

۲. آفرین خوب نوشتی

Date: _____

Subject: (فانکشن)

$$u \leq -2 \rightarrow 2a - 2$$

$$u \leq 0 \rightarrow u > 4 \rightarrow (a+1)(v)$$

$$\sqrt{1a+1} \leq 2a-2+a$$

$$12a+12 \leq 3a-2$$

$$10a \leq -14 \quad a \leq -1.4$$

$$u \leq 2+\sqrt{3} \rightarrow \frac{1}{\sqrt{2+\sqrt{3}}} \cdot \frac{\sqrt{2-\sqrt{3}}}{\sqrt{2-\sqrt{3}}} \leq \frac{\sqrt{2-\sqrt{3}}}{\sqrt{4-1}}$$

$$\sqrt{2-\sqrt{3}} \rightarrow \sqrt{2+\sqrt{3}}$$

$$u \leq \sqrt{2-\sqrt{3}} \rightarrow \frac{1}{\sqrt{2+\sqrt{3}}} \cdot \sqrt{2+\sqrt{3}}$$

$$\sqrt{2-\sqrt{3}} + \sqrt{2+\sqrt{3}} + 2 + \sqrt{2+\sqrt{3}} + \sqrt{2-\sqrt{3}} + 2 \rightarrow \frac{4+2\sqrt{4}}{1}$$

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$$(\sqrt{2-\sqrt{3}} + \sqrt{2+\sqrt{3}})^2 = 2 - \sqrt{3} + 2 + \sqrt{3} + 2\sqrt{(2-\sqrt{3})(2+\sqrt{3})} = 4 + 2$$

$$\sqrt{4} = 2$$

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$$n \rightarrow (f(n) - f(-n)) \cdot (n^5 - n) \cdot n^5 \quad \text{--- } \times$$

$$n \rightarrow (f(-n) - f(n)) \cdot (n^5 + n) \cdot n^5$$

$$f(n) - f(-n) = n^5 - n$$

$$f(-n) - f(n) = -(n^5 + n)$$

$$\cancel{f(n)} \cdot (n^5 - n) \cdot n^5$$

$\checkmark$
-0

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$$n \leq -1$$

$$f(-1) + f(-1) = \frac{1+1+1}{-1} = \frac{3}{-1} = -3 = f(-1) - \underbrace{f(1) = 9}_{\text{پ}}$$

$$g(n) = (1-n)^2 (1-n) \quad n < 1$$

$$- \underbrace{(1-n)}_+ \underbrace{\sqrt{1-n}}_+ \underbrace{-}_{-} \underbrace{(1-n)}_+ \quad \left. \begin{matrix} P_+ = P_- \\ P_+ = P_- \end{matrix} \right\} \text{در سطح یکبارگی}$$

$$n-1 < 0 \quad - \underbrace{(1-n)\sqrt{1-n}}_{\text{پ}}$$

$$P_+ n \gg 0$$

$$P_g n \gg 0$$

$$\sqrt{n} \propto n \rightarrow n \sqrt{n}$$

$$n \gg 0 \rightarrow |n| \rightarrow n \sqrt{n}$$

$$\left. \begin{matrix} P_+ = P_g \\ R_+ = R_g \end{matrix} \right\} \text{در سطح یکبارگی}$$

$$f(n) \rightarrow P_+ n \gg 0 \quad [\sqrt{n} - \lfloor \sqrt{n} \rfloor] \approx 0$$

$$g(n) \quad n \gg |n|$$

$$n \gg |n| \propto n = |n| \rightarrow n \gg 0 \rightarrow P_g n \gg 0$$

سایه روشن

SAFARI ROSHAN

$$\left. \begin{array}{l} P_f, P_g \\ R_f, R_g \end{array} \right\} \text{متعلقہ}$$

9

$$f(1,2) = \left(1, \frac{3}{1}\right) \sim (1,2)$$

$$g(1,1)$$

$$f(2,2) \rightarrow 2 \frac{4}{2}$$

$$g(2,2)$$

$$f(0) = 0$$

$$g(-1) = 1$$

$$n=1 \rightarrow (1,1) \quad n=2 \rightarrow (2,1) \quad n=3 \rightarrow (3,1) \quad n=4 \rightarrow (4,1) \quad n=5 \rightarrow (5,1)$$

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