

دعم بنیستہ (ختر)

بنام پورنگ واره

نگارفتی

$$\alpha\beta = 1 \Rightarrow \alpha = \frac{1}{\beta} \quad \left(\frac{1 + \beta^2}{\beta} \right)^{\alpha\beta} = \frac{1 + \beta^2}{\beta} \Rightarrow (1 + \beta^2)^{\alpha\beta} = (1 + \beta^2)^{\frac{1}{\beta} \cdot \beta} = 1 + \beta^2$$

$$\beta^2 - \alpha\beta + 1 = 0 \rightarrow \beta^2 + 1 = \alpha\beta$$

$$\frac{1 + \beta^2 - 1}{\beta^2} = \frac{\beta^2}{\beta^2} = 1$$

$$\frac{19}{\beta^2} = 19$$

$$-\frac{b}{a} = 1 \Rightarrow -b = a \Rightarrow b = -a$$

$$\frac{\sqrt{\Delta}}{|a|} = \frac{4}{1} \Rightarrow \Delta = 16 \Rightarrow 4k^2 - 1 = 16 \Rightarrow 4k^2 = 17 \Rightarrow k^2 = \frac{17}{4}$$

$$k^2 = 9 \rightarrow \left[\frac{k^2}{1} \right] = \left[\frac{9}{1} \right] = 9$$

$$-\alpha + 1 = -1 \rightarrow -\alpha = -2 \rightarrow \alpha = 2$$

$$\alpha + \beta = 1 \rightarrow 2 + \beta = 1 \rightarrow \beta = -1$$

$$y = a(\alpha - x)(x - \beta) \rightarrow y = a(2 - x)(x + 1)$$

$$(-1, 1) \rightarrow 1 = a(-1 - 2)(1 + 1) = a(-3)(2) = -6a \Rightarrow a = -\frac{1}{6}$$

$$a(-\frac{1}{6}) = 1 \rightarrow a = -6$$

$$a = 2\alpha + 1m > 0 \rightarrow m > -2\alpha$$

$$-\frac{2\alpha}{1} < m < -\frac{1}{1} \rightarrow -2 < m < -1$$

$$\frac{-\Delta}{\Gamma a} = -\frac{(\Gamma f - \Gamma_0 m^2 + f)}{\Gamma m} = \Gamma \rightarrow \frac{\Gamma_0 m^2 - \Gamma m - \Gamma f}{\Gamma} = 0 \rightarrow \Delta m^2 - \Gamma m - \Gamma f = 0 \quad -6$$

$$m^2 - \Gamma m - \Gamma f = 0 \rightarrow \frac{\Gamma a}{(m - \Delta)} \cdot \frac{\Gamma}{(m + \Gamma)} = 0 \rightarrow \frac{\Gamma}{\Delta} \rightarrow \text{سعی می کنیم } \Delta$$

$$y = \Gamma x^2 - \Gamma x + \Gamma f \rightarrow -\frac{b}{2a} = \frac{\Gamma}{2\Gamma} = \frac{1}{2} \rightarrow \text{مختار}$$

$$\alpha \beta = a^2 \rightarrow \alpha \beta = \frac{1}{a} \rightarrow a^2 = \frac{1}{a} \rightarrow a^3 = 1 \quad -7$$

$$a^3 - 1 = 0 \rightarrow (a - 1)(a^2 + a + 1) = 0 \rightarrow a = 1 \quad \text{یا} \quad a^2 + a + 1 = 0 \rightarrow a = \frac{-1 \pm \sqrt{1 - 4}}{2} = \frac{-1 \pm \sqrt{-3}}{2}$$

$$a = -1 \pm \sqrt{3} \rightarrow \sqrt{3} - 2, \sqrt{3} + 2 \quad (a = 1)$$

$$x^2 = t \rightarrow t^2 - \Gamma t - \Delta = 0 \rightarrow t = \frac{\Gamma \pm \sqrt{\Gamma^2 + 4\Delta}}{2} \rightarrow t = \frac{\Gamma + \sqrt{\Gamma^2 + 4\Delta}}{2} \quad -8$$

$$x = \frac{\Gamma + \sqrt{\Gamma^2 + 4\Delta}}{2} \rightarrow S = 0 \quad \Gamma p^2 - \Gamma p + \Gamma f = 0 \rightarrow \Gamma p^2 - \Gamma p + \Gamma f = 0 \rightarrow p = \frac{\Gamma \pm \sqrt{\Gamma^2 - 4\Gamma f}}{2} = \frac{111 + 14\sqrt{99}}{2}$$

$$\frac{b}{\Gamma a} = \frac{f}{\Gamma k} = \frac{f}{k} \quad Kx(\frac{f}{k}) - f(x) - f = \frac{f - \Delta - f}{k} = \frac{f - f}{k} = 0 \quad -9$$

$$-fx - f \frac{x^2}{k} \rightarrow y = \frac{1}{k} - f \quad -\frac{1}{k} - f = \frac{f}{k} - f \rightarrow -\frac{1}{k} = \frac{f}{k} - f \rightarrow -1 = f - k \rightarrow k = f + 1$$

$$y = \Gamma a^2 - \Gamma x - f \rightarrow -\frac{b}{2a} = \frac{f}{2\Gamma} = \frac{f}{2} = 1 \rightarrow y = 1 - f - f = -1 \rightarrow y = -1$$

$$-mx^2 + mnx + 1 = -m - n \rightarrow -mx^2 + mnx + m + n + 1 = 0 \rightarrow mn^2 - (m+1)n - m - 1 = 0 \quad -10$$

$$\Delta < 0 \quad (m+1)^2 - 4m(-m-1) < 0 \quad m^2 + 2m + 1 + 4m^2 + 4m < 0 \rightarrow 5m^2 + 6m + 1 < 0$$

$$\frac{-1}{(m+1)(m+1)} \rightarrow -\frac{1}{(m+1)^2} \rightarrow -1$$

نمودار علامتی