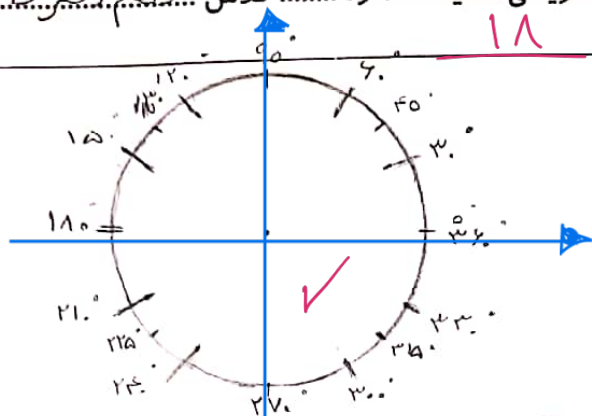
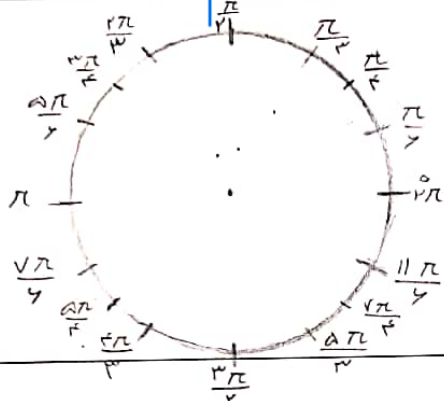


نام و نام خانوادگی آریا پاسخنامه تشریحی تکلیف شماره ۲ کلاس دهم دفتر B

باید محورهای مقدماتی را رسم کنی!

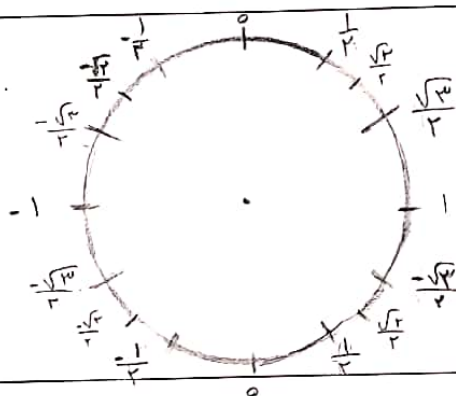


۱,۷۵



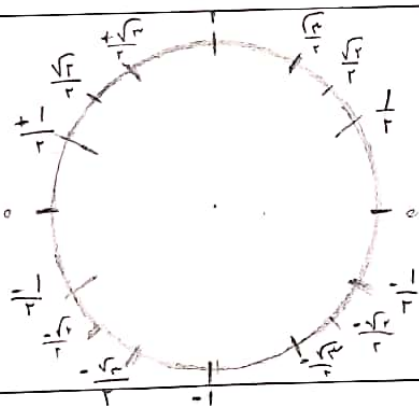
محور

۱,۷۵



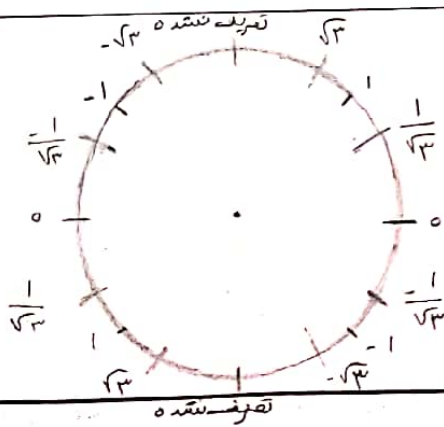
محور

۱,۷۵



محور

۱,۷۵

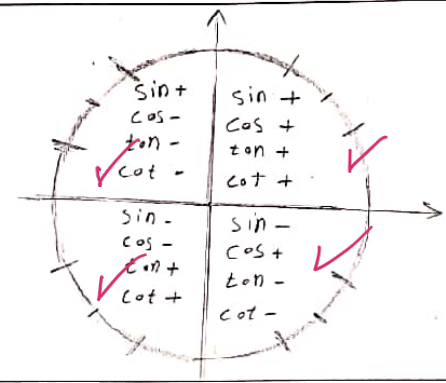
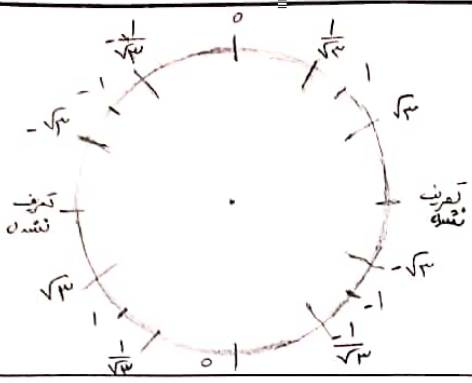


محور

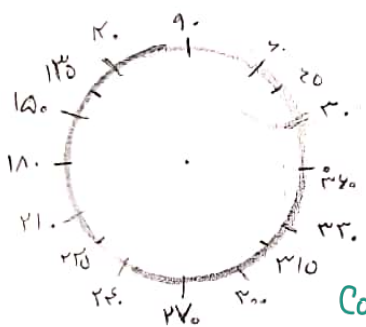
۱,۷۵

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١٧٨



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الف) 60° ✓ 18°

ب) 210° ✓ 15°

ج) 150° ✓ 15°

د) 315° ✓ 135°

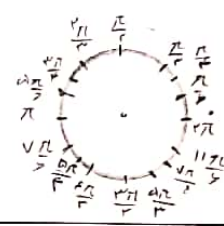
$$\cot 135^\circ = -1 \rightarrow \cot \theta = -1 \rightarrow \theta = 315^\circ$$

١٧٨

$$\cos \frac{2\pi}{3} = -\frac{1}{2} \rightarrow \frac{1}{2} \Rightarrow \sin \left\{ \frac{\pi}{6}, \frac{5\pi}{6} \right\} = \frac{1}{2}$$

الف) $\frac{5\pi}{6}$ و $\frac{\pi}{6}$ ✓

$$\cos \frac{11\pi}{6} = \frac{\sqrt{3}}{2} \rightarrow \frac{\sqrt{3}}{2} \Rightarrow \sin \left\{ \frac{2\pi}{3}, \frac{4\pi}{3} \right\} = \frac{\sqrt{3}}{2}$$



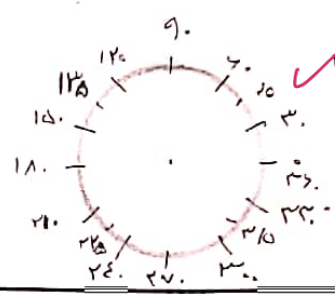
ب) $\frac{4\pi}{3}$ و $\frac{2\pi}{3}$ ✓

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$$\cot \frac{\sqrt{3}\pi}{2} = -1 \Rightarrow \cos 120^\circ = -\frac{1}{2}$$

الف) 120° ✓

$$\cos 120^\circ = -\frac{1}{2} \rightarrow \frac{\sqrt{3}}{2} = \sin 60^\circ, 120^\circ$$



ب) 120° و 60° ✓

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