

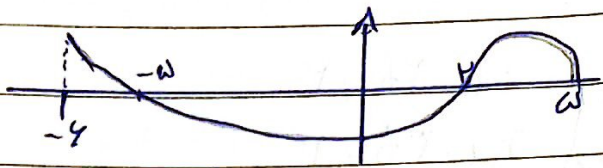
Sub:

الأسئلة تيراني

جمع ١٤:٣٠ إلى ١١:٣٠

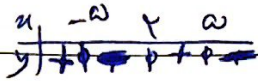
هم دفتر A

١٤٠٥/٧/٧
تكميل سكرتير



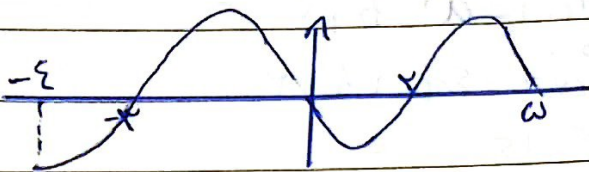
$$y = \sqrt{x}f(x)$$

$$xf(x) \geq 0$$

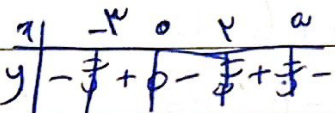


بأنه يوجد $f(x)$ و $f(x)$ و $f(x)$ من مستند

$$D_f = [-\omega, 0] \cup [0, \omega]$$



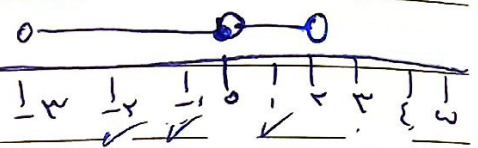
$$y = \sqrt{\frac{-x}{f(x)}} \text{ و } f(x) \text{ با } f(x) \text{ مختلف العادة}$$



بأنه يوجد $f(x)$ و $f(x)$ و $f(x)$ من مستند $f(x) \neq 0$ $\frac{-x}{f(x)} \geq 0$

$$D_f = (-\omega, 0) \cup (0, \omega)$$

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$$if \quad f(x) - 2f(x) = x^2 - 2x + \varepsilon$$

$$f(-x) = 10$$

$$f(x) - 2f(x) = 2 \quad f(x) = -1 \quad f(-x) + \varepsilon = 1\varepsilon$$

$$-f(x) = 2$$

$$f(-x) = 10$$

$$f(x) = \begin{cases} x - \sqrt{x+\varepsilon} & x > x \\ xm + x & x \leq x \end{cases}$$

$$f(f(x)) + f(f(x)) =$$

$$x + x = 9$$

$$f(x) = x - \sqrt{x+\varepsilon} = 2 \quad f(x) = x$$

$$f(x) = x \quad f(x) = 2$$

sub:

$$a-b = -1$$

$$f(n-1) - f(n) = 4n+1$$

$$f(n) = an^r - bn + 1$$

$$f(x) - f(x) = 10 \quad f(x) = 5a - 2b + 1$$

$$f(x) = 9a - 3b + 1$$

$$5a - 2b + 1 - 9a + 3b = 10$$

$$-4a + b = 10$$

$$n=1$$

$$f(n) - f(x) = 15 \quad f(n) = a - b + 1$$

$$f(x) = 5a - 2b + 1$$

$$a - b + 1 - 5a + 2b = 15$$

$$-4a + b = 15$$

$$-4a + b = 15$$

$$-4a + b = 10$$

$$5a - b = 10$$

$$1a = -4(a-10)$$

$$-1a - b = -10$$

$$b = 6$$

$$\frac{1 \cdot f(x) + f(-1)}{f(x)} \quad (V)$$

$$\frac{1+1}{1} \quad (V)$$

$$f(n) = n^r - 2n + 1$$

$$f(x) = 9 - 9 + 1 = 1 \quad f(-1) = 1 + 2 + 1 = 4$$

$$f(x) = 5 - 4 + 1 = (-1)^r = 1$$

$$f(n) = \begin{cases} 2n+1 & n \geq 1 \\ n^r & n < 1 \end{cases}$$

$$\frac{1 \cdot f(x) - 1 \cdot f(-1)}{f(x)} = \frac{1 \cdot f(x) - 1 \cdot f(-1)}{1} = \boxed{\frac{1}{1}}$$

$$f(x) = 1^r \quad f(-1) = 1$$

$$f(x) = 1^r$$

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

$$\frac{f(1) - f(3)}{1 - 3} = \frac{4 - 2}{2} = 1$$

$$f(n) = \frac{n^2 + \varepsilon n + 9}{n^2 + \varepsilon n + \omega}$$

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

$$f(\sqrt{n}) = \frac{(\sqrt{n})^2 + \varepsilon(\sqrt{n}) + 9}{\sqrt{n} + \varepsilon(\sqrt{n}) + \omega}$$

$$f(\sqrt{n}) = \frac{1}{\varepsilon} = 1$$

$$f(n) = \frac{n^2 + \varepsilon n + 9}{n^2 + \varepsilon n + \omega} = \frac{1}{1}$$

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

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

$$(f(\sqrt{n}))^2 = (\sqrt{n})^2 + \frac{1}{(\sqrt{n})^2} = (n + \frac{1}{n})^2 = n^2 + \frac{1}{n^2} + 1$$