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$$\sqrt{n-f} \approx 0 \rightarrow n=f$$

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1, VQ

(✓)

$$y \in K \quad D_f = \mathbb{R}$$
$$\left. \begin{array}{l} y^n \\ y^n + b \end{array} \right\} \rightarrow \begin{array}{l} a \\ b \end{array}$$

①

$$\Rightarrow \frac{-b}{r_a} = \frac{q_1}{1} \Rightarrow r_a = -b \Rightarrow \Phi$$
$$\begin{array}{c|ccccc} x & 1 & 0 & -1 & -2 \\ \hline y & -2 & -1 & 1 & 1 \end{array}$$

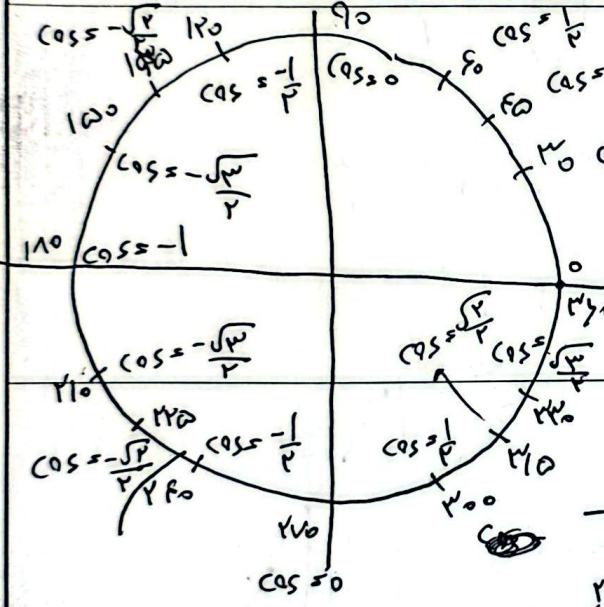
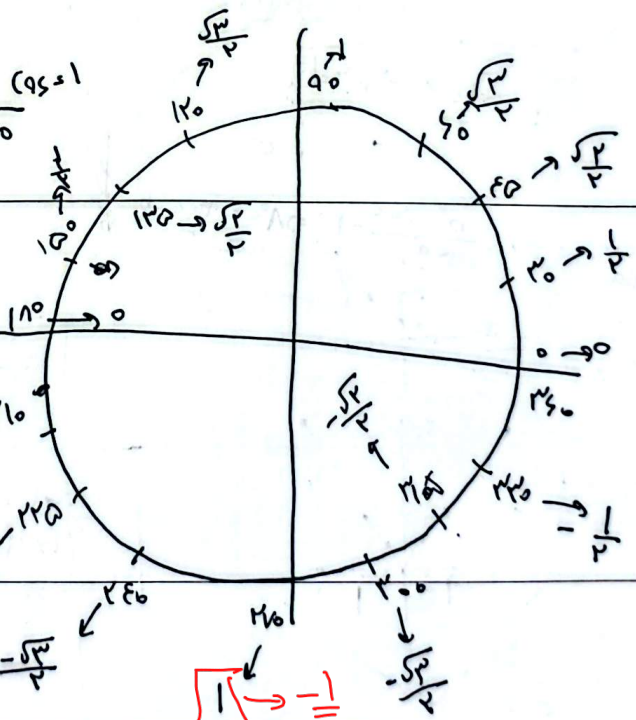
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$$\begin{array}{r|rrrr} x & 2 & 1 & 0 & -1 & -2 \\ \hline y & 14 & 1 & 0 & 1 & 14 \end{array}$$

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④

$x^2 - \sqrt{n+1} \neq 0 \Rightarrow \dots$ $\sqrt{1 \pm \sqrt{49-96}} \Rightarrow \Delta < 0 \Rightarrow D_f \neq R$	$x^2 - f \neq 0$ $n(n-f) \neq 0$ $x \neq 0, n-f \neq 0 \Rightarrow n \neq f$ $D_f = R - \{0, f\}$	۲
$x^2 + n + f \neq 0 \Rightarrow 1 \pm \sqrt{1^2 - f n^2} \Rightarrow \Delta < 0$ $D_f \neq R$	$n^2 - f n^2 \neq 0 \Rightarrow n^2(n-f) \neq 0$ $n \neq 0, (n-f)(n+f) \neq 0 \Rightarrow n \neq f$ $D_f = R - \{0, f, -f\}$	۶
$x^2 + 1 \neq 0 \Rightarrow x^2 \neq -1$ $D_f \neq R$	$1 - n \geq 0 \Rightarrow n \leq 1 \Rightarrow D_f = [1, +\infty)$ $n - 2 \geq 0 \Rightarrow n \geq 2 \Rightarrow D_f = [2, +\infty)$ $1 \cap 2 \Rightarrow D_f = [2, 1]$	۷
$ x + n^2 \neq 0$ $D_f = R - \{0\}$	$n - 2 \geq 0 \Rightarrow n \geq 2$ $n - f \neq 0 \Rightarrow n \neq f$ $D_f = [2, +\infty) - \{f\}$ $D_f = [2, f) \cup (f, +\infty)$	۸
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$\cos \frac{11\pi}{6} = \frac{\sqrt{3}}{2} \rightarrow -\frac{\sqrt{3}}{2}$	$\cos \frac{7\pi}{6} = -\frac{1}{2} \rightarrow \frac{1}{2}$	۱۰
$-\frac{\sqrt{3}}{2} = \sin \frac{5\pi}{6}, \sin \frac{4\pi}{6}$	$\frac{1}{2} = \sin \frac{\pi}{6}, \sin \frac{5\pi}{6}$	

$$\rightarrow y = x^2 + ax + b \quad \text{Min} \int_1^2$$

$$x_5 = \frac{-b}{1a} \rightarrow \frac{-a}{1} = 2 \Rightarrow \underline{\underline{a = -2}}$$

$$y_5 = 1 \rightarrow 1 = (2)^2 - 2(2) + b \Rightarrow \underline{\underline{b = 0}}$$

$$\left\{ \begin{array}{l} a + 2b = -2 + 2(0) = \underline{\underline{-2}} \end{array} \right.$$