

$\rightarrow y \cdot x f(x)$

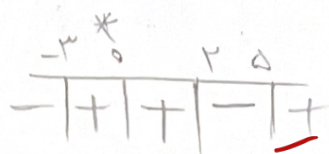
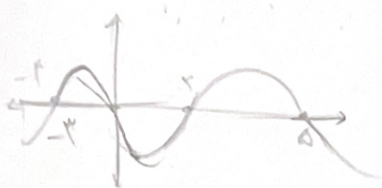
$x_2 + \underline{19}$

A - 7 - 0 - 6 - 8 - 9

-7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9

$P_z[-6, 0] \cup [7, 9]$

(5) (1)



$$Df = (-3, 0) \cup (0, 2)$$

مطابق مع

$$y_2 \sqrt{\frac{m}{f(n)}}$$

$$f(x) - f(r) = x^r - r x + K$$

$$f(x) - x f(x) = -f(x) = x - 9 + 1 \Rightarrow f(x) = x - 8 \Rightarrow f(-1) = \boxed{-9}$$

$$f(x) \Rightarrow f(1) + f'(x) = f(x) = x - \sqrt{x} = 1 - \sqrt{1} = 0 \Rightarrow \sqrt{1 + f'(x)}$$

$$f(r) \Rightarrow r(r) + r \Rightarrow r$$

$$f(x) = ax^2 + bx + c$$

$$f(n-1) - f(n), \quad \forall n \neq 1$$

$$\begin{cases} a(x-1)^2 - b(x-1) + 1 - a(x^2 + 1) + b(x-1) = 4x + 1 \Rightarrow a - 2ax + b = 4x + 1 \\ a(x^2 + 1) - 2ax + b = 4x + 1 \end{cases} \Rightarrow \begin{cases} a - 2ax + b = 4x + 1 \\ a = -1, b = 2 \end{cases} \Rightarrow a - b = -1$$

$$f(x) = \frac{(x^p + x + d)}{x^p + x + v} = \frac{(x+y)^p + 1}{(x+y)^p + p} = \frac{(\sqrt{x-y+y})^p + 1}{(\sqrt{x-y+y})^p + p} = \frac{p}{p}$$

$$f\left(n - \frac{1}{n}\right) = \frac{n^{r+1}}{n^r} = n^r + \frac{1}{n^r}$$

$$f\left(n - \frac{1}{n}\right) = \frac{n^2 + 1}{n^2} = n^2 + \frac{1}{n^2}$$

$$\frac{-\sqrt{1} \pm \sqrt{1 - 4 \cdot 1 \cdot 2}}{2 \cdot 1} = \frac{-1 \pm \sqrt{1 - 8}}{2}$$

$$b) -\frac{\sqrt{x}}{x}, \frac{y}{x}$$

باید بصورت مجموعه ای از زوج های مرتب نوشته شود!

$$f(x) = \{(2,4), (3,4), (-5,2), (1,-2)\}$$

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الف) $2f(x) = \{(2,2), (3,2), (-5,2), (1,-2)\}$ ب) $f(x) + \{(2,2), (3,5), (-5,3), (1,-1)\}$

ج) $3f^2(x) + \{(2,4), (3,49), (-5,13), (1,3)\}$ د) $f(x) = \{(1,1), (\frac{3}{2},2), (\frac{-5}{2},2), (\frac{1}{2},-2)\}$

$$\{(1,4), (1,5), (2,1), (2,3), (3,1), (3,-1)\}$$

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الف) $f-g = \{(1,4), (2,2), (3,2)\}$ ب) $\frac{f}{g} = \{(1, \frac{4}{5}), (2,4), (3,-2)\}$