

Date :

فاطمه سلیمانی تکلیف شماره ۲ کلاس نهم دختر

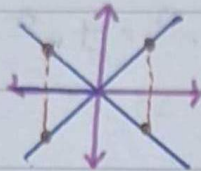
$$1) \quad a^3 = a^3 - 3 \quad a^2 - 4a + 3 = 0 \quad 1 - 4 + 3 = 0 \quad a = 1, 3$$

(۲)

(۲)

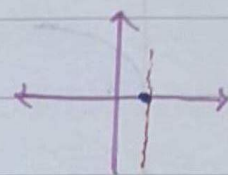
(۲)

تابع نیست (الف)



$$\sqrt{x-1} + |y| = 0 \quad \text{ثابت} \quad \text{ثابت}$$

$$\rightarrow y = 0 \quad \text{نقطه تک} \quad x - 1 = 0 \rightarrow x = 1$$



تابع نیست

(۳)

$$1) \quad x = 3 \quad |y-1| = \sqrt{3-2} \quad y-1 = 1 \rightarrow y = 2$$

$$y-1 = -1 \rightarrow y = 0$$

(۲)

$$1) \quad x = 0 \quad y^2 = y \quad y = 0 \quad y = 1$$

$$1) \quad x = 0 \quad \cos \frac{y}{2} = \sqrt{1} \rightarrow \cos \frac{y}{2} = 1 \Rightarrow \frac{y}{2} = 0 \Rightarrow y = 0$$

$$1) \quad x = 0 \quad 2 \times 0 \times y = 0 \quad y = 0$$

(۴)

$$1) \quad x = 1 \quad |y-1| = 3 \rightarrow y-1 = 3 \Rightarrow y = 4$$

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

(۲)

تابع نیست

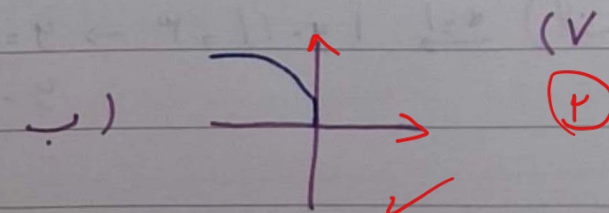
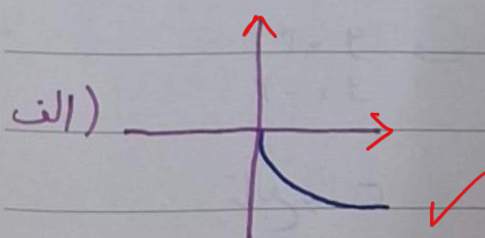
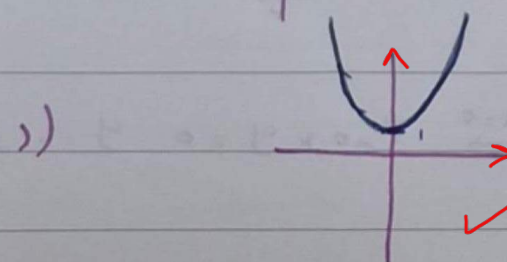
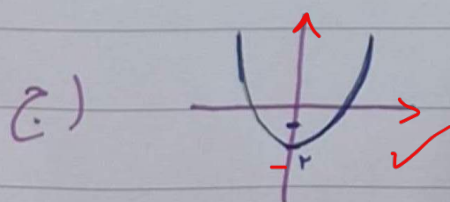
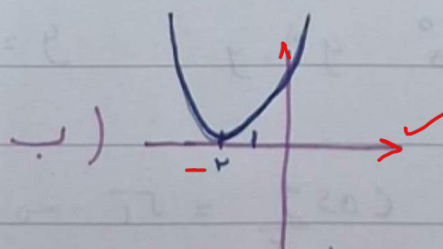
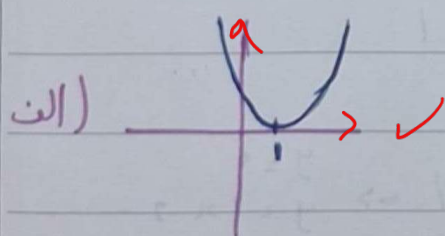
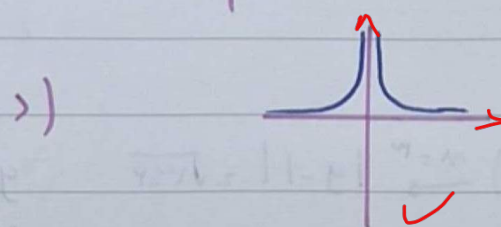
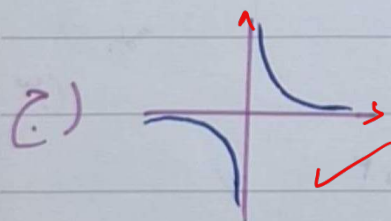
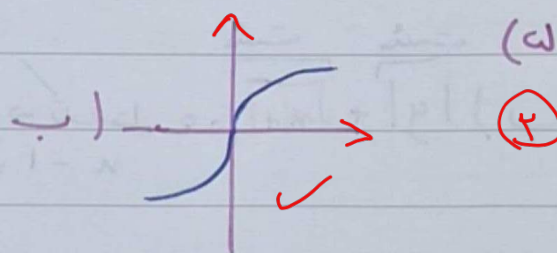
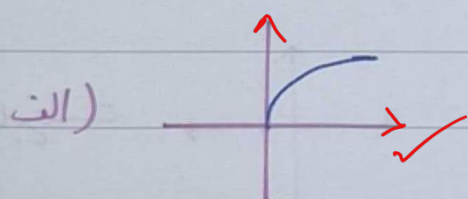
✓) if $(x_1, y_1) \in f \xrightarrow{x_1 = x_2, y_1 = y_2} (x_2, y_2) \in f$

$\Rightarrow y_1 + x_1 = 0$

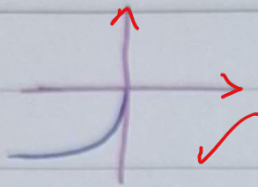
$y_2 + x_2 = 0$

$\Rightarrow y_1 = y_2 \Rightarrow y_1 = y_2$

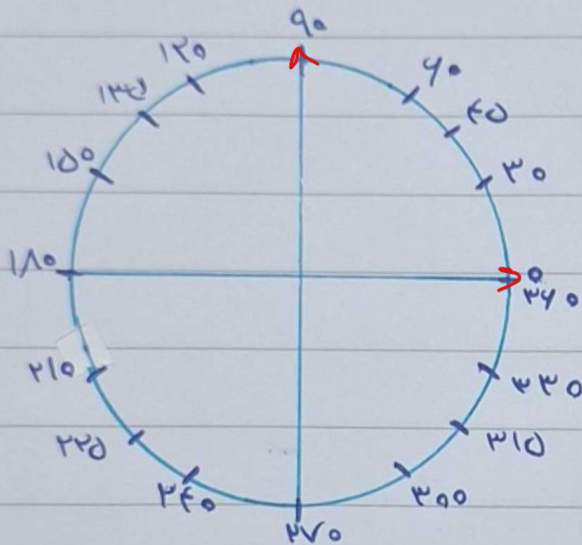
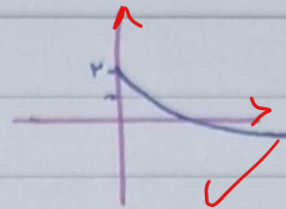
تتبع



ج ١

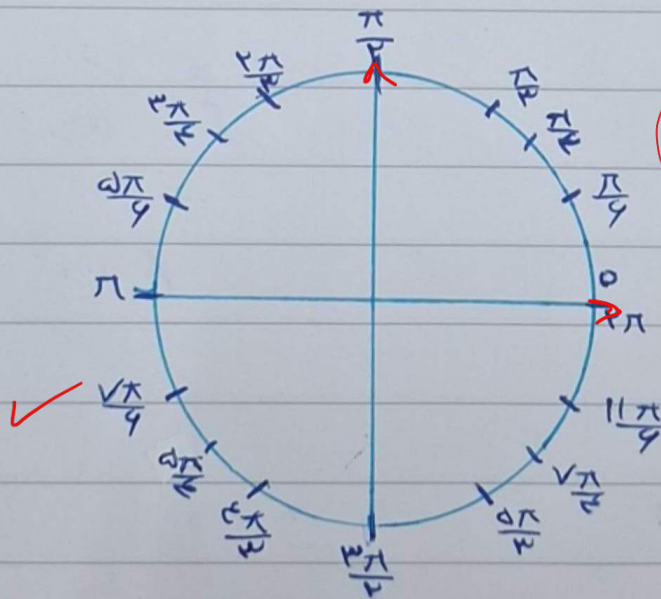


د ١



(١)

(٢)



(٢) (٩)

الف $-\frac{1}{2}$ ✓

ب $\frac{1}{2}$ ✓

(٢) (١٠)

ج $\frac{1}{2}$ ✓

د $-\frac{1}{2}$ ✓