

معمولی

$$y = -x^2 + bx + c$$

! جواب

$$\left(-\frac{b}{2a}, v\right)$$

$$= \frac{0}{-1} = \frac{b+1}{-1} = v$$

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

$$\Rightarrow b = \pm 1$$

$$f(n) = n^2 + 2n + c = 1 \quad \text{برای } n=0, 1, 2, \dots$$

$$n^2 + 2n, \quad n^2 + 2n = -c \quad \text{برای } n=0, 1, 2, \dots$$

$$f(n) = (1 - n^2)^2 - 2(1 - n^2) - 1 = 0$$

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

$$1 - n^2 = 0 \Rightarrow n^2 = 1 \Rightarrow n = \pm 1$$

$$1 - n^2 = -c = 1 - n^2 = -1 \Rightarrow n = \pm \sqrt{2}$$

$$\left\{ \begin{array}{l} n^2 - 15n + m = 0 \\ \alpha = \beta + 1 \end{array} \right\} \Rightarrow \alpha + \beta = \frac{15}{2} = 7.5$$

$$m, \alpha, \beta = ?$$

$$2\beta + 1 = 15 \Rightarrow \beta = 7$$

$$\alpha = \beta + 1 = 8, \quad m = \frac{15}{2} = 7.5$$

$$n^2 - 15n + 12 = 0$$

نکته

Q. 1.1

$$\alpha + \beta = 1 \Rightarrow \beta = 1 - \alpha = 1 - 1 = 0$$

$$\alpha + \beta = 1 \Rightarrow \alpha + 1 - \alpha = 1 \Rightarrow 1 = 1$$

$$1 - 1 = 0 \Rightarrow 0 = 0 \quad \Delta = 0$$

$$1 - 1 = 0 \Rightarrow \frac{1-1}{1} = 0 \Rightarrow 0 = 0 \quad \Delta = 0$$

$$\alpha + \beta = 1 \Rightarrow \frac{1-1}{1} = 0 \Rightarrow 0 = 0 \quad \Delta = 0$$

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$$\Delta = 15 - \sum \alpha \beta \Delta \leq 0 \quad \Delta$$

$$1 - 1 = 0 \Rightarrow \frac{1-1}{1} = 0 \Rightarrow 0 = 0 \quad \Delta = 0$$

$$\Delta = 1$$

$$1 - 1 = 0 \Rightarrow \frac{1-1}{1} = 0 \Rightarrow 0 = 0 \quad \Delta = 0$$

$$\alpha + \beta = 1 \Rightarrow \frac{1-1}{1} = 0 \Rightarrow 0 = 0 \quad \Delta = 0$$

$$\alpha + \beta = 1 \Rightarrow \frac{1-1}{1} = 0 \Rightarrow 0 = 0 \quad \Delta = 0$$

Parsian

$$\Delta = \frac{15 - \sum \alpha \beta \Delta}{15} + 1 \quad \Delta = 0$$

کتابچه

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$$\alpha = \beta \Rightarrow \alpha + \beta = \varepsilon \Rightarrow \beta = \varepsilon - \alpha \Rightarrow \beta = 1$$

$$\alpha + \beta = \varepsilon \Rightarrow \frac{\alpha}{1} + \beta = \varepsilon \Rightarrow \alpha = \varepsilon - \beta$$

$$\alpha = \varepsilon - \beta \Rightarrow \alpha + \beta = \varepsilon \Rightarrow \beta = \varepsilon - \alpha \Rightarrow \beta = 1$$

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

$$\varepsilon - \sum \varepsilon = \varepsilon - \sum \varepsilon = 0$$

$$h = -1 \cdot t^2 + 0 \cdot t + 0 \Rightarrow t_{max} = \frac{-0}{-2} = 0$$

$$\Rightarrow h_{max} = \frac{-1 \cdot 0^2}{-2} + \frac{0 \cdot 0}{-2} = 0$$

$$h = 0 \Rightarrow (-1 \cdot t^2 + 0 \cdot t + 0) = 0 \Rightarrow t = 0$$

توجه:

$$t = 0 \Rightarrow h = 0$$

