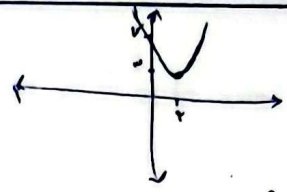


۱۸، ۲۵

نام و نام خانوادگی: زهرا سادات حسینی

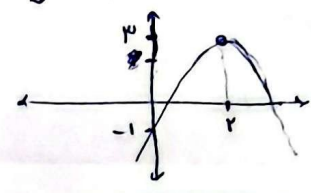
باسفناام تشریحی تالیف شماره ۱۲... کلاس: یازده ریاضیه

الف) $-\frac{b}{2a} = x_s = 2$, $y_s = 4 - 1 + 1 = 4$



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ب) $-\frac{b}{2a} = x_s = 2$, $x = 2 + y_s = -4 + 1 - 1 = -4$



الف) $\Delta y_0 \rightarrow (m+1)^2 - 1(\frac{1}{2}m+2) y_0 \rightarrow m^2 - 2m - 1 \Delta y_0 \rightarrow (m-3)(m+1) y_0 \rightarrow \frac{-3}{1} + \frac{1}{-1} = -4$

$m < -3$, $m > 1$

ب) $\Delta = 0 \rightarrow m^2 - 2m - 1 = 0 \rightarrow (m-3)(m+1) = 0 \rightarrow m = \{-3, 1\}$

ج) $\Delta y_0 \rightarrow (m+1)^2 - 1(\frac{1}{2}m+2) y_0 \rightarrow m^2 - 2m - 1 \Delta y_0 \rightarrow \frac{-2}{1} + \frac{1}{-1} = -3$

د) $\Delta y_0 \rightarrow (m+1)^2 - 1(\frac{1}{2}m+2) y_0 \rightarrow m^2 - 2m - 1 \Delta y_0 \rightarrow \frac{-2}{1} + \frac{1}{-1} = -3$

الف) $\Delta y_0 \rightarrow 8(m+1)^2 - 8(m-2) y_0 \rightarrow 8m^2 - 32m - 16 y_0 \rightarrow \Delta m y_0 \rightarrow \frac{m \in \mathbb{R}}{+}$

$P y_0 \rightarrow \frac{10}{m-2} y_0 \rightarrow \frac{2}{-1} + \frac{1}{-1} = -3$

$S y_0 \rightarrow \frac{r(m+1)}{m-2} y_0 \rightarrow \frac{-1}{1} + \frac{2}{-1} = -3$

بدانای هیچ مقدار m

ب) $\Delta y_0 \rightarrow \frac{m \in \mathbb{R}}{+}$
 $P y_0 \rightarrow \frac{r}{m-2} y_0 \rightarrow \frac{-1}{1} + \frac{2}{-1} = -3$
 $S y_0 \rightarrow \frac{r(m+1)}{m-2} y_0 \rightarrow \frac{-1}{1} + \frac{2}{-1} = -3$

الف) $\Delta y_0 \rightarrow 8(m+1)^2 - 8(m-2) y_0 \rightarrow \frac{m \in \mathbb{R}}{+}$

$P y_0 \rightarrow \frac{10}{m-2} y_0 \rightarrow \frac{2}{-1} + \frac{1}{-1} = -3$

ب) $m_s = -2 \rightarrow -\frac{b}{2a} = -2 = \frac{x(m+1)}{x(m-2)} \rightarrow -2m + 8 = m + 1 \rightarrow m = 1$

$\Delta y_0 \rightarrow (r \sin \alpha)^2 - 1(\frac{r}{2}(\frac{r}{r})) y_0 \rightarrow 2 \sin^2 \alpha y_0 \rightarrow \sin^2 \alpha y_0 \rightarrow \sin^2 \alpha = 1$

$\sin \alpha = \pm 1 \rightarrow \frac{r}{2} x^2 - 2x + \frac{r}{2} = 0 \rightarrow x = \frac{2 \pm \sqrt{4-4}}{\frac{r}{2}} = \frac{4}{r}$

موردی (مربع)

$$q_5 = \frac{-1}{\Sigma a} = ? \quad \frac{-1}{-(1^2+1)(-m+1)(1m-\omega)(a+1)} = -1^2+1^2a+\omega$$

$$y_5 = \frac{-(1^2-1(-1)(\omega))}{-1^2} = \frac{1^2+1}{1^2}$$

1, 1, 1

4

$$r(\alpha+\beta) = \omega\alpha\beta + 1 \rightarrow r\left(\frac{m+r}{m}\right) = \frac{-1}{m} + 1 \rightarrow \frac{r(m+r)}{m} = \frac{-1+m}{m} \rightarrow 1^2 = \Sigma m$$

r = m

$$S = \alpha + \beta = \frac{m+r}{m} \rightarrow \alpha + \beta = 1 + \frac{r}{m} = 1$$

$$p = \alpha\beta = \frac{-r}{m} \rightarrow \alpha\beta = -\frac{r}{m} \rightarrow S^2 - 1^2p = \alpha^2 + \beta^2 \Rightarrow \frac{1}{\Sigma} + 1 = \frac{1^2}{\Sigma}$$

5

7

$$\beta^r = \omega\beta - 1$$

$$\beta^r = \beta \times \beta^r = \beta(\omega\beta - 1) = \omega\beta^2 - \beta = \omega(\omega\beta - 1) - \beta = 1^2\beta - 1$$

$$\beta^r = \beta \times \beta^r = \beta(1^2\beta - 1) = 1^2\beta^2 - \beta = 1^2(\omega\beta - 1) - \beta = 1\omega\beta - 1^2$$

$$\beta^{\omega} = \beta \times \beta^r = \beta(1\omega\beta - 1^2) = 1\omega\beta^2 - 1^2\beta = 1\omega(\omega\beta - 1) - 1^2\beta = 1\omega^2\beta - 1^2\beta = 1^2\omega\beta - 1^2$$

1

$$\frac{\Sigma\alpha + \beta^{\omega}}{\omega\beta^r} = \frac{\Sigma(\omega - \beta) + 1^2\omega\beta - 1^2}{\omega\beta^r} = \frac{\Sigma\omega\beta - 1^2}{\omega\beta^r} = \frac{1\omega\beta - 1^2}{\omega\beta - 1} = 1^2$$

5

$$y_r = \begin{pmatrix} -1 \\ 1 \end{pmatrix} \rightarrow r = 4a - 1^2b + r \rightarrow 1^2a - b = 0$$

$$y_r = 1^2a + 1^2b \rightarrow a = 1 \rightarrow y = 1^2$$

$$y_r = \begin{pmatrix} 1 \\ 1 \end{pmatrix} \rightarrow 1^2 = \Sigma a + 1^2b + r \rightarrow \Sigma a + \Sigma b = 1$$

$$\begin{cases} 1^2a + 1^2b = 1 \\ 1^2a - 1^2b = 0 \end{cases} \rightarrow a = 1, b = 1^2$$

1, 1, 1

4

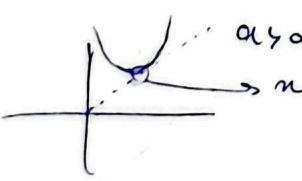
$$\begin{cases} 1^2a - b = 0 \\ \Sigma a + \Sigma b = 1 \end{cases} \rightarrow \begin{cases} 1^2a - \Sigma b = 0 \\ \Sigma a + \Sigma b = 1 \end{cases}$$

$$\frac{1^2a - \Sigma b = 0}{1^2a = 1} \rightarrow a = \frac{1}{1^2} = \frac{1}{1^2}, b = \frac{1}{1^2} \rightarrow \frac{1}{1^2}a - \frac{1}{1^2}b = 0$$

$$y = \omega \rightarrow 1^2a^2 + (m+1)a + m + 1 = \omega \rightarrow 1^2a^2 + m\omega + m + 1 = 0$$

$$\omega_{\omega} = 1 = 0 \Rightarrow m^2 - 1(m+1) = 0 \rightarrow m^2 - m - 1 = 0 \rightarrow (m-1^2)(m+1) = 0 \rightarrow m = \{-1^2, 1^2\}$$

1



$$m+1 < 0 \rightarrow m < -1$$

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