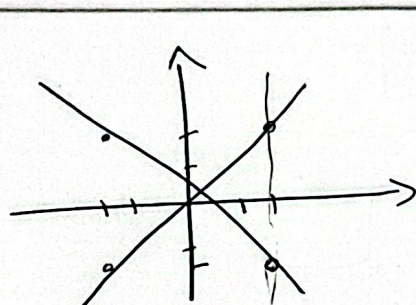
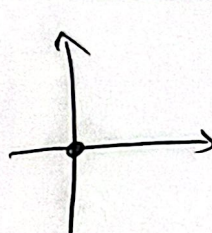


$$a^2 + 3 = 4a \Rightarrow a^2 - 3 = 4a - 3 \Rightarrow a^2 - 4a + 3 = 0 \Rightarrow (a-1)(a-3) = 0$$

$$\Rightarrow \begin{cases} 1 \\ 3 \end{cases}$$



تابع است



تابع دارد / تابع است

$$f = u = 4 \Rightarrow |y-1| = \sqrt{4} \Rightarrow |y-1| = 2 \Rightarrow y-1 = -2 \Rightarrow y = -1$$

$$y-1 = +2 \Rightarrow y = 3$$

$$g = y^2 - y = \frac{u^2}{4} \Rightarrow u = 0 \Rightarrow \frac{u^2}{4} = 0 \Rightarrow y^2 - y = 0 \Rightarrow y^2 = y \Rightarrow y = 1$$

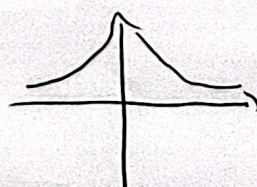
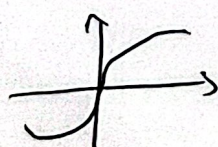
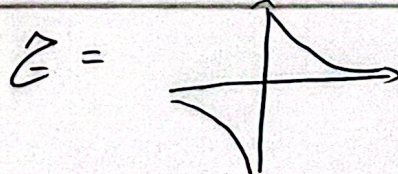
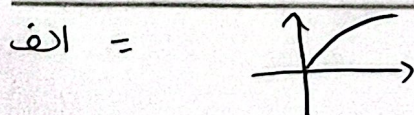
$$y = 0$$

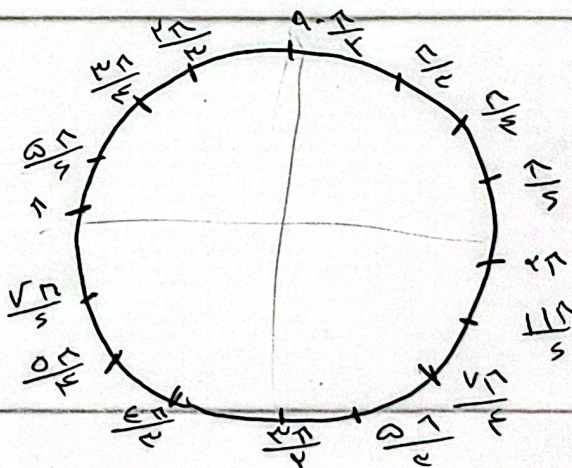
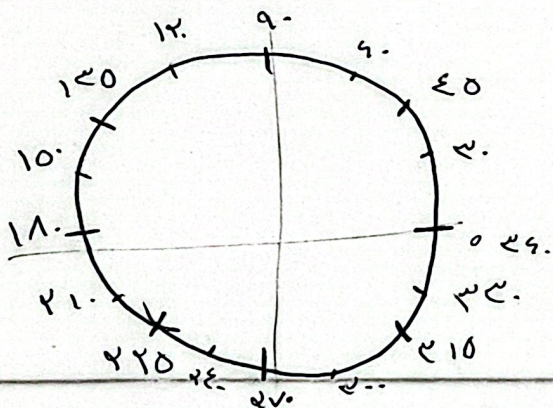
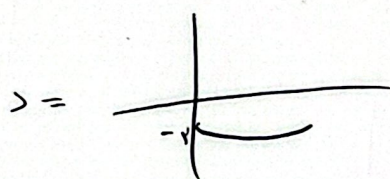
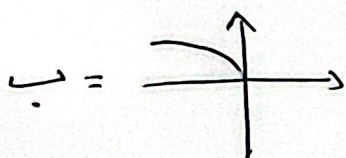
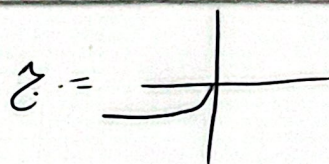
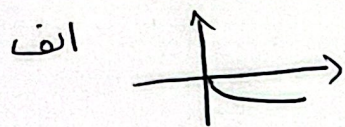
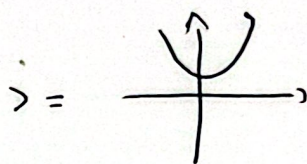
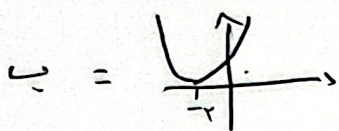
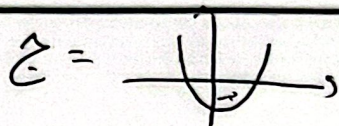
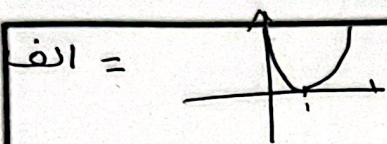
$$h = u = 9 \Rightarrow \sin 9 \Rightarrow \sin^2 u = 1 \Rightarrow 1 + \cos^2 \frac{y}{4} = 1 \Rightarrow \cos^2 \frac{y}{4} = 0 \Rightarrow \frac{y}{4} = \frac{\pi}{2} \Rightarrow y = 2\pi$$

$$y = 0$$

$\Rightarrow$ تابع است

?





الف = $-\frac{1}{2}$

ب = $\frac{1}{2}$

ج = $\frac{1}{2}$

د = $-\frac{1}{2}$