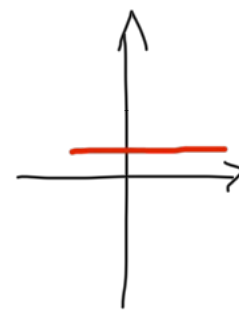
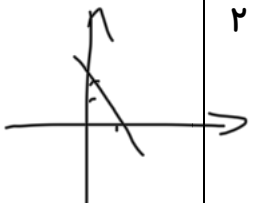
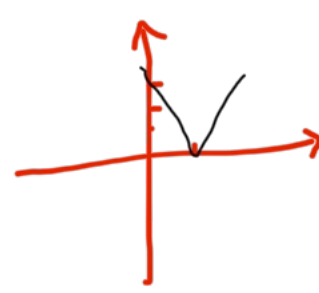


الف) $y^3 - n = 2n^2$ $y^3 = 2n^2 + n$ $y = \sqrt[3]{2n^2 + n}$	ب) $y = n + 3 - n$ $n = 2$ $y = 0$ $y = 3 - 2 = 1$ تابع نپایه	$\sqrt{n-2} \geq 0$ $y-2 \geq 0 \rightarrow y-2 = 0 \rightarrow y = 2$ $\sqrt{n-2} = 0$ $n = 2$ تابع نپایه	2) $\cos \frac{\pi}{2} = 0$ $n = 2$ $y = \frac{\pi}{2} \cdot \frac{2\pi}{2}$ تابع نپایه	1
$y = c$ $c = 1$ $y = 1$ 	الف) $y - y_1 = m(x - x_1)$ $(x_1, y_1) = (1, 2)$ $m = 2$ $y - 2 = 2(x - 1)$ $y - 2 = 2x - 2$ $y = 2x$	$y - y_1 = m(x - x_1)$ $(x_1, y_1) = (1, 2)$ $m = 2$ $y - 2 = 2(x - 1)$ $y - 2 = 2x - 2$ $y = 2x$		2
$y = ax + b$ $y = n$ $a + 2b = 1 + 2(0)$ $y = ax + b$ $a + 2b = 1$ $a = 1$ $b = 0$	الف) $y = y_1 + m(x - x_1)$ $y = x^2 + ax + b$ $m = -\frac{2}{1} = -2$ $a = -2$ $1 = 2^2 + (-2)(2) + b$ $1 = 4 - 4 + b$ $b = 1$ $1 = 4 - 2 + b$ $a + 2b = -2 + 2(1)$ $a + 2b = 0$	$y = y_1 + m(x - x_1)$ $y = x^2 + ax + b$ $m = -\frac{2}{1} = -2$ $a = -2$ $1 = 2^2 + (-2)(2) + b$ $1 = 4 - 4 + b$ $b = 1$ $1 = 4 - 2 + b$ $a + 2b = -2 + 2(1)$ $a + 2b = 0$	$a + 2b = -2 + 2(1)$ $a + 2b = 0$ $a + 2b = 0$	3
	الف) 	ج) 	د) 	4
	الف) 	ب) 	د) 	5

$$-\cos\left(\frac{11\pi}{6}\right) = \sin\left(\frac{11\pi}{6} - \frac{\pi}{2}\right) = \sin\left(\frac{5\pi}{3}\right)$$