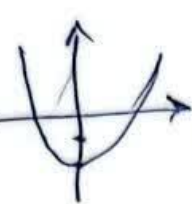
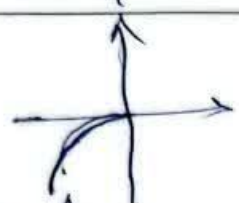
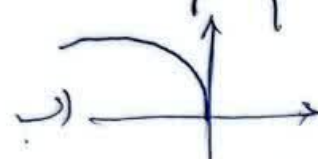
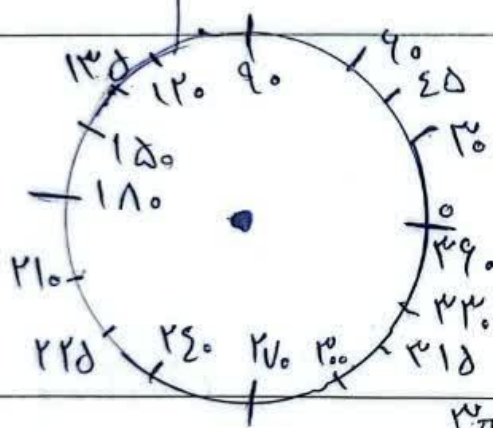
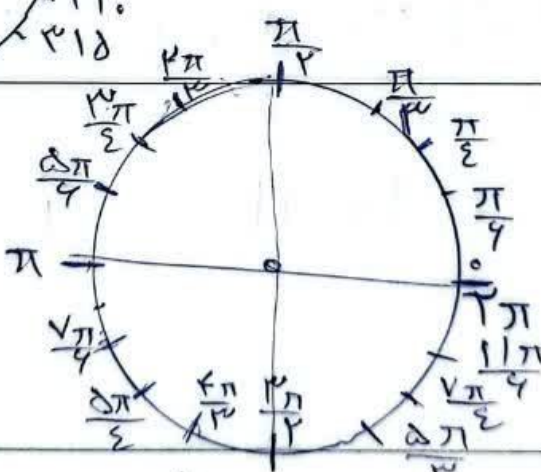
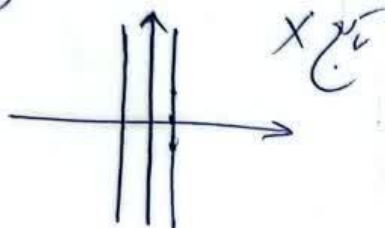


الف)  ج) 	٦
د)  هـ) 	٧
الف)  ج) 	٨
ب)  د) 	٩
الف)  ج) 	١٠
الف) $-\frac{1}{2}$ ج) $\frac{1}{2}$	
ب) $\frac{1}{2}$ د) $\frac{\sqrt{3}}{2}$	

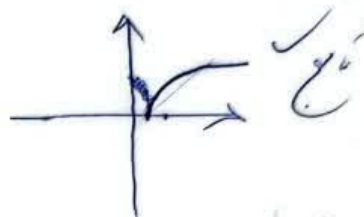
$$4a = a^2 + 3 \Rightarrow (a-1)(a-3) = 0 \Rightarrow a = \begin{cases} 1 \\ 3 \end{cases}$$

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الف)



ب)



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الف) $x = 3 \Rightarrow y = \{0, 2\}$

ب) $x = 0 \Rightarrow y = \{0, \pm 1\}$

ج) ~~$x = 1 \Rightarrow y = \{0, 2\}$~~ $x = 3 \Rightarrow y = \{0, 2\}$

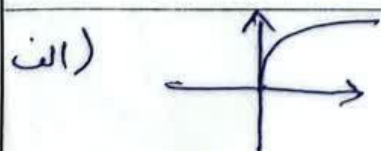
د) $x = 0 \Rightarrow y = \mathbb{R}$

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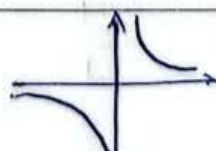
الف) $x(x-2) = -|y-1| \Rightarrow x = 1 \Rightarrow y = \begin{cases} -2 \\ 4 \end{cases} \Rightarrow$ ~~نایب~~

ب) $-3x = +y$

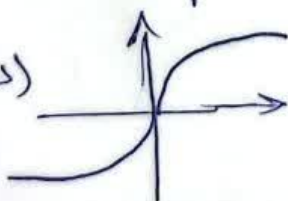
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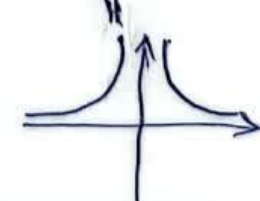
ج)



ب)



د)



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