

مختصرات ۱- (۲)

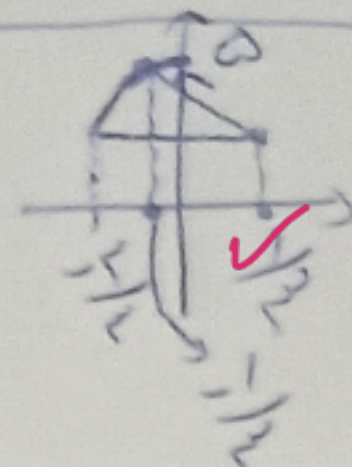
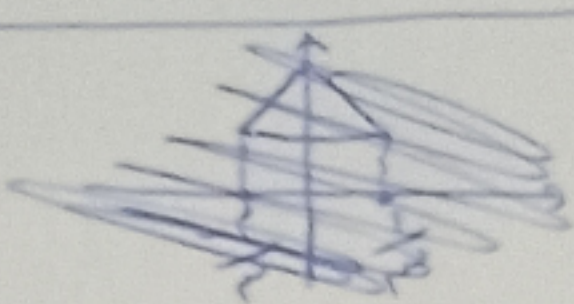
$$-1 < n < 1 \rightarrow -1 < \frac{n+1}{2} < 1 \rightarrow -1 < n < 1$$

$$D_f = [-1, 1]$$

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

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

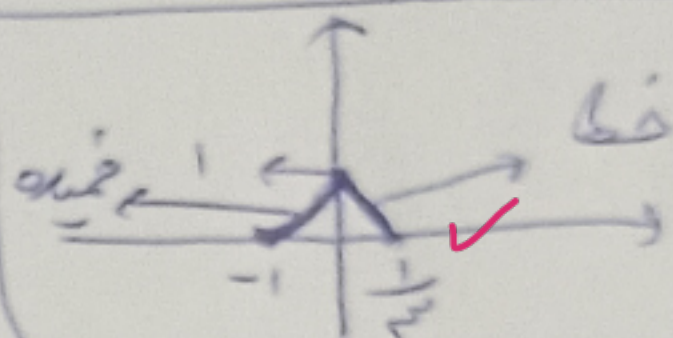
$$R_f = [0, 1] \rightarrow \mathcal{L}_f = [2, \infty)$$



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$$\frac{n+1}{2} < 1 \rightarrow \frac{n+1}{2} < 1 \rightarrow n+1 < 2 \rightarrow n < 1$$

$$\Rightarrow -\frac{1}{2} < n < \frac{1}{2} \rightarrow -1 < 2n < 1 \rightarrow -\frac{1}{2} < n < \frac{1}{2}$$



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

$$n < n-1 < 1 \rightarrow n+1 < n < 1$$

$$\rightarrow b-1 < 1 \rightarrow b < 2$$

$$\rightarrow a+1 < -1 \rightarrow a < -2$$

$$n+1 = 1 \rightarrow n = -1$$

$$1 - \mathcal{L}(1) = 0 \rightarrow 1 - \mathcal{L}(1) = -1 = 0$$

$$2B = \frac{1}{2}$$

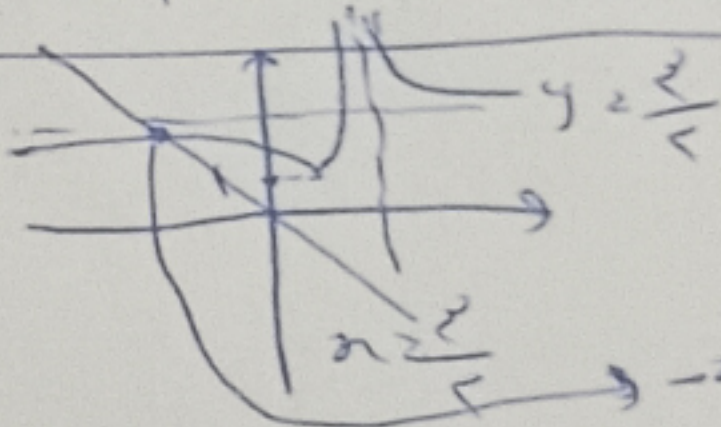
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(۲) - ۹

$$R_f = [-1, 2] \rightarrow [-1, 1] \rightarrow [-1, 1] \rightarrow [0, 1] \rightarrow [0, \sqrt{2}]$$

$$D_f = -1 < n < 1 \rightarrow -\frac{1}{2} < n < \frac{1}{2} \rightarrow D_f = [-\frac{1}{2}, \frac{1}{2}]$$

$$g(n) = \left| \frac{n-1}{n-2} \right| + 1$$



$$g(n) \rightarrow n$$

$$\rightarrow \frac{n-1}{n-2} + 1 = \frac{n-1+n-2}{n-2} = \frac{2n-3}{n-2} \rightarrow 2n-3 = 0 \rightarrow n = \frac{3}{2}$$

$$n < -\frac{1}{2}$$

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