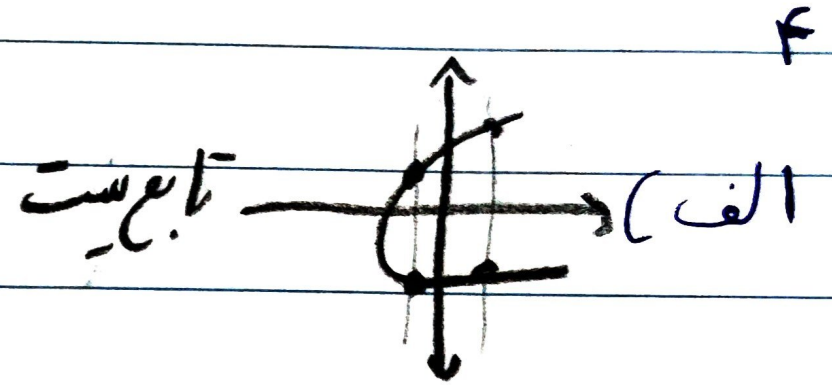
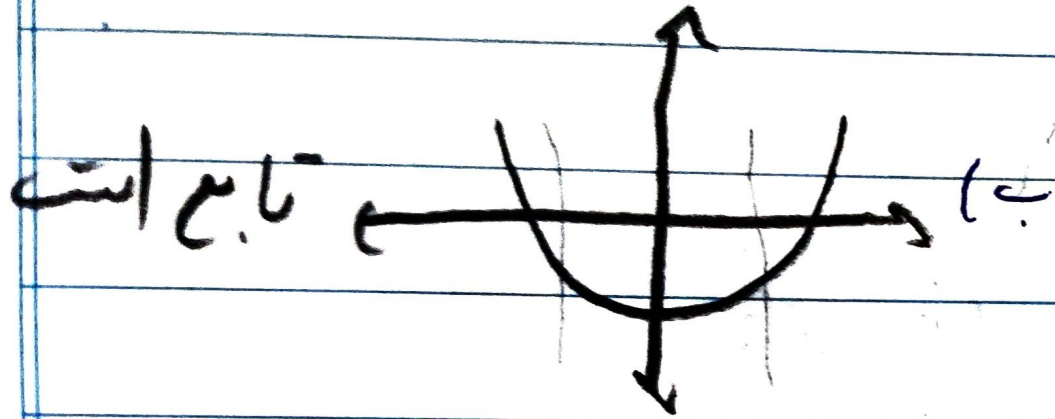
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Month.

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الف) $y = -\sqrt{x+1}$ - 5

تعریف ریاضی $\rightarrow y_1 = -\sqrt{x_1+1}$ $x_1 = x_2$
 $y_2 = -\sqrt{x_2+1} \Rightarrow y_1 = y_2$
 تابع است

$x_1 = \frac{y_1^2}{1-y_1^2}$ $x_2 = \frac{y_2^2}{1-y_2^2}$ $x_1 = x_2$

$\frac{y_1^2}{1-y_1^2} = \frac{y_2^2}{1-y_2^2}$ مخرج + مخرج

$y_1^2 - y_1^2 y_2^2 = y_2^2 - y_1^2 y_2^2$ $y_1^2 = y_2^2$
 $y_1 = \pm y_2$ تابع نیست

الف $|y| = x \xrightarrow{\text{تالانتس}} |y|=1 \rightarrow y = \pm 1$ - 6
 تابع نیست

تعریف ریاضی) $\rightarrow x_1 = x_2 \Rightarrow 3y_1^2 + 3y_2^2 + 3y_1 + 1 =$

$\Rightarrow \sqrt{(y_1+1)^3} = \sqrt{(y_2+1)^3}$ $3y_2^2 + 3y_2^2 + 3y_2 + 1$

$y_1 + 1 = y_2 + 1 \Rightarrow y_1 = y_2$ تابع است
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Subject:

Year

Month

Date



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$$\frac{(\sqrt{r-r})^r + e(\sqrt{r-r}) + d}{(\sqrt{r-r})^r + e(\sqrt{r-r}) + v} = \quad - \checkmark$$

$$\frac{r + r - \cancel{e\sqrt{r}} + \cancel{e\sqrt{r}} - 1 + d}{r + r - \cancel{e\sqrt{r}} + \cancel{e\sqrt{r}} - 1 + v} = \frac{e}{1} = \frac{r}{r}$$

$$y = rx - a \rightarrow -e = r(-1) + a \quad - \Delta$$

$$a = +1$$

$$f(-1) = (-1)^r + (-1)(1) + b = -e$$

$$b = -r$$

$$x^r + x - r = rx - 1 \rightarrow x^r - rx - 1 = 0$$

$$(x+1)(x^r - x - 1) = 0$$

$$\boxed{\frac{-b}{a} = 1}$$

Subject:

Year:

Month:

Date:



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$$a + b = \gamma a \Rightarrow a = b \quad - 1$$

$$\gamma a = a - \gamma b + 1 \Rightarrow \gamma a = a - \gamma(a) + 1$$

$$\gamma a = 1 \Rightarrow a = \frac{1}{\gamma} = b$$

$$f(0) = \frac{c+1}{\gamma} = 0 \Rightarrow c = -1 \quad - 10$$

$$f(1) = \frac{c - a}{b + \gamma} = 1 \Rightarrow c - a = b + \gamma$$
$$a + b = 1$$

$$\frac{a}{1} + \frac{b}{-1} + c = 10$$