

تالیف ۷
کیارش تحقیق
> دازدهم پسر B

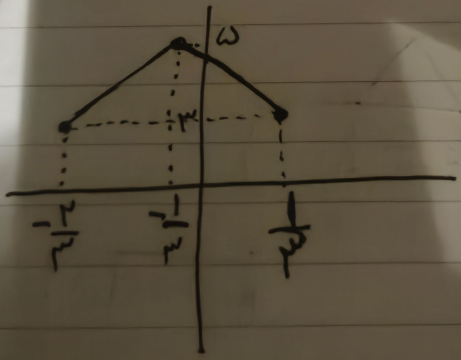
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$$\left. \begin{array}{l} -2 \xrightarrow{\times 5} -10 \xrightarrow{-2} -12 \xrightarrow{+3} -9 \\ 4 \xrightarrow{\times 5} 20 \xrightarrow{-2} 18 \xrightarrow{+3} 21 \end{array} \right\} \rightarrow P = [-9, 21]$$

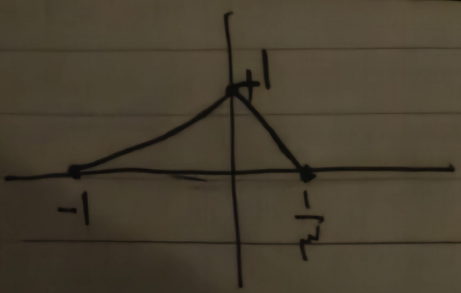
$$\left. \begin{array}{l} -2 \xrightarrow{\times 3} -6 \xrightarrow{-2} -8 \\ 3 \xrightarrow{\times 3} 9 \xrightarrow{-2} 7 \end{array} \right\} \rightarrow P = [-8, 7]$$

$$\left. \begin{array}{l} -1 \xrightarrow{\times 3} -3 \xrightarrow{+1} -2 \xrightarrow{+2} 0 \xrightarrow{-2} -2 \xrightarrow{+5} 3 \xrightarrow{+5} 8 \\ 3 \xrightarrow{\times 3} 9 \xrightarrow{+1} 10 \xrightarrow{+2} 12 \xrightarrow{-2} 10 \xrightarrow{+5} 15 \xrightarrow{+5} 20 \end{array} \right\} \rightarrow P = \left[-\frac{3}{5}, \frac{8}{5}\right]$$

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$$x_s = -\frac{b}{r_2} \rightarrow x_s = -\frac{-2}{-\frac{1}{2}} = -4$$

$$y_s = -\frac{A}{r_2} \rightarrow y_s = -\frac{\frac{11}{10} - f(-\frac{1}{2})(1)}{-\frac{1}{2}} = -\frac{\frac{11}{10} + \frac{100}{\sqrt{5}}}{-\frac{1}{2}} = \frac{11}{10} = \frac{22}{20}$$

$f(x) \rightarrow$

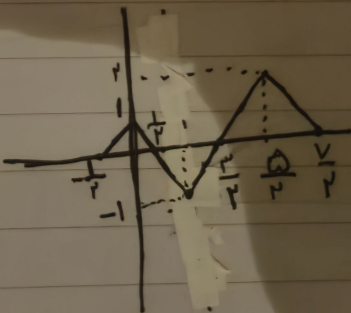


$$(a+1, b-1) = (-2, 5) \rightarrow$$

$$\begin{cases} b=6 \\ a=-3 \end{cases}$$

$$f(3)(4) = -9$$

$$y = f(x)$$



$$\sqrt{|f(x)-3|} = |2f(x)-3|$$

$$D = \left[-\frac{1}{2}, \frac{7}{2} \right] \leftarrow \text{دامنه تغییر نمی کند فقط بازه تغییر می کند}$$

