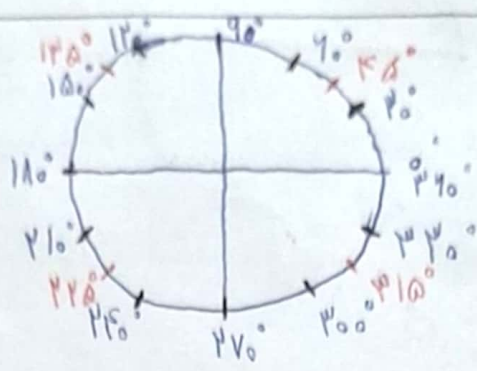
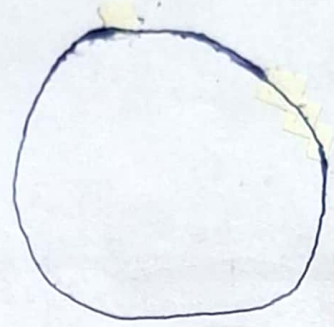
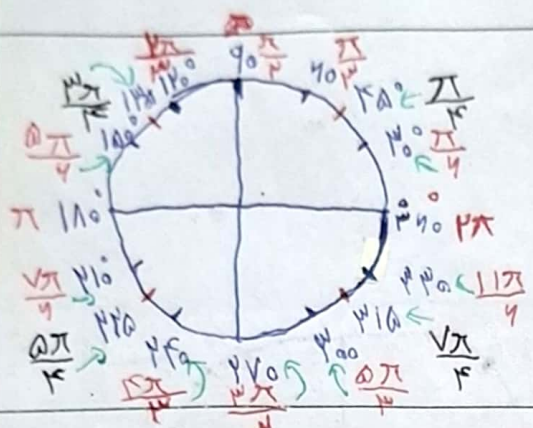


نام و نام خانوادگی: پاسخنامه تشریحی تکلیف شماره ۲ کلاس: A دهه:



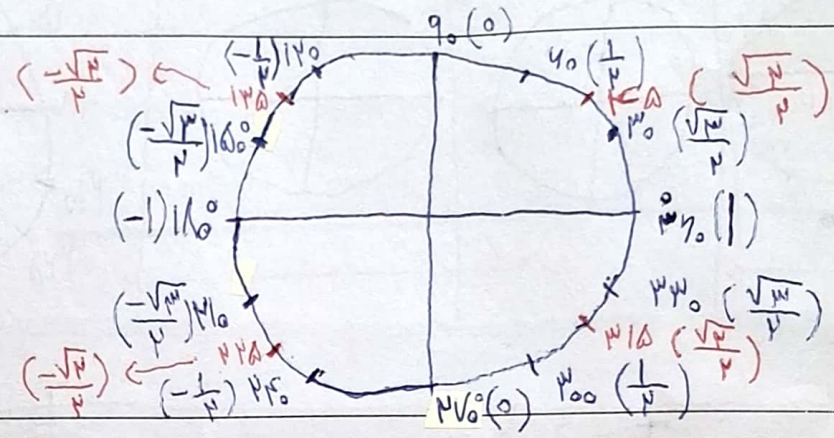
۱

اولی



۲

دویم

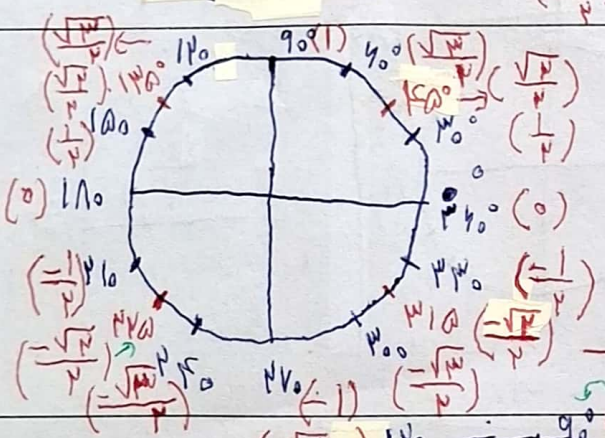


۳

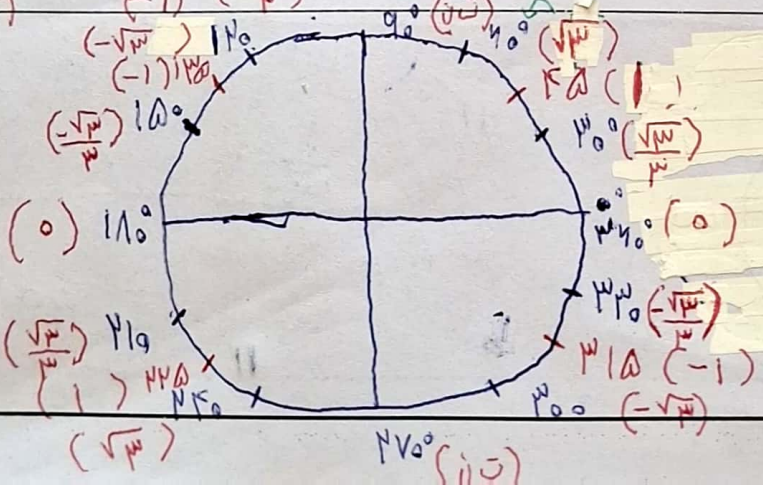
cos

sin

۴

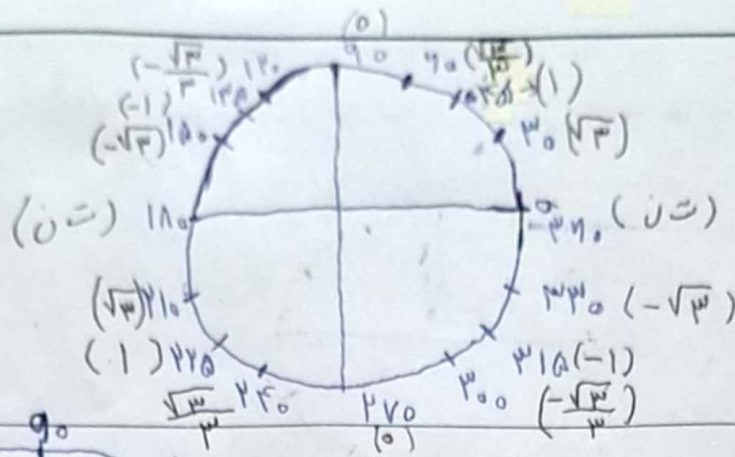


$-\frac{\sqrt{2}}{2}$



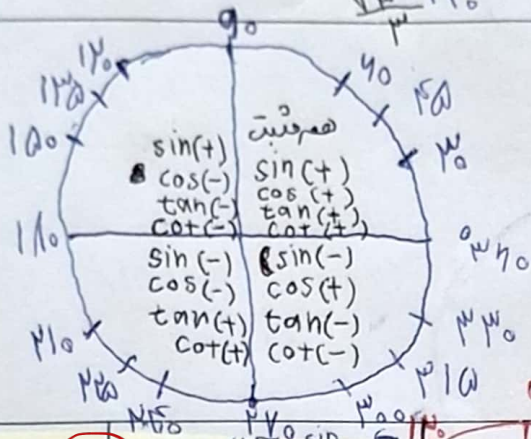
tan

۵

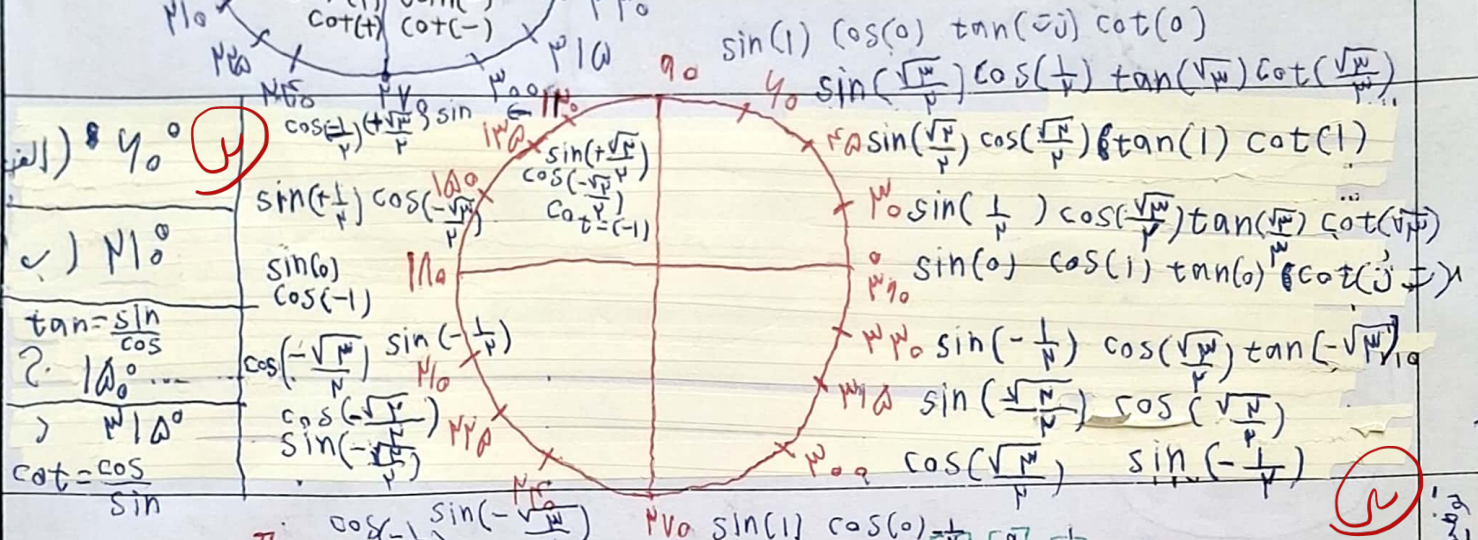


cot

5



5



الف) 40°

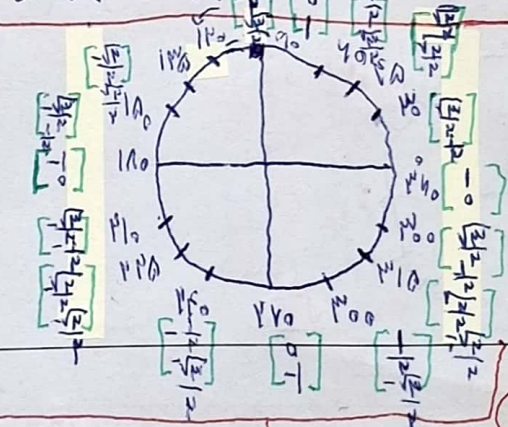
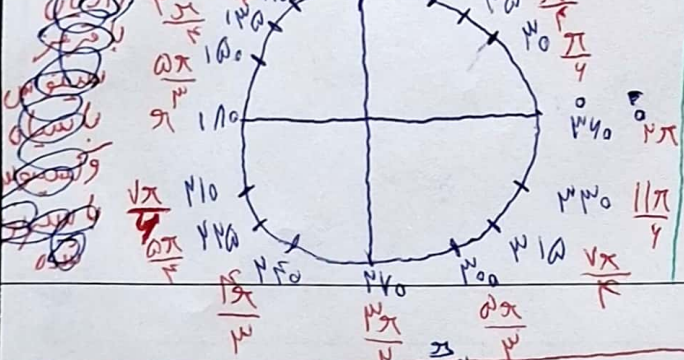
ب) 110°

tan = sin / cos

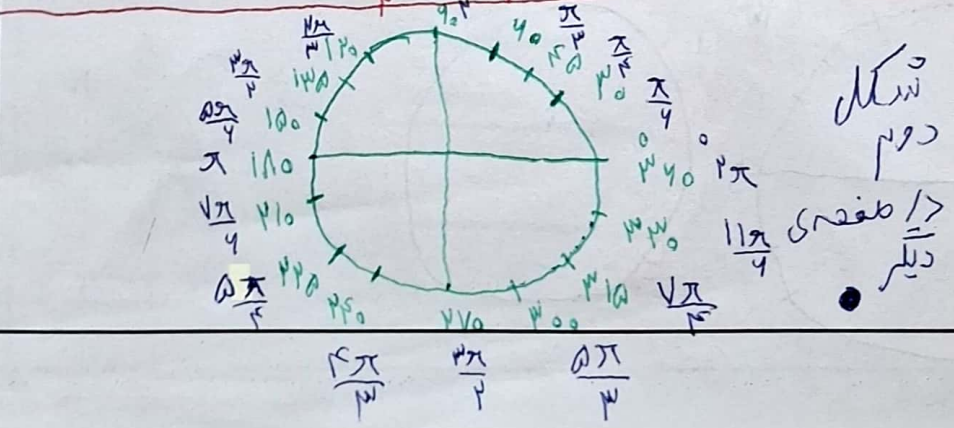
2. 100°

3. 110°

cot = cos / sin



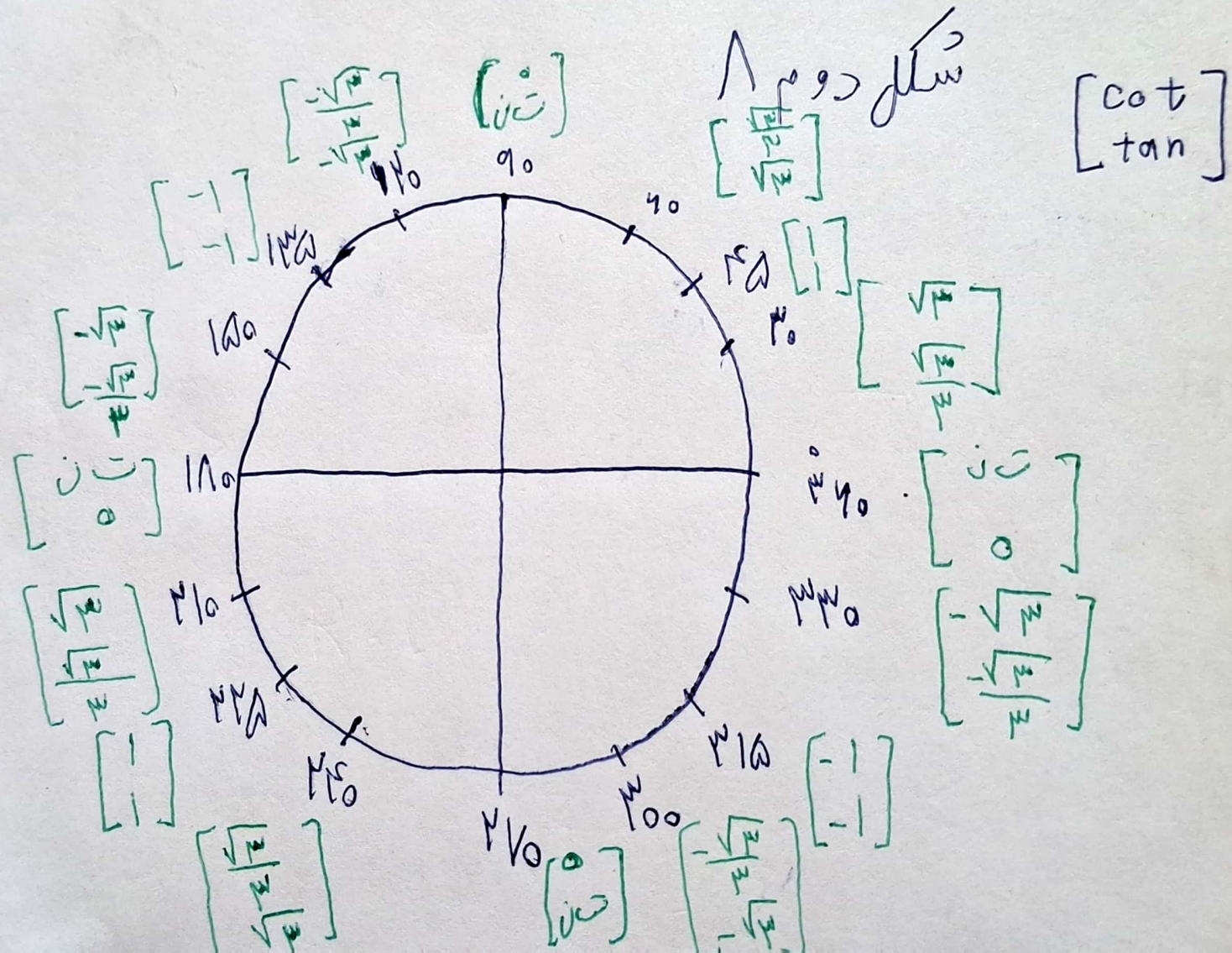
الف) طبق شکل
490°
ب) طبق شکل
490°

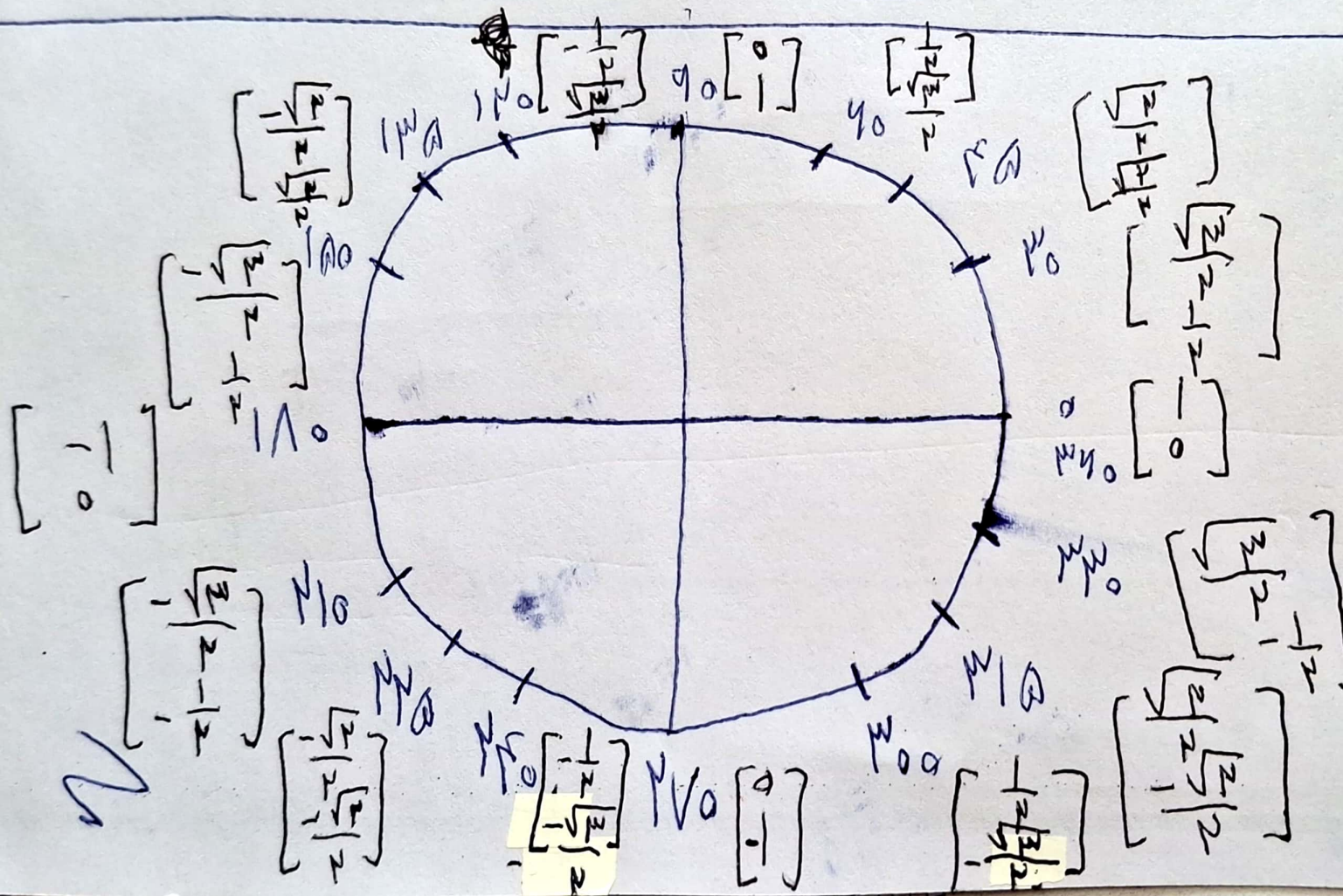


الف) 110°
cot = cos / sin ⇒ cot 110° = -1
cos 110° = -1

sin 40° = √3/2
sin 110° = √3/2

شکل دوم سوال 8 / طبق شکل





سنگل دویم
سوال 10

$$\begin{bmatrix} \cos \\ \sin \end{bmatrix}$$

الف $\frac{N\pi}{M} \rightarrow N_0^\circ$ $-\cos(N_0) = \frac{1}{N}$

$N_0^\circ \rightarrow \frac{\pi}{4}$ $\sin(N_0) = \frac{1}{N}$ $\sin(15^\circ) = \frac{1}{N}$
 $15^\circ \rightarrow \frac{5\pi}{4}$

ب $\frac{11\pi}{4} \rightarrow N_0^\circ - \sin(N_0) = -\frac{\sqrt{N}}{N}$

$-\frac{\sqrt{N}}{N} = \sin(N_0) = \sin(N_0)$
 $N_0 \rightarrow \frac{\pi}{4}$ $N_0 \rightarrow \frac{5\pi}{4}$

توضیح بیشتر قسمت الف و سوال 9