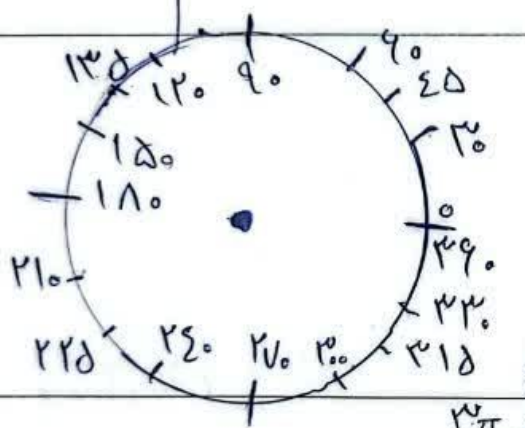
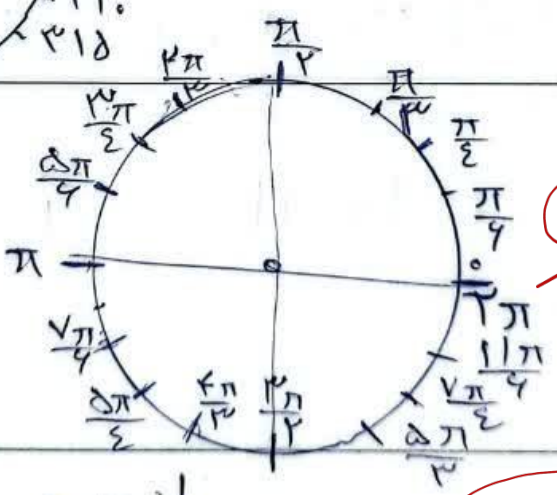


الف	ج	٦
ب	د	٧
الف	ج	٨
ب	د	٩
		١٠
الف) $-\frac{1}{2}$	ج) $\frac{1}{2}$	١١
ب) $\frac{1}{2}$	د) $\frac{\sqrt{3}}{2}$	

حل سوالات غلط درصفحه
آخر

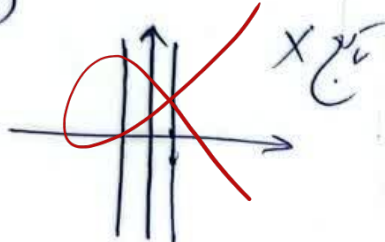
۱۴۵

نام و نام خانوادگی پاسخنامه تشریحی تکلیف شماره ۲ کلاس سال
نام خانوادگی

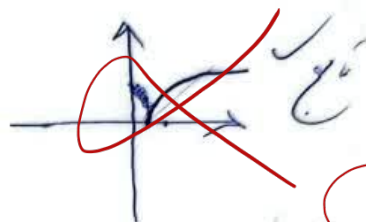
$$4a = a^2 + 3 \Rightarrow (a-1)(a-3) = 0 \Rightarrow a = \begin{cases} 1 \\ 3 \end{cases}$$

۱

الف)



ب)



۲

الف) $x = 3 \Rightarrow y = \{0, 2\}$

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

ج) ~~$x = 4 \Rightarrow y = \{0, \pm 1, \pm 2\}$~~ $x = 2 \Rightarrow y = \{0, \pm 1, \pm 2\}$

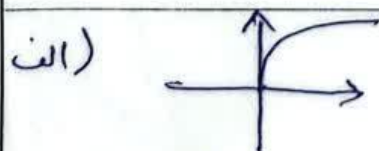
د) $x = 0 \Rightarrow y = \mathbb{R}$

۳

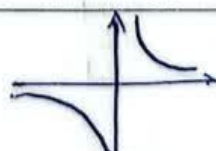
الف) $x(x-2) = -|y-1| \Rightarrow x = 1 \Rightarrow y = \begin{cases} -2 \\ 4 \end{cases} \Rightarrow$ ~~ب) $x = 3$~~

ب) ~~$x = 3$~~

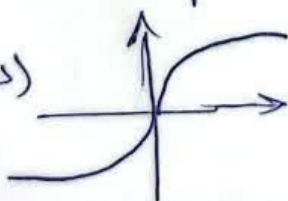
۴



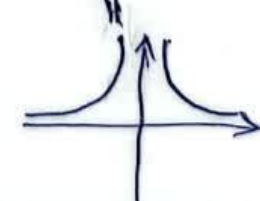
ج)



ب)

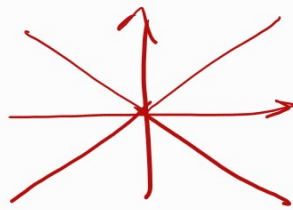


د)



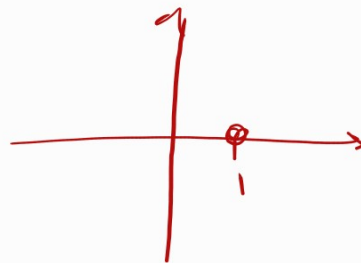
۵

الف) $|y| = |x| \rightarrow y = \pm x$



(٢)

ب) $|y| + \sqrt{x-1} = 0$ $x-1=0 \rightarrow x=1$
 $y=0$



ب) $y = \sqrt[3]{-3x}$

$y_1 = \sqrt[3]{-3x_1}$

$y_2 = \sqrt[3]{-3x_2}$

$y_1^3 = -3x_1 \rightarrow x_1 = \frac{y_1^3}{-3}$

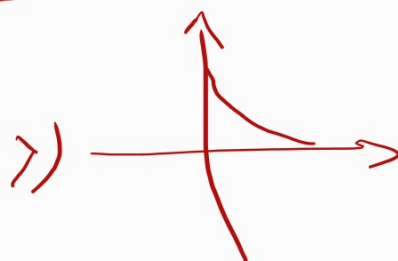
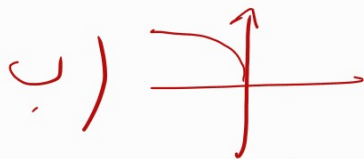
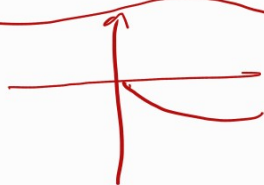
$y_2^3 = -3x_2 \rightarrow x_2 = \frac{y_2^3}{-3}$

$-\frac{y_1^3}{3} = \frac{-y_2^3}{3} \rightarrow y_1^3 = y_2^3 \rightarrow y_1 = y_2$

مع است

(٤)

الف)



(٧)