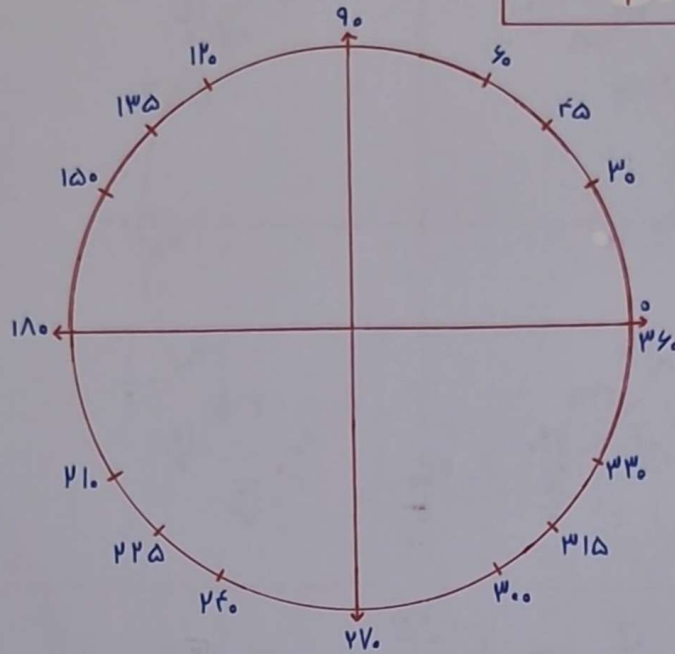
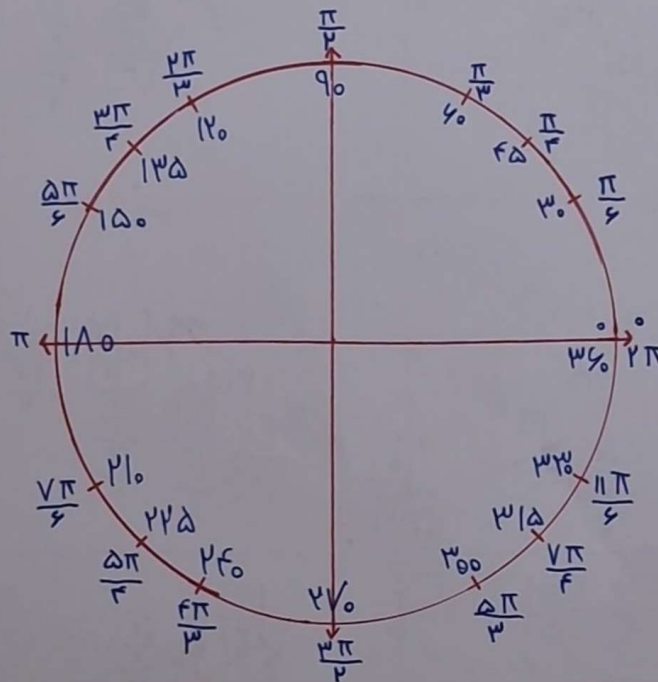


☆ تمامی دایره‌ها با شعاع ۱ واحد رسم شده‌اند.

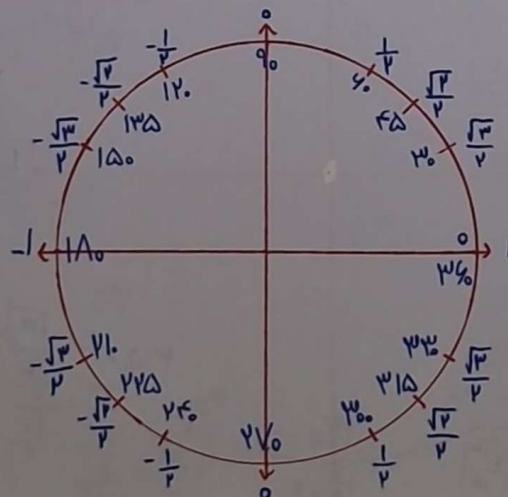
سوال یک



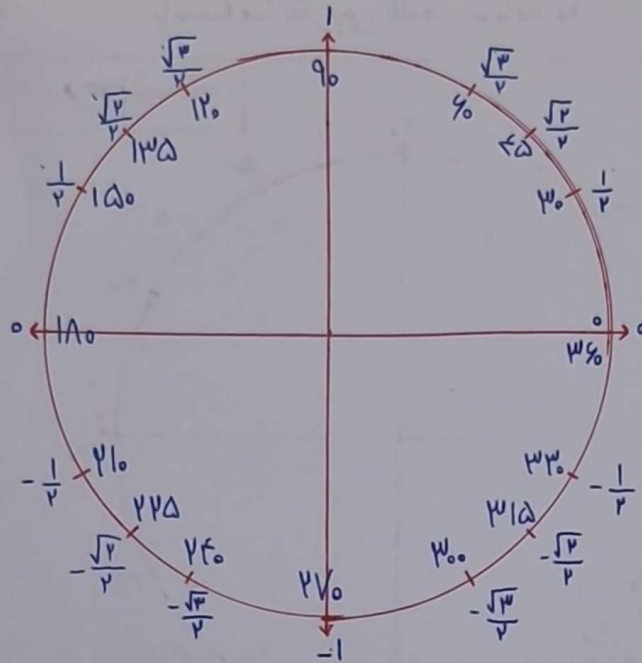
سوال دو



سوال سه

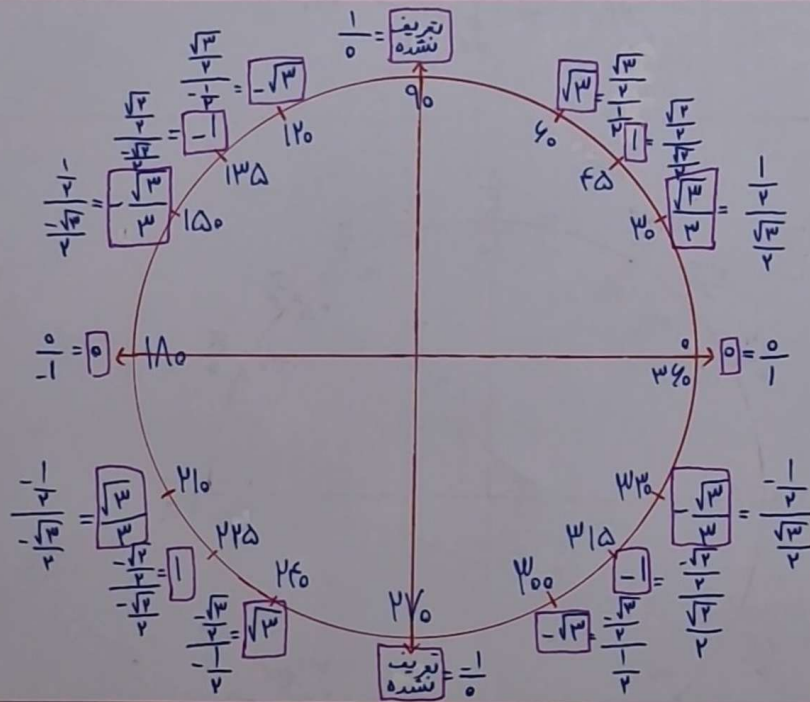


سوال چهار



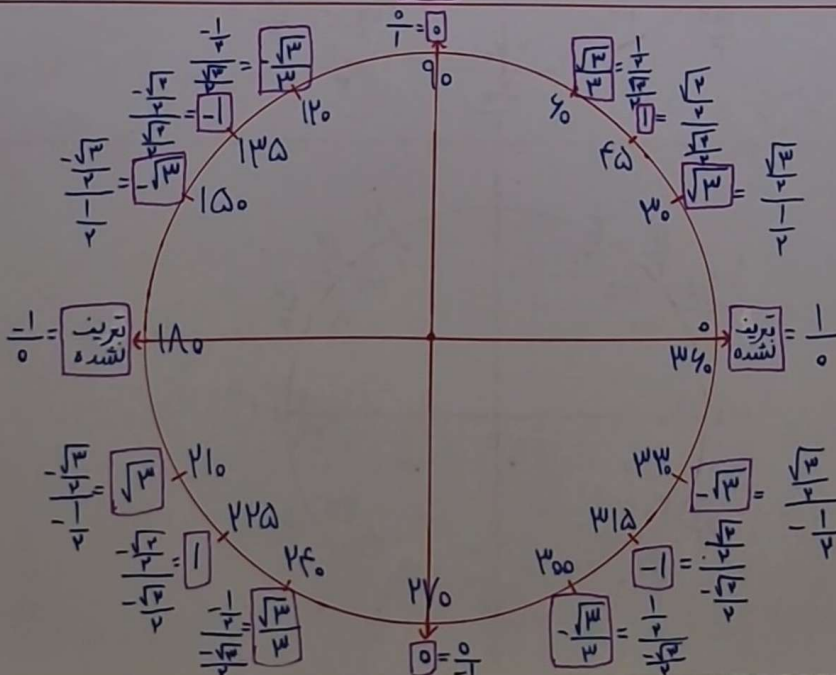
سوال پنج

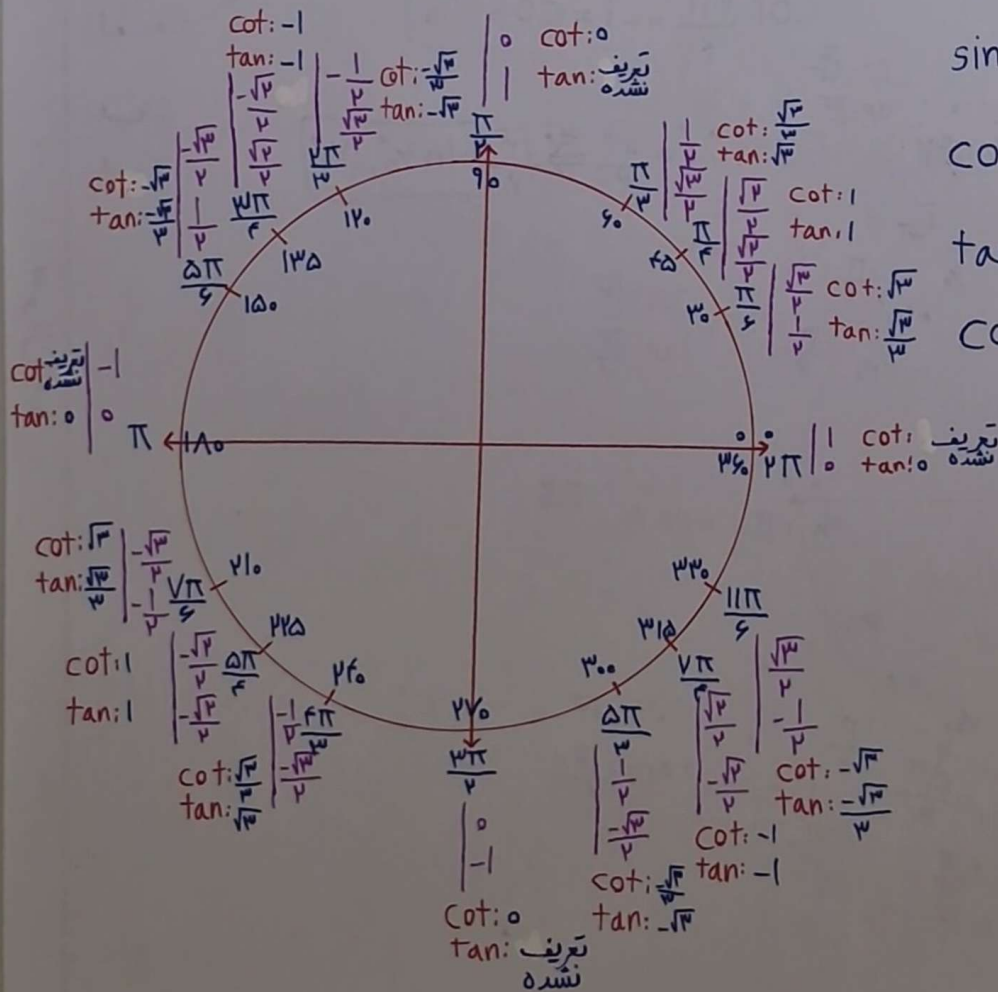
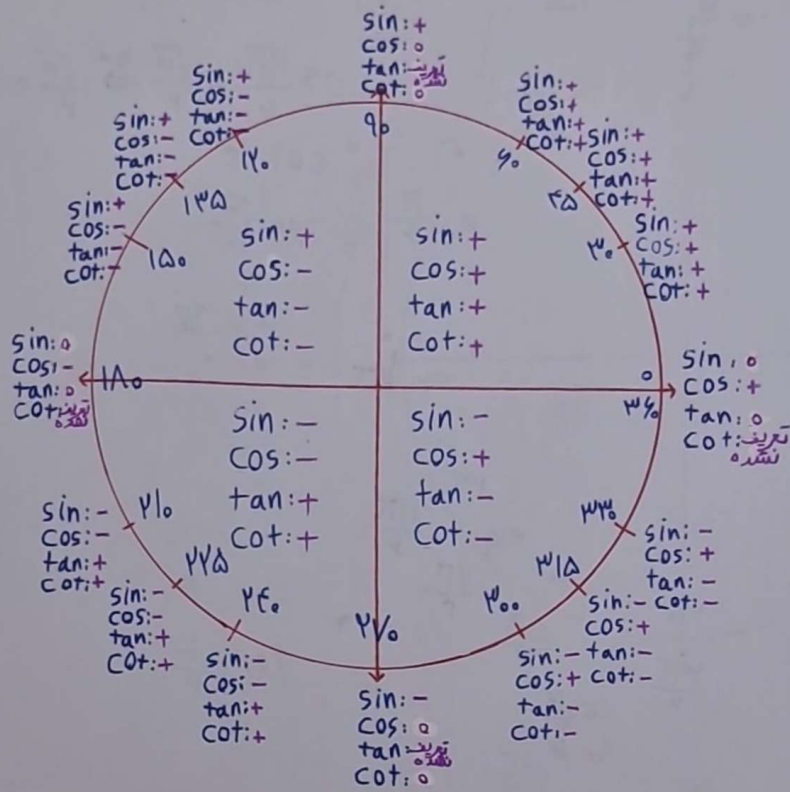
$$\tan = \frac{\sin}{\cos}$$



سوال شش

$$\cot = \frac{\cos}{\sin}$$



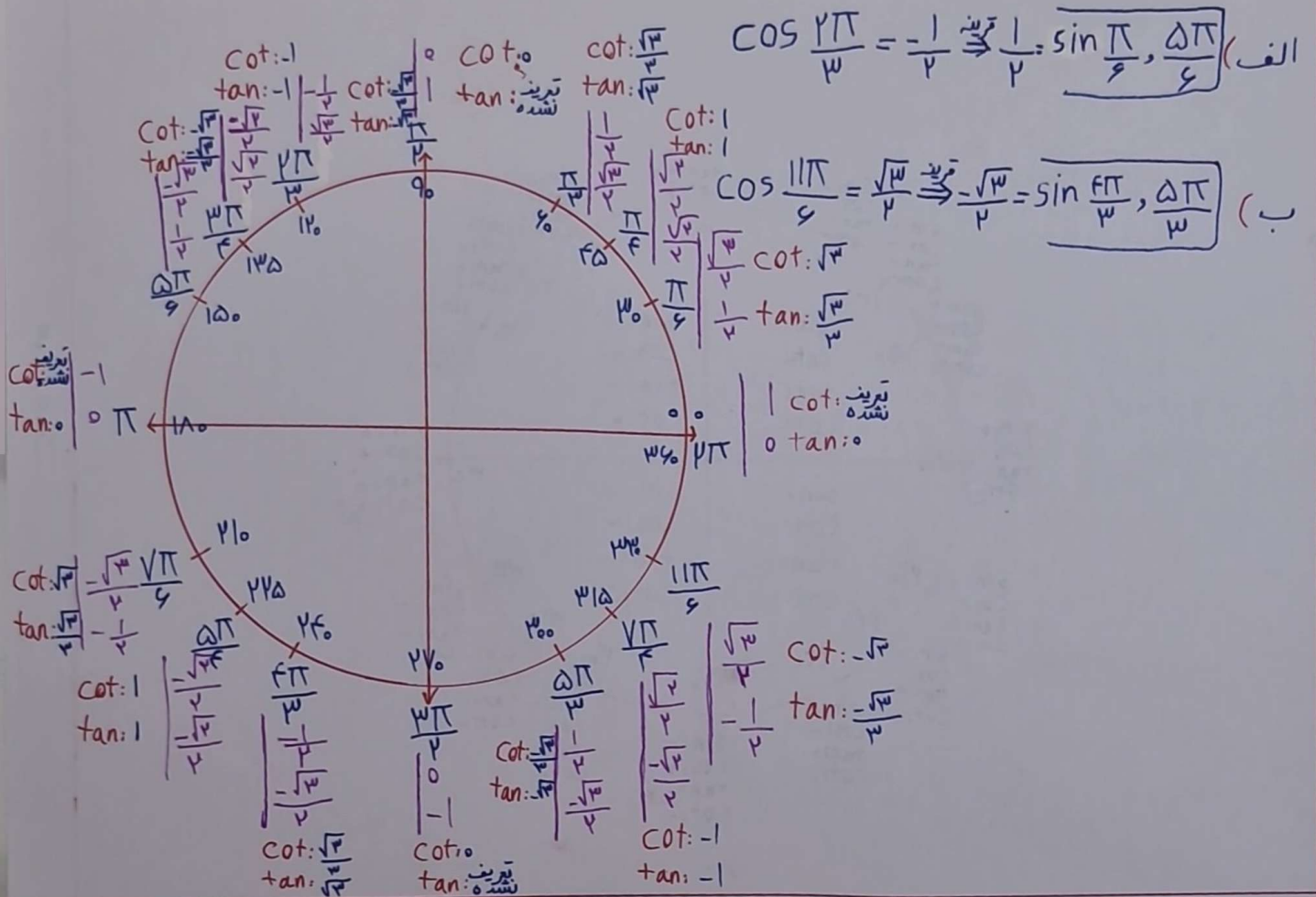


(الف) $\sin 120^\circ = \frac{\sqrt{3}}{2} = \sin 60^\circ$

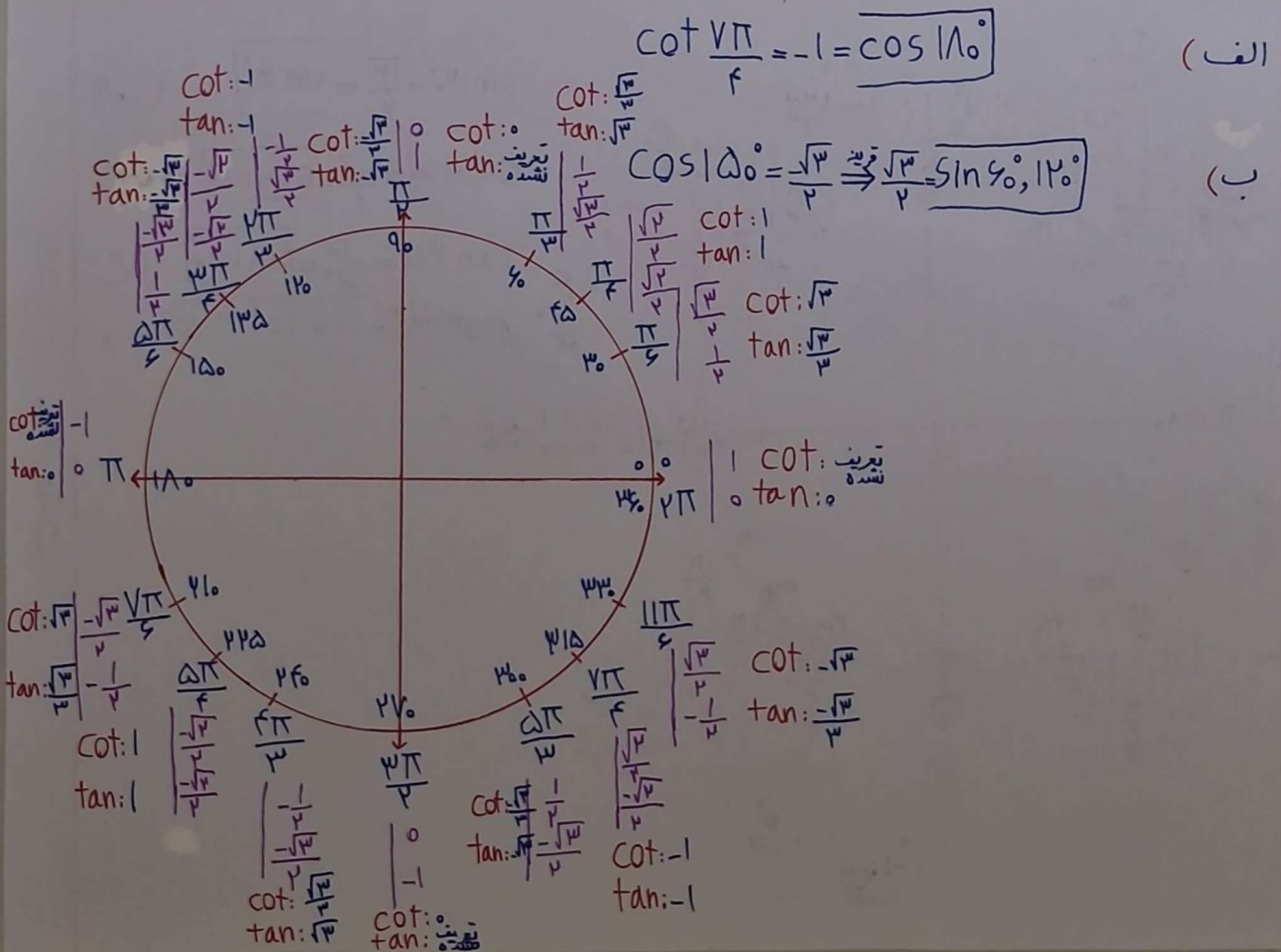
(ب) $\cos 150^\circ = -\frac{\sqrt{3}}{2} = \cos 210^\circ$

(ج) $\tan 210^\circ = \frac{\sqrt{3}}{3} = \tan 150^\circ$

(د) $\cot 135^\circ = -1 = \cot 315^\circ$



سوال ۵



سوال ۵