

$$P(a) = P_X \vee a(a+1) = 15a + 15 = 5a - 5 \Rightarrow a = -1, 1$$

$$f(-1) + a = 5a - 5$$

در دو کلاس هم نشسته

$$\sqrt{1-x} = n \sqrt{1+x} = y \quad P(n+1) = 2(n+y+1)$$

$$n = \frac{1}{y} \quad (n+y)^2 \Rightarrow n+y = \sqrt{9} \rightarrow 2\sqrt{4} + 1$$

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

$$f(-n) - f(n) = 2n^2 + 2n$$

$$f(n) = 2n^2 + n \rightarrow f(n) = \frac{2n^2 - n}{2}$$

$$n \rightarrow P(f(0)) = 2n - 1$$

$$n \rightarrow f(f(0)) = 1 + 2n - 1 \quad \left. \begin{array}{l} P_{m+1} = f(f(0)) \Rightarrow f(0) = \frac{P_0}{2} \end{array} \right\}$$

$$\frac{P_m}{P_{m-1}} \rightarrow 2m - 1 = 2m + 1 \rightarrow 2m = 1 \rightarrow m = \frac{1}{2}$$

$$a_n + b + \frac{c}{n} = \frac{a_n^2 + 2b_n + c}{n} = \frac{2n^2 - 12n + 10}{n} \Rightarrow$$

$$g = am + b \quad a = 2, b = -4 \rightarrow 2m - 4 = -4$$

$$D_f = D_g \text{ و } f \text{ و } g \text{ یکدیگر را بر می خیزانند} \rightarrow f = g$$

$$D = [-\infty, 1]$$



Senobar

$$n - |n| \geq 0 \rightarrow n \geq |n|$$

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$$Df = Dg, \text{ " " } \rightarrow f = g$$

$n \geq 0$

(✓)

$$g(n) = 0 \quad [0, +\infty)$$

$$f(n) = [\sqrt{n}] - [\sqrt{n}] = 0 \rightarrow Df = Dg = [0, +\infty)$$

(✓)

~~$$Df = Dg \rightarrow f = g$$~~

$$\text{الف) } \frac{r+1}{r-1} = 1$$

(9)

$$\text{ب) } \frac{r+r}{r-r} = \frac{2}{0} \rightarrow \text{تحت}$$

$$\text{ج) } f(6) \times g(-1) = 0$$

$$\text{الف) } g(n) = \left\{ (1, 1), (0, 1), \left(\frac{1}{2}, 1\right), \left(-\frac{1}{2}, 1\right), \left(\frac{1}{2}, -1\right) \right\}$$

(10)

$$\text{ب) } h(n) = \left\{ (1, 1), (-1, 1), (0, 1), \left(\frac{1}{2}, -1\right), \left(-\frac{1}{2}, -1\right) \right\}$$

