

عرفان صقیب بازدهم سپهر A

$$\frac{-\Delta}{r_a} = V \Rightarrow \frac{-b^2 - 12}{-r} = V \Rightarrow -b^2 - 12 = -28 \quad -1$$

$$b^2 + 12 = 28 \Rightarrow b^2 = 16 \quad b \begin{cases} r \\ -r \end{cases}$$

$$\text{الف) } n^2 = t \Rightarrow t^2 + 2t + 3 \Rightarrow \frac{(t+1)^2}{\text{میان و مثبت}} \quad -2$$

$$\Rightarrow r - n^2 = t \Rightarrow t^2 - 2t - 1 \Rightarrow (t-1)(t+1)$$

$$t \begin{cases} a \Rightarrow r - n^2 = a & -n^2 = 1 \text{ فرق} \\ -3 \Rightarrow r - n^2 = -3 & -n^2 = -1 \end{cases} \quad n \begin{cases} +\sqrt{5} \\ -\sqrt{5} \end{cases}$$

$$\alpha = \beta + 2 \Rightarrow s = 2\beta + 2 = r \quad \beta = 1$$

$$p = \beta + 2\beta \Rightarrow p = 3$$

$$m = 12$$

$$n^2 - 5n + p \Rightarrow n^2 - 5n + \frac{m}{r} \Rightarrow n^2 - 5n + 12$$

$$\alpha = 1 \quad \beta = 3$$

$$s = r = \alpha + B \Rightarrow -B = a - r \quad \leftarrow a = r \quad B = 0 \quad /r$$

$$ra - B = r \Rightarrow ra + a - r = r \Rightarrow ra = 2 \quad a = r$$

$$r^n - 2m + m - 1 = 0 \Rightarrow m - 1 = 0 \Rightarrow m = 1$$

$$p = \frac{c}{a} = 1 \Rightarrow \frac{m^r - r}{1 - m^r} = 1 \Rightarrow m^r - r = -m \quad (a)$$

$$m^r + m - r = 0 \quad m \begin{cases} 1 \\ -r \end{cases}$$

$$p = r = \alpha B \Rightarrow \alpha = \frac{r}{B} \quad \leftarrow \alpha = \frac{q}{r}$$

$$\alpha B^r = r \Rightarrow \frac{r}{B} \times B \times B = r \Rightarrow rB = r \Rightarrow B = \frac{r}{r}$$

$$\alpha + B = \frac{q}{r} + \frac{r}{r} = \frac{rV + 1q}{1r} = \frac{r^2}{1r} = \frac{m}{1}$$

$$m = \frac{r^2}{1r}$$

$$\alpha = \mu B \Rightarrow \alpha + B = r \Rightarrow \mu B + B = r \Rightarrow B = 1$$

$$\alpha = \mu \Rightarrow \rho = \mu = \frac{m}{1} \Rightarrow m = \mu$$

$$\left(\alpha + \frac{r}{a}\right)^\mu - \mu a \left(\frac{r}{a}\right)$$

$$\left(\alpha + \frac{r}{a}\right)^\mu - \mu a \left(\frac{r}{a}\right) \left(\alpha + \frac{r}{a}\right) \Rightarrow \left(\alpha + \frac{r}{a}\right) - \mu \left(\frac{\alpha+r}{a}\right)$$

$$\frac{\alpha+r}{a} - \mu \left(\frac{\alpha+r}{a}\right) \Rightarrow \frac{V\alpha}{a} - \mu \left(\frac{V\alpha}{a}\right)$$

$$V - r = -\mu \omega$$

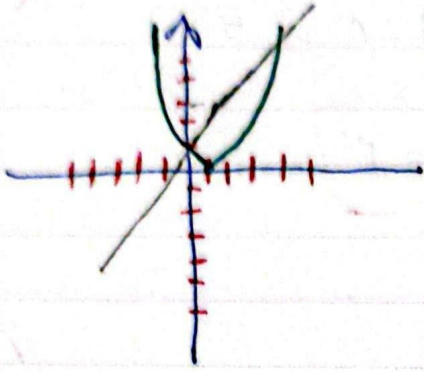
$$\max = \left| \frac{-b}{ra} = \frac{-\omega}{-r} = \frac{\omega}{r} \right.$$

ارتفاع تورب max  $\frac{\omega}{r}$

$$-1 + r \omega + \omega = 0 \Rightarrow -1 + (\omega - \omega) \rightarrow +$$

لحظ برقرار

(الف)

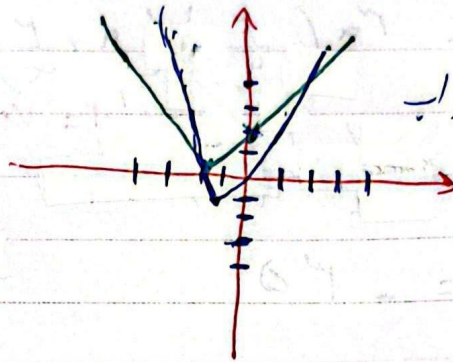


جواب ٢

$n < 2$

(١)

(ب)



جواب ٢  $n < 2$