

$$|\operatorname{ctg}x| \geq \sqrt{3}$$
$$\operatorname{ctg}x \geq \sqrt{3}$$
$$\operatorname{ctg}x \leq -\sqrt{3}$$

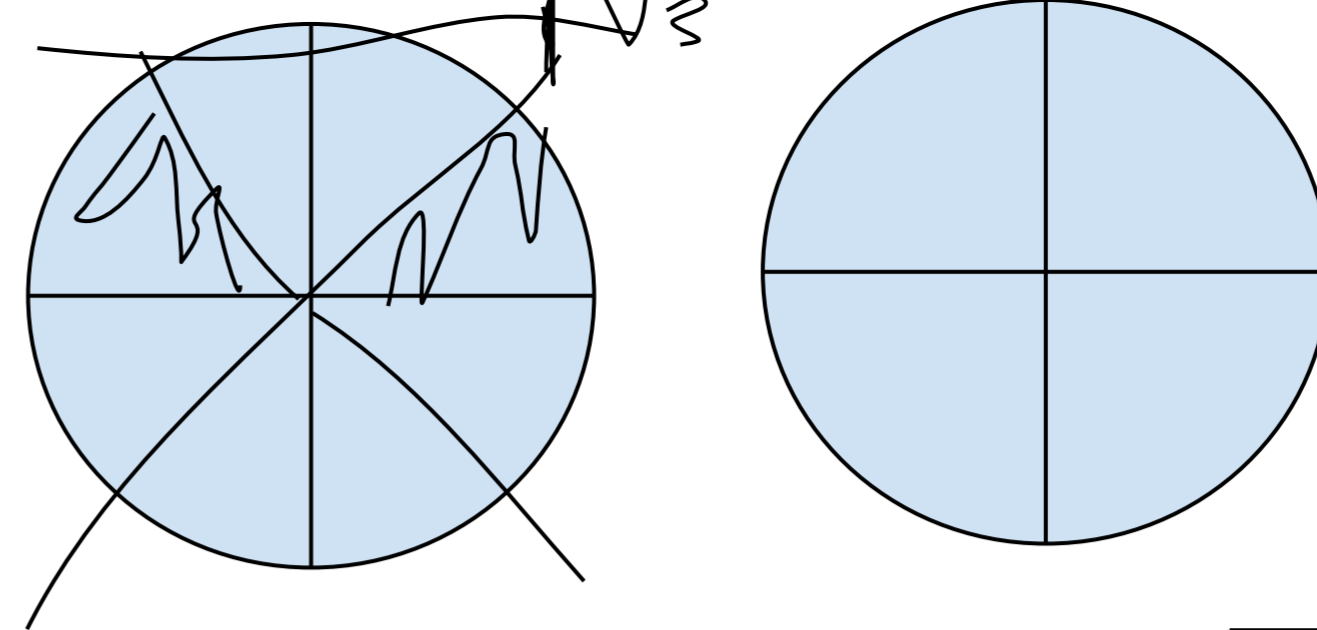
$$x \in [5\pi/6 + \pi k; \pi + \pi k) \cup (\pi k; \pi/6 + \pi k]$$

$$V(\arcsin x) = x^2 - 5x + 6$$

$$x^2 - 5x + 6 \geq 0 \quad (-\infty; 2] \cup [3; +\infty)$$

и

$$-1 \leq x \leq 1$$



### ПРОСТЕЙШИЕ НЕРАВЕНСТВА 04

$$|\operatorname{ctg}x| \geq \sqrt{3}$$

$$V(\arcsin x) = x^2 - 5x + 6$$