

در ادامه

شماره قفسه

$$f(-1) + f(1) = 0$$

$$f(1-1) = \begin{cases} \sqrt{1-1} = 0 \\ \sqrt{1-1} = 0 \end{cases}$$

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$$1 - (n = -1) \Rightarrow n = 1 \rightarrow 1$$

$$1 - (n = 1) \Rightarrow n = -1 \rightarrow -1$$



$$f(n + \sqrt{n}) = n + n \quad f(n) = 1 - (f)$$

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$$n = 2$$

از کجا اورد:

$$1 + 1 = 2$$

$$f^k + 12 = 248$$

راه حل بنویس!

$$f(n) = n^2 + n \Rightarrow n(n^2 + 1)$$

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$$f(1-n) + f(n-1) = ?$$

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

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

مع ۸

$$0 \quad \checkmark \quad 2$$

$$f(n) = \sqrt{n - 2n + k - 1}$$

$$f(n) = g(n)$$

$$g(n) = \sqrt{n - 12} + 2k$$

$$n - 2n \geq -1 \Rightarrow n \geq \frac{1}{2}$$

$$\frac{1}{2} \leq n \leq \frac{1}{2}$$

$$f(1) = 1 - 1 = 0$$

$$g(1) = 2k$$

$$f(1) = g(1) \Rightarrow -1 - 2 = k$$

$$\frac{1}{2} \leq n \leq \frac{1}{2}$$

$$n = 1$$

$$\frac{1}{2} \leq n \leq \frac{1}{2}$$

$$n = 1$$

$$\left\{ \frac{1}{2}, \frac{1}{2} \right\}$$

$$n = 2$$

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$$f(n) = \sqrt{m - n} + h \quad D_{f \circ g} = [-1, 4]$$

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$$g(n) = \sqrt{n + 1}$$

$$n + 1 \geq 0 \Rightarrow n \geq -1$$

$$n - 2 \geq 0$$

$$n \geq 2 \quad D_f = [-\infty, m]$$

$$D_g = [-1, +\infty)$$

$$D_{f \circ g} = [-1, m] \cap [-1, 4]$$

$$f - g(x) = \sqrt{x} \Rightarrow f(x) = \sqrt{x}, g(x) = \sqrt{x} + h \Rightarrow h = \sqrt{x} - \sqrt{x} = 0$$

$$m + h = \sqrt{x} + 0$$