

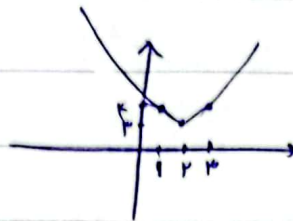
تلف ۱۲

سأف ۱۱

بعض الامور التي ...

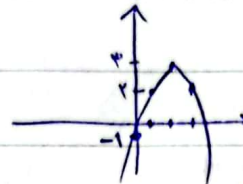
$$y = x^2 - 4x + 7$$

$$\Delta \rightarrow 16 - 28 = -12$$



$$x^2 - 4x + 7 = 0 \rightarrow x = 1, 3$$

$$y = x^2 - 4x + 7 = (x-2)^2 + 3$$



$$\Delta \rightarrow (m+1)^2 - 4(m+1) + 7 = m^2 - 2m - 1 < 0 \rightarrow m \in (-1, 3)$$

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$$\Delta \rightarrow \frac{m+1}{m-1} \rightarrow \frac{1}{1-1} \rightarrow (-1, 3)$$

$$1. (m-1) \rightarrow m < 1 \rightarrow \frac{1}{1-1}$$

$$\frac{b}{a} \rightarrow \frac{m+1}{m-1} \rightarrow \frac{1}{1-1} \rightarrow (-1, 3)$$

$$\Delta \rightarrow \text{قائمة}$$

$$m = (-2, 2)$$

$$a \rightarrow m < 1$$

$$\Delta \rightarrow \frac{c}{a} \rightarrow \frac{(m+1)^2 - 4(m+1) + 7}{m-1} \rightarrow \frac{m^2 - 1}{m-1} \rightarrow m+1$$

$$-2 \rightarrow \frac{m+1}{m-1} \rightarrow -1 \rightarrow m < 1$$

$$\frac{1}{2} \rightarrow 2(\sin \alpha)x + \frac{1}{2} \rightarrow \sin \alpha \geq 1 \rightarrow \sin \alpha \leq \pm 1 \rightarrow \sin \alpha = 1$$

$$\Delta \rightarrow b^2 - 4ac \rightarrow \frac{1}{4}x^2 - 2x + \frac{1}{2} \rightarrow 4x^2 - 12x + 2 \rightarrow$$

$$(4x-3)^2 \rightarrow x = \frac{3}{4}$$

$$y = \frac{(x^2 - x - 1)(x^2 - 3x - 2)}{1 - x^5} = \frac{(x-1)(x+1)(x+1)(x-2)}{(x-1)(x+1)} = 4$$

$$\begin{array}{r} x^2 - x - 1 \mid x-1 \\ x^2 - x \\ \hline x-1 \end{array}$$

$$\begin{array}{r} x^2 - 3x - 2 \mid x+1 \\ x^2 + x \\ \hline -4x - 2 \\ -4x + 4 \\ \hline 6 \end{array}$$

$$= (x+1)(x-2)$$

$$= x^2 - x - 2$$

$$\left(\frac{149}{15} \right) = \frac{149 - E(-1) - 0}{15} = \frac{154}{15} = \max$$

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$$PS = \Delta P + V \rightarrow P \left(\frac{m+r}{m} \right) = \Delta \left(\frac{r}{m} \right) + V$$

-V

$$\frac{Pm+r}{m} = \frac{-10 + Vm}{m} \rightarrow Pm+r = -10 + Vm \rightarrow m = E$$

$$Em^2 - 4m - 2 = 0 \rightarrow S = \frac{4}{E} = \frac{4}{1}, P = \frac{-2}{E} = -\frac{1}{2}, \rightarrow \frac{4}{E} + 1 = \left[\frac{13}{E} \right]$$

$$\frac{E\alpha}{\gamma} + \frac{\beta^p}{\delta} = \frac{\alpha^p}{\delta} + \frac{\beta^p}{\delta} = \frac{1}{\delta} (\alpha^p + \beta^p)$$

-1

$$S = \Delta, P = r$$

$$= \frac{1}{r} (S^p - PPS) = \frac{1}{8} (128 - 16) = 19$$

$$\Delta \beta^p = \frac{r}{\alpha^r}$$

$$y_1 = Pm + 1, \quad x = r, \quad y_1 = 1E$$

-4

$$y_1 = ax^r + bx + c, \quad x = r, \quad y_1 = E$$

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$$\begin{cases} Ea + rb = 1 \\ 7a - 3b = 0 \end{cases}$$

$$a = 1, b = r$$

$$x^r + rx + E \rightarrow x_s = \frac{-b}{ra} = \frac{-r}{r} = -1$$

$$rx^r + (m+1)x + x + 4 = x \rightarrow rx^r + mx + x + 4 = x$$

-1

$$\Delta = m^2 - E(r)(m+4) = 0 \rightarrow m^2 - 1m - 4 = 0 \rightarrow m = \frac{1 \pm \sqrt{17}}{2}$$

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