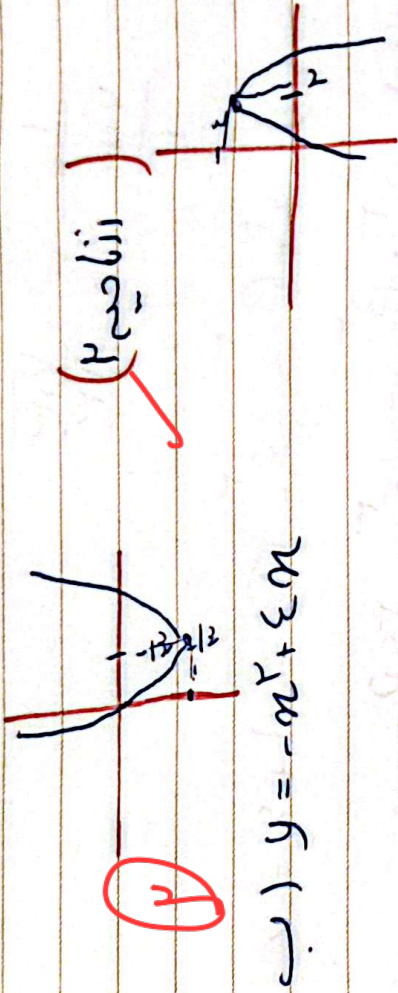


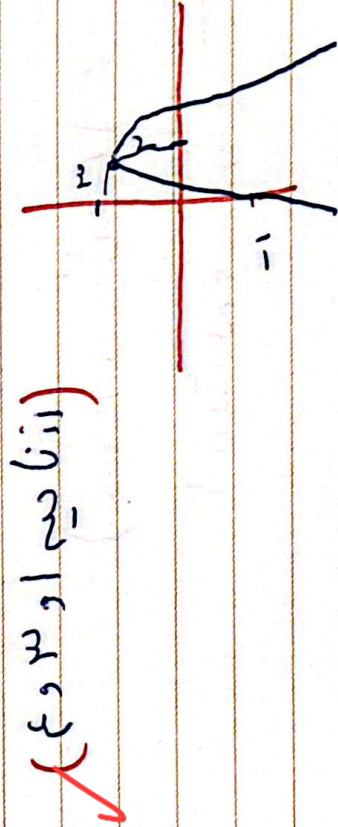
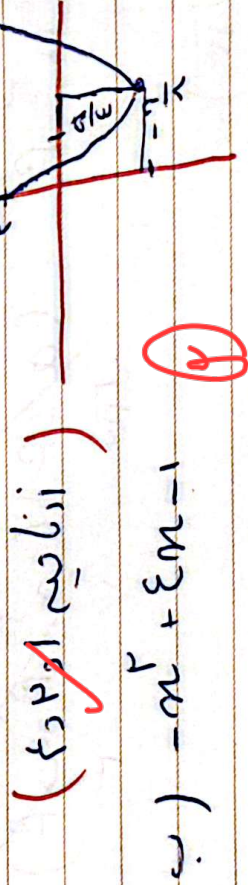


1A دھم B طاہا صغری

الف) $y = 3x^2 - 2x$ (انصیب 3) ✓ -1



الذ) $2x^2 - 4x + 2$ -2





- 3

$$\text{الف) } \frac{\alpha + \beta}{\alpha - \beta} = \frac{S}{\frac{\sqrt{\Delta}}{|\alpha|}}$$

$$\frac{1}{\frac{\sqrt{13}}{1}} = \frac{\sqrt{13}}{1}$$

Ⓚ

$$\text{ب) } \alpha^r + \beta^r = S^r - rP = 1 + 4 = 5$$

$$2) \alpha^r + \beta^r = S^r - rSP$$

$$1 + 4 = 10$$

$$\text{ج) } \alpha^r - \beta^r = (\alpha - \beta) \left(\alpha^{r-1} + \alpha^{r-2}\beta + \dots + \beta^{r-1} \right) = \frac{V - W}{\sqrt{13}}$$

$$(4\sqrt{13})$$

- 4

$$y = (n - r)(m^r - am + a)$$

↳ (n = r دونه)

Ⓚ

$$\sqrt{1} - (n - r)(m - r) = m^r - \epsilon m + \epsilon = m^r - a n + a$$

$$\sqrt{2} - \Delta < 0 \rightarrow \alpha^r - \epsilon a < 0$$

$$a(\alpha - \epsilon) < 0$$

$$0 < \alpha < \epsilon$$

$$0 < \alpha < \epsilon$$



5

$$r\alpha^r + \beta^r - \epsilon a = V$$

$$a^r + a^r + \beta^r - \epsilon a - V = 0$$

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

$$\textcircled{a} = r\alpha^r - 1r\alpha \xrightarrow{\times \frac{r}{w}} \frac{r\alpha}{w} = r\alpha^r - 1r\alpha$$

$$wr\alpha^r - 1r\alpha + 9 \rightarrow 0$$

$$(r\alpha - 9)(\alpha - 1) \rightarrow \alpha = 1$$

$$\alpha = r$$

$$i \text{ if } \alpha = 1 \rightarrow r\alpha^r - 1r\alpha - a \rightarrow -9 - 9 = 0 \textcircled{a} = -9$$

$$i \text{ if } \alpha = r \rightarrow r\alpha^r - 1r\alpha - a \rightarrow -9 - 9 = 0 \textcircled{a} = -9$$

(. مرتب کنی کنه) ✓

$$a = 1 \quad \vee \quad a = r$$

$$r\alpha^r - 1r\alpha + 9 \rightarrow \beta = r \quad \beta = 1$$

$$\frac{\textcircled{a}}{w} = \frac{-9}{w} = \textcircled{-r}$$

(r)



$$\frac{ra + w + v - ra}{r} = a \rightarrow b \quad -b$$

$\rightarrow m_s$

$$(Ext) \begin{matrix} b \\ b-r \end{matrix} \rightarrow \begin{matrix} a \\ w \end{matrix}$$

$$v - ra > 0 \Rightarrow a < r \rightarrow \leftarrow \text{دولفہ طبعی}$$

$$a - r > 0 \Rightarrow a > r \rightarrow \alpha = r$$

$$A \rightarrow (9, 9, 1) \quad B \rightarrow (1, 9, 1)$$

$$am^r + bmn + c \rightarrow \frac{-b}{ra} = \frac{a}{1}$$

$$-b = 100a$$

$$am^r - 100a(m) + c$$

$$\text{if } n=1 \rightarrow -9a + c = 1 \quad (r=9a+1)$$

$$am^r - 100a(m) + 9a+1$$

$$\text{if } n \rightarrow a \quad -100a = r \quad a = -\frac{1}{r}$$

$$-\frac{1}{r} (m^r) + \frac{100}{r} (m) = \frac{1}{r}$$

\textcircled{C}

دولفہ طبعی کی صورت میں



①

$$\epsilon_0 \beta^r + r_0 \alpha^r - r_0 \beta = 1V \div r_0 \rightarrow -7$$

$$r \beta^r + \alpha^r - \beta = \frac{1V}{r_0}$$

$$\beta^r + \beta + \alpha^r$$

$$a n^r - a n - b \rightarrow$$

$$1 + \frac{r b}{\alpha} \quad a \beta^r - a \beta - b = 0$$

$$1 + \sqrt{r} \beta^r \beta \leftarrow \beta^r - \beta = \frac{b}{\alpha}$$

$$r \beta^r - r \beta + \frac{r b}{r_0} \xrightarrow{\div r} \beta^r - \beta + \frac{1}{r_0} = 0$$

$$\beta^r \rightarrow \beta = -\frac{1}{r_0}$$

$$\frac{b}{\alpha} = \frac{1}{r_0} \quad r_0 b = \alpha$$

$$a n^r - a n - \frac{a}{r_0} \rightarrow \frac{\sqrt{\Delta}}{|a|} =$$

$$\frac{\sqrt{\alpha^r + \frac{a}{r_0}}}{a} \quad a \frac{\sqrt{\frac{r}{r_0}}}{\sqrt{0}}$$

$$\alpha x^r - \alpha x - b = 0$$

$$S = \alpha + \beta = 1 \rightarrow \alpha = 1 - \beta$$

$$0 \beta^r - 0 \beta - b = 0$$

$$r \beta^r + r_0 \alpha^r - r \beta = 1V \rightarrow r \beta^r + r_0 (1 - \beta)^r - r \beta - 1V = 0 \rightarrow \beta = \frac{r_0 \pm \sqrt{r_0^2 - 4r_0 \cdot 1.0 \pm \sqrt{r_0}}}{r_0} = \frac{1.0 \pm \sqrt{r_0}}{r_0}$$

$$\text{مقدار} = \frac{r}{\sqrt{0}}$$

$$\alpha - \beta = 1 - \beta - \beta = 1 - 2\beta \rightarrow 1 - 2\left(\frac{1.0 \pm \sqrt{r_0}}{r_0}\right) = \pm \frac{r}{\sqrt{0}}$$



PACKMAN
Industrial Group

Date: / /

Subject

المتردد $\rightarrow 1 + \frac{(-\Delta)}{r} = -r \rightarrow n$.8
 $-\frac{1}{r} \rightarrow y$

$$c = \frac{w}{r}$$

$$an^r + bn + \frac{w}{r}$$

$$-\frac{b}{rs} = -r \quad b = \epsilon a$$

$$an^r + \epsilon a n + \frac{w}{r} \rightarrow \text{if } n = -r$$

$$\epsilon a - \Lambda a + \frac{w}{r} = -\frac{1}{r} \quad -\epsilon a = -r$$

$$a = \frac{1}{r} \quad \text{if } n = 1$$

$$\frac{1}{r} n^r + r n + \frac{w}{r} \rightarrow y = \beta = \epsilon$$

(y)



$$m^r + 4m + a = 0 \rightarrow s = -\gamma \quad \text{--- } 9$$

$$\rightarrow p = a$$

$$\alpha^r + \gamma(\underbrace{\alpha^r + \beta^r}_{S^r - rD}) = 1r\sqrt{r} + \Lambda \alpha$$

$$\gamma(\gamma\gamma - r\alpha) = 1r\sqrt{r} + \Lambda \alpha$$

$$(-r + \sqrt{9 - \alpha}) + \gamma(\gamma\gamma - r\alpha) = 1r\sqrt{r} + \Lambda \alpha$$

$$9 + 9 - \alpha + 4\sqrt{9 - \alpha} + \gamma\gamma - \alpha = 1r\sqrt{r} + \Lambda \alpha$$

~~$$1r\sqrt{r} + \Lambda \alpha = 1r\sqrt{r} + \Lambda \alpha$$~~

$$1r\sqrt{r} + \Lambda \alpha = 1r\sqrt{r} + \Lambda \alpha = 1$$

(\gamma)

$$\frac{1}{\sqrt{a}} + \frac{1}{\sqrt{b}} = \frac{\sqrt{a} + \sqrt{b}}{\sqrt{a}\sqrt{b}} = a \quad \text{---} \cdot 10 \quad \text{---} \textcircled{1}$$

$$(\sqrt{a} + \sqrt{b})^2 = \left(\frac{a}{\sqrt{a}}\right)^2 \rightarrow$$

$$a + b + 2\sqrt{ab} = \frac{a^2}{a} + \frac{b^2}{b} + \frac{2}{\sqrt{a}\sqrt{b}}$$

$$a + b = \frac{a^2}{a} + \frac{b^2}{b} = \frac{a^2 + b^2}{a+b}$$

$$m = a$$

$$m\sqrt{a} + r\sqrt{m} + r \rightarrow P = \frac{r}{a}$$

$$A = \sqrt{\frac{1}{a_i} + \sqrt{\frac{1}{a_i}}} = a \rightarrow A^2 = \frac{1}{a_i} + \frac{1}{a_i} + r\sqrt{\frac{1}{a_i a_i}} = \frac{a_i + a_i}{a_i a_i} + r\sqrt{\frac{1}{a_i a_i}} = \frac{2}{a_i} + r\sqrt{\frac{1}{a_i}} = r a$$

$$\rightarrow m + r + r(a) = r a \rightarrow m + r = r a \rightarrow m = r$$

$$\text{sup } P = \frac{a}{r} = \frac{r}{r} = 1 = -r$$