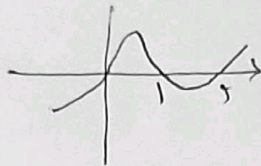


$$f(x-1) \rightarrow$$



6

6

$$(x+5)f(x-1) \delta$$

$$\begin{matrix} -2 & 0 & 1 & 2 \\ (x+5) & + & + & + \\ f(x-1) & - & + & - \\ \hline & + & - & + \end{matrix}$$

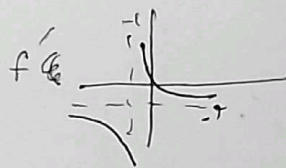
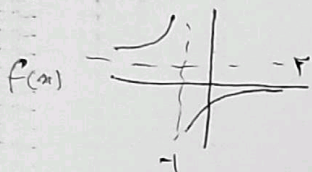
$$\rightarrow D_y = [-2, 2] \cup [2, 2]$$

$$g(x) = |2(x+5) - 3| - 5$$

$$g(x) = f(x) \rightarrow |2(x+5) - 3| - 5 = |2x - 3| - 5 \rightarrow f = |2x - 3| - 5$$

$$\Rightarrow k = \frac{9}{2} \rightarrow \frac{9}{2}$$

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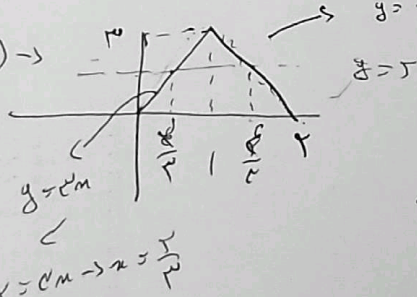


باید تعداد کسرها را هم واحد
ما را به یک واحد تبدیل کردیم

6

8

$$f(x-1) \rightarrow$$



$$y = -x + 5 \rightarrow x = -y + 5 \rightarrow x = \frac{5}{2}$$

$$\delta = \frac{\frac{1}{2} \times 1}{2} = \frac{1}{4}$$

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$$\frac{2 \times 5}{2} = 5 \rightarrow \frac{9}{2} - 5 = \frac{1}{2}$$

$$x = -y + 5$$

$$\rightarrow \frac{(a-2)}{2} = \frac{1}{2} \rightarrow a = 2$$

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

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