

نام و نام خانوادگی

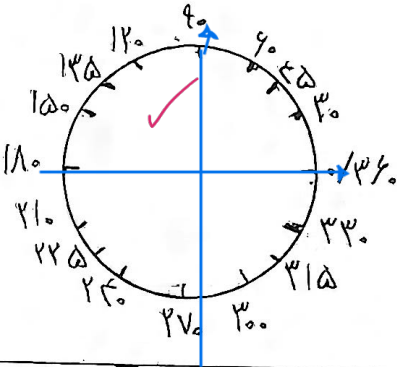
پاسخنامه تشریحی تکلیف شماره ۲

۱۸/۵

کلاس دهم دختر B

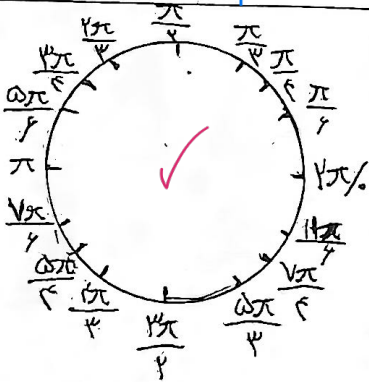
باید محورهای مقفات را رسم کن!

۱,۷۵



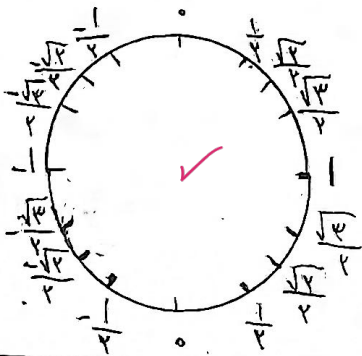
محور

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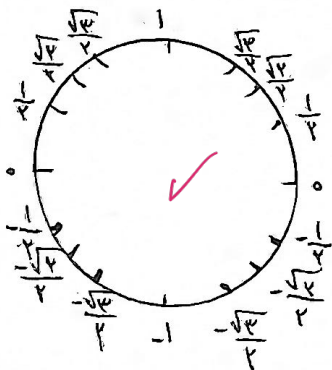
محور

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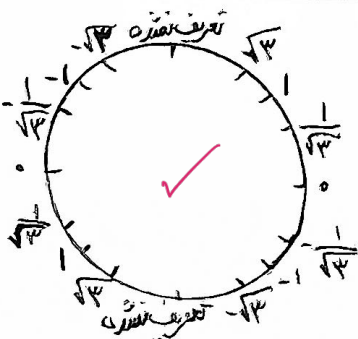
محور

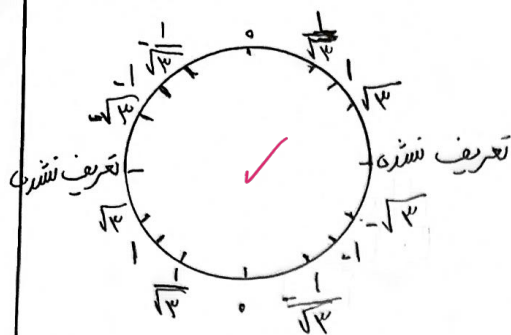
۱,۷۵



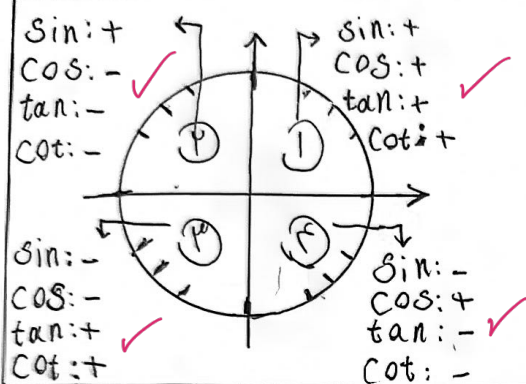
محور

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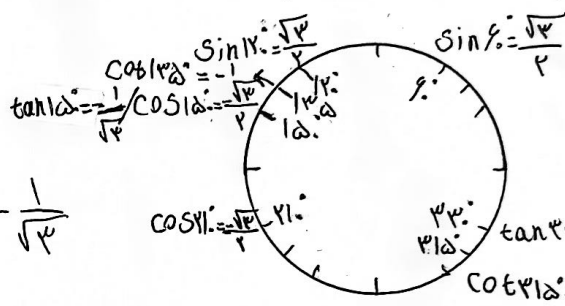


$$\sin 15^\circ = \frac{\sqrt{3}}{2} \Rightarrow \sin 75^\circ = \frac{\sqrt{3}}{2}$$

$$\cos 15^\circ = -\frac{\sqrt{3}}{2} \Rightarrow \cos 75^\circ = -\frac{\sqrt{3}}{2}$$

$$\tan 15^\circ = \frac{1}{\sqrt{3}} \Rightarrow \tan 75^\circ = \sqrt{3}$$

$$\cot 15^\circ = \sqrt{3} \Rightarrow \cot 75^\circ = \frac{1}{\sqrt{3}}$$



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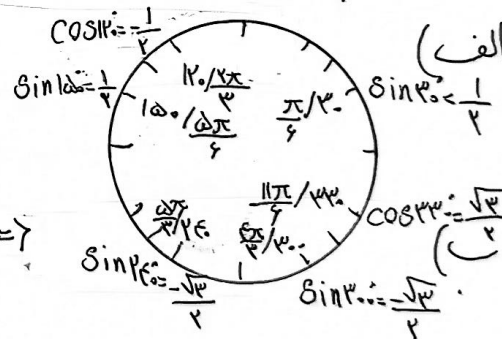
د

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

$$\sin \frac{5\pi}{6} = \sin \frac{\pi}{6} = \frac{1}{2}$$

$$\cos \frac{11\pi}{6} = \frac{\sqrt{3}}{2} \Rightarrow \sin 210^\circ = \sin 30^\circ = \frac{1}{2}$$

$$\sin \frac{4\pi}{3} = \sin \frac{2\pi}{3} = \frac{\sqrt{3}}{2}$$



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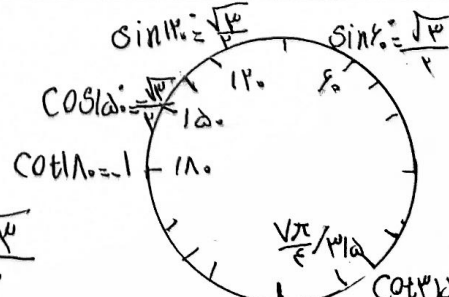
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$$\cot \frac{7\pi}{6} = \cot 210^\circ = -\frac{1}{\sqrt{3}} \Rightarrow \cos 150^\circ = -\frac{\sqrt{3}}{2}$$

$$\cos 15^\circ = \frac{\sqrt{3}}{2} \Rightarrow \sin 75^\circ = \sin 15^\circ = \frac{\sqrt{3}}{2}$$



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