

2

$$z = \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$$

21

$$y-1+a(n-(-1))^r = y+an^r + \underbrace{ran^{r+1}}_0 = a^r + n^r, 5^r - 1 \pmod{5}$$

$$-x' + 2x + 5 = 0 \Rightarrow x' - 2x = -5$$

$$n) \frac{\Gamma_m T - C_m - LEE}{F_m} \rightarrow \Gamma_m - T_m - C_m + LEE \quad -9$$

5) $\omega_m^2 - C_m C_y$ 5 n

$$\frac{-b}{2a} = \frac{12}{4} = 3$$

محور تقارن

$$\alpha\beta \neq a^2 \quad -2(a+1) = a+\beta \Rightarrow 2a-1 = \alpha\beta \neq a^2 \Rightarrow 2a-1 \neq a^2$$

$$\Rightarrow a^2 - 2a + 1 = 0 \Rightarrow (a-1)^2 = 0 \Rightarrow a=1 \Rightarrow n^2 + 2(a+1)n + 2a-1 = 0$$

$$\Rightarrow a^2 + 4n + 1 = 0 \quad \alpha\beta = 1 \quad a+\beta = -2 \quad a = -1 \pm \sqrt{5}$$

$$\text{دسټا، } \alpha = -1 + \sqrt{5} \quad \beta = -1 - \sqrt{5}$$

$$n^2 = t \Rightarrow t^2 - vt - 2 = 0 \Rightarrow t \neq n^2 \Rightarrow \frac{v \pm \sqrt{v^2 + 8}}{2} \Rightarrow n = \pm \sqrt{\frac{v + \sqrt{v^2 + 8}}{2}}$$

$$\Rightarrow 5 = 0 \quad p = \frac{-v + \sqrt{v^2 + 8}}{2} = 2p^2 - 2\sqrt{p^2 + 1} + 2 + v\sqrt{v^2 + 8}$$

$$\frac{-b}{\pm a} \Rightarrow k \neq a \quad b = 5 \Rightarrow \frac{-t}{\pm k} = \frac{1}{k} \Rightarrow k\left(\frac{1}{k}\right)^2 = \left(\frac{1}{k}\right)^2 - 5$$

$$\Rightarrow \frac{-1}{k} - 5 = \frac{1}{k} - 2$$

$$\Rightarrow k = 2 \quad \text{عرض} = -2 - 4 = -6$$

$$-mn^2 + m(n+1) = -m^2 - n \Rightarrow -mn^2 + m(n+1) + n + m + 1 = 0$$

$$\Rightarrow \Delta < 0 \Rightarrow m^2 + 2(n+1) + 4m^2 + 4m \Rightarrow 5m^2 + 2(n+1) + 4m \Rightarrow m^2 + 4m + 2 < 0$$

$$\Rightarrow (m+2)(m+1) < 0 \quad \frac{-2}{5} > -1 > -\frac{1}{5} \quad \frac{-1}{5} < -\frac{1}{5}$$

$$(-1, -\frac{1}{5}) \quad \text{جواب نه ده} \quad (-\frac{1}{5}, -1)$$