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پاسخنامه تشریحی تکلیف شماره ۹۹: کلاس

کاربر: ...

نام و نام خانوادگی

الف) $\frac{2\sqrt{3}}{10} = \frac{\sqrt{3}}{5} \rightarrow \frac{\sqrt{3}}{5} \cdot \pi$ ✓

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ب) $\frac{1}{10} = \frac{1}{10} \rightarrow \frac{1}{10} \cdot \pi$ ✓

ج) $\frac{1}{10} \times \frac{1}{10} = \frac{1}{100} = \frac{1}{100} \cdot \pi$ ✓

د) $\frac{1}{10} \times \frac{1}{10} = \frac{1}{100} = \frac{1}{100} \cdot \pi$ ✓

ملاحظه

الف) $\frac{1}{10} \rightarrow \frac{1}{10} \cdot \pi$ ✓

ب) $\frac{1}{10} \rightarrow \frac{1}{10} \cdot \pi$ ✓

ج) $\frac{1}{10} \rightarrow \frac{1}{10} \cdot \pi$ ✓

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الف) $\frac{1}{10} \rightarrow \frac{1}{10} \cdot \pi$ ✓

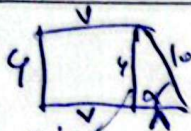
ب) $\frac{1}{10} \rightarrow \frac{1}{10} \cdot \pi$ ✓

$$\frac{3 \sin \theta - \cos \theta}{\sin \theta - \cos \theta}$$

$$\frac{\tan \theta}{\omega} \frac{\sin \theta}{\cos \theta}$$

$$\omega \cos \theta = \sin \theta$$

$$\frac{3(\omega \cos \theta) - \cos \theta}{\omega \cos \theta - \cos \theta} = \frac{3\omega \cos \theta - \cos \theta}{\cos \theta (\omega - 1)} = \frac{3\omega - 1}{\omega - 1} = 1.5 \checkmark$$

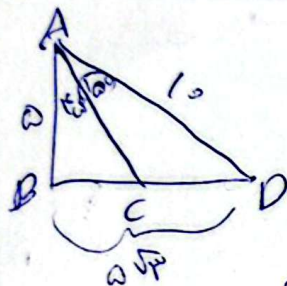


$$1.2 = \frac{4}{10} + \frac{8}{10}$$

$$\sin \alpha = \frac{4}{10}$$

$$10 + 7 + 4 + 7 + 8 = 36 \checkmark$$

بابت
کوتاہیہ



$$\omega + \omega = 20^\circ$$

$$\sin 40^\circ = \frac{\sqrt{3}}{2} \quad \cos 40^\circ = \frac{1}{2}$$

$$\frac{\text{طول DC}}{\sin, \cos 40^\circ} = \frac{\sqrt{3}}{2}$$

$$BC = 10$$

$$\omega \sqrt{3} - \omega = \omega(\sqrt{3} - 1)$$

$$\frac{\sqrt{3}}{2} \frac{\omega}{10} = \frac{\omega}{10} \rightarrow AB$$

$$\frac{\sqrt{3}}{2} \frac{\omega}{10} = \frac{\omega}{10} \rightarrow AC$$

$$\begin{aligned} \cos \downarrow \sin \uparrow &\leftarrow \text{دولت} \\ \cos \downarrow \sin \downarrow &\leftarrow \text{دولت} \\ \cos \uparrow \sin \downarrow &\leftarrow \text{دولت} \\ \cos \uparrow \sin \uparrow &\leftarrow \text{دولت} \end{aligned}$$

$$\text{الف ()}$$

$$\text{ب ()}$$

$$\sin \frac{1}{10} \leftarrow \frac{1}{10}$$

$$\frac{3 \sin \alpha \cos \alpha}{\cos} = \frac{1}{10} \leftarrow \tan \alpha = \frac{1}{10}$$

$$\frac{1}{10} = \frac{1}{10}$$

$$\sin \alpha + \cos \alpha = 1 \rightarrow \sin \alpha + \frac{1}{10} = 1$$

$$\sin \alpha = \frac{1}{10}$$

$$\sin \alpha = \frac{1}{10} \leftarrow 1 = 10 \sin \alpha$$