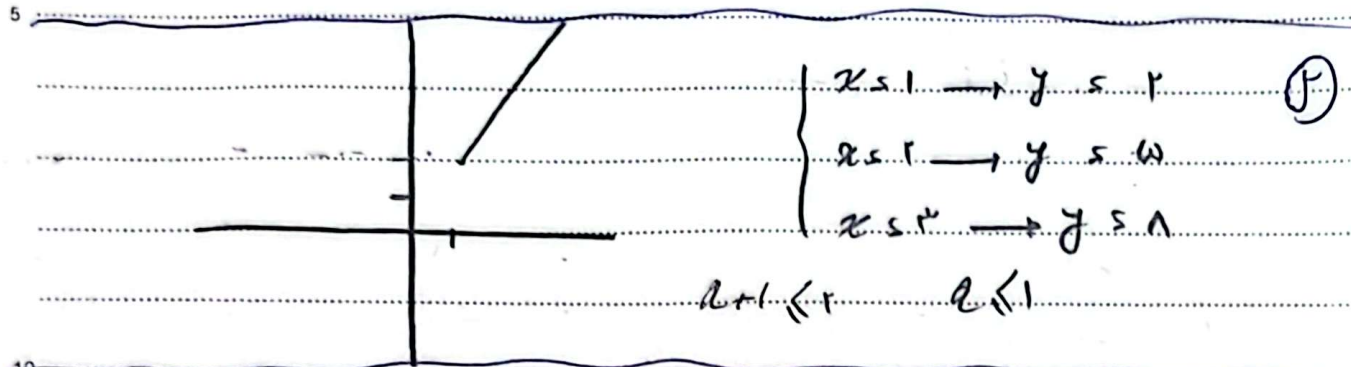


$$\begin{aligned} n^2 - n \leq 2 &\rightarrow n^2 - n - 2 \leq 0 \rightarrow (n-2)(n+1) \leq 0 \\ m \leq 3 \quad n \leq 2 \end{aligned}$$

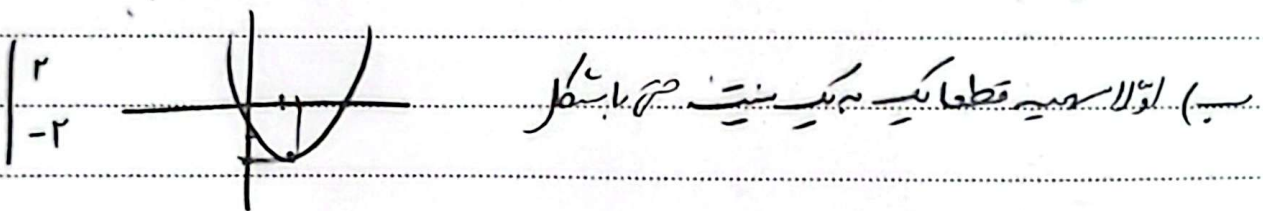
$$n \leq 2, a \leq -1 \leftarrow (a, 1) \leftarrow m \leq 2$$



$$\begin{aligned} 3x - 1 &\leq 2, 3x \geq 2, 3x - 1 \geq 2 \\ x \leq 0 &\rightarrow ax + a - 1 \rightarrow ax \leq 0 \rightarrow a + ax - 1 \leq a - 1 \\ a > 0 &\rightarrow \text{نکته} \quad a \in (0, 2) \quad a < 2 \end{aligned}$$

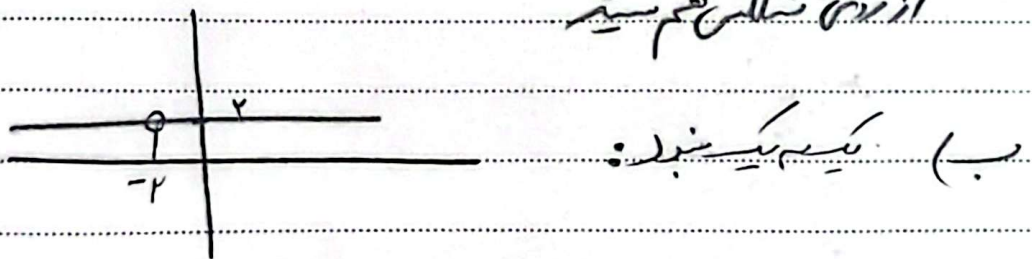
$$x^2 \leq y - 2 \rightarrow \sqrt{y-2} \leq x \rightarrow y \leq \sqrt{x-2} \quad (\text{الف})$$

مجموعه ها ته است



$$(5) \text{ (الف) چون } (a, d \neq 0) \text{ و تابع همواره از } (0, 0) \text{ می‌گذرد.}$$

از ۵۰۰ شانس هم می‌تواند



$$f^{-1}(x) = \sqrt[3]{x-1}$$

$$12 \leq \sqrt[3]{f(x)} \leq f(x)$$

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تغيير

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$$t^2 + t - 12 \leq 0$$

$$(t+4)(t-3)$$

$$\cancel{t = -2} \leq t \leq 3$$

$$\hookrightarrow f(x) \leq 9 \quad f^{-1}(x) = \sqrt[3]{x-1} \leq 3$$

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SAMA NOTEBOOK