

$$A(-1, 9) \quad (1)$$

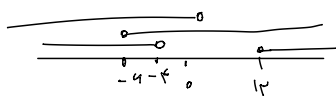
$$y_2 a(n-15)^r + y_3 \rightarrow 12a(n+1)^r + 9 \rightarrow 12a(\cancel{n+1})^r + 9 \rightarrow -12 = 14a \rightarrow a = -\frac{1}{7}$$

(P

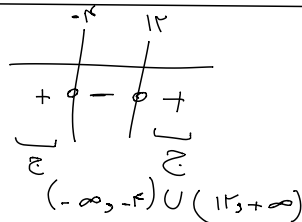
$$\Delta > 0 \rightarrow m^2 - \kappa(\gamma)(m_+ q) \rightarrow m^2 - \kappa m - \kappa \gamma > 0 \rightarrow (m_+ - \gamma)(m_+ \kappa) > 0$$

$$\frac{c}{a} > 0 \quad \frac{-b}{a} > 0 \rightarrow \frac{-m}{r} > 0 \rightarrow m < 0$$

$$\frac{m+4}{p} > 0 \rightarrow m > -4$$



$$(-4, -4)$$



Км

$$-\frac{b}{a} = \frac{q}{c} \rightarrow \frac{1 - \gamma_m}{\gamma} = \frac{\gamma}{\gamma - m}$$

$$\therefore (1 \times 1) + (4 \times 1) = 4 \times 1 + r + r + r + r - 2m + 2 - 9z = 0 \Rightarrow 4m - 2m - 12z = 0$$

$\left[\begin{array}{c} -\frac{C}{a} \sim \frac{V}{r} \end{array} \right]$ باغ

$$\mu_{21}^r - \mu_{21} + \mu_{20}$$

$$q - K(\mu)(\mu) < 0$$

$$\left(\begin{array}{c} \beta \\ \eta_r \end{array} \right) \left(\begin{array}{c} \alpha \\ \eta_i \end{array} \right) / (r)$$

$$B_7 \quad \frac{1}{\alpha} + \alpha + \frac{1}{\beta} \rightarrow \alpha + \left[\frac{\beta + \alpha}{\alpha \cdot \beta} \right] = \frac{1}{-\frac{1}{\alpha}} - \frac{1}{\frac{1}{\beta}}$$

$$\left(\beta^{\mu} + \frac{1}{\alpha}\right) \times \left(\alpha^{\mu} + \frac{1}{\beta}\right)$$

$$(\alpha\beta)^r + \beta^r \left(\frac{1}{\beta}\right)^r + \frac{1}{\alpha} \left(\alpha^r\right)^r + \frac{1}{\alpha\beta} \cdot \underbrace{(\alpha\beta)^r}_{(-)^r} + \underbrace{\beta^r + \alpha^r}_{s^r - p} + \frac{1}{\frac{1}{-\alpha}}$$

$$p = -4F + \frac{1}{9}(-F) - \frac{1}{F} = -\omega\omega - \frac{1}{F} = -\frac{221}{F}$$

$$x^T \cdot \frac{\partial}{\partial x} x = \frac{r^T}{r} \Rightarrow r^T - \omega x - r^T z = 0$$

$$\left(\sqrt[r]{x^r} + \frac{1}{\sqrt[r]{x^r}} + 1 \right) \left(\sqrt[r]{x^r} - 1 \right) = r \underbrace{\left(\sqrt[r]{x} \right)}_t$$

$$x_1 + 2x_2 = \frac{b}{a} \rightarrow \frac{b}{a} \text{ مع } \boxed{x_2}$$

$$(t^r + \frac{1}{t^r} + 1)(t^r - 1) = t^{2r}$$

$$\left(\frac{t^r + 1 + t^r}{t^r} \right) (t^r - 1) = \frac{t^r - 1}{t^r} = 1 \rightarrow t^r - 1 = 0$$

$$(x \frac{1}{r})^4 - 4(x \frac{1}{r})^3 - 120 \rightarrow x^4 - 4x^3 - 120$$

(9)

$$\alpha = \mu_B$$

$$\alpha \cdot \beta = \frac{C}{a} = \frac{K}{\mu} = \mu \beta^r \rightarrow r = q \beta^r \rightarrow \frac{K}{q} = \beta^r \rightarrow \beta = \frac{r}{r} \rightarrow \beta = \frac{r}{\mu} \rightarrow \alpha = r$$

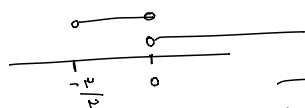
$$\alpha_T \beta_c = \frac{b}{a} \rightarrow \frac{n}{\mu} = \frac{a}{r} \rightarrow a \approx n$$

$$\hookrightarrow -\frac{1}{x}, \quad \frac{a}{x} \rightarrow a x^{-1}$$

$$|a_1 - a_2|^2 = |1 - (-1)|^2 = 4j^2$$

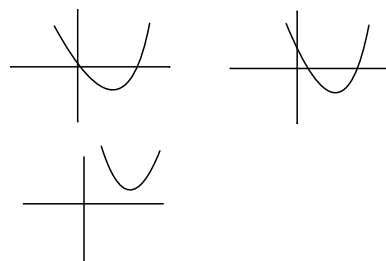
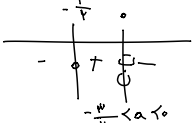
$(v$

$$(x, y) \cdot f(a) = 9 + 4x + 11y \geq 0 \rightarrow \Delta = 144 - 4(9) = 100$$



فہم مہمہ

$$\frac{-x - \sqrt{a}}{a} \rightarrow -\frac{x}{a} - \frac{\sqrt{a}}{a}$$



$$y = -x^2 - 2x + b \quad \text{وإذا } x = -\frac{b}{pa} = -\frac{2}{-1} = \frac{-a}{2} \rightarrow 2 = 2a \rightarrow a = 1$$

$$y = x^2 + ax - 2$$

$$x^2 + 2x - 2 = 1 \rightarrow x^2 + 2x - 3 = 0 \rightarrow 1 = x$$

$$\rightarrow -\frac{2}{1} = \frac{c}{a} = x$$

$$-x^2 - 2x + b = 1$$

$$-x^2 - 2x + b - 1 = 0$$

$$x = 1 \rightarrow -1 - 2 + b - 1 = 0 \rightarrow \boxed{b = 4}$$

$$x = -3 \rightarrow -9 + 4 + b - 1 = 0 \rightarrow \boxed{b = 6}$$

$$ab = 24 \rightarrow \boxed{24} \text{ الجواب}$$

$$2x^2 - ax + b = 0$$

$$\alpha, \beta$$

$$\Rightarrow -\frac{b}{a} = \frac{\alpha + \beta}{2} \Rightarrow \alpha + \beta = -\frac{1}{2}$$

$$P = \frac{c}{a} = \frac{b}{2} = \alpha \cdot \beta$$

$$2ax^2 + ax - 9 = 0$$

$$\alpha + \frac{1}{\beta} = \beta + \frac{1}{\alpha}$$

$$\Rightarrow \alpha + \beta + 1 = \frac{a}{\beta} + 1 \Rightarrow \frac{a}{\beta} = \alpha \Rightarrow \boxed{a = 1}$$

$$P = \alpha\beta = \frac{\alpha}{\beta} + \frac{\beta}{\alpha} + \frac{1}{\alpha} = \frac{-9}{10} = \frac{-9}{2} \Rightarrow \frac{-9}{2} = \frac{b}{2} - \frac{1}{\alpha} + \frac{1}{\alpha} = \frac{b}{2} \Rightarrow \boxed{b = 9}$$

$$\frac{\alpha + \beta}{2} = \left(-\frac{1}{2}\right) = -\frac{1}{2}$$

$$\left[\frac{ab}{c}\right] = \left[\frac{-9}{2}\right] = -9$$

$$x^2 + 9x + m = 0 \quad \begin{cases} \alpha \\ \beta \end{cases} \quad \alpha + \beta = -9 \rightarrow \alpha + \beta = -9$$

$$x^2 + 2x - 3m = 0 \quad \begin{cases} \alpha' \\ \beta' \end{cases} \quad \alpha' + \beta' = -2$$

$$\begin{array}{r} \alpha + \beta = -9 \\ \alpha' + \beta' = -2 \\ \hline \beta - \beta' = -7 \end{array}$$