

DATE / /

Subject:

P.O.

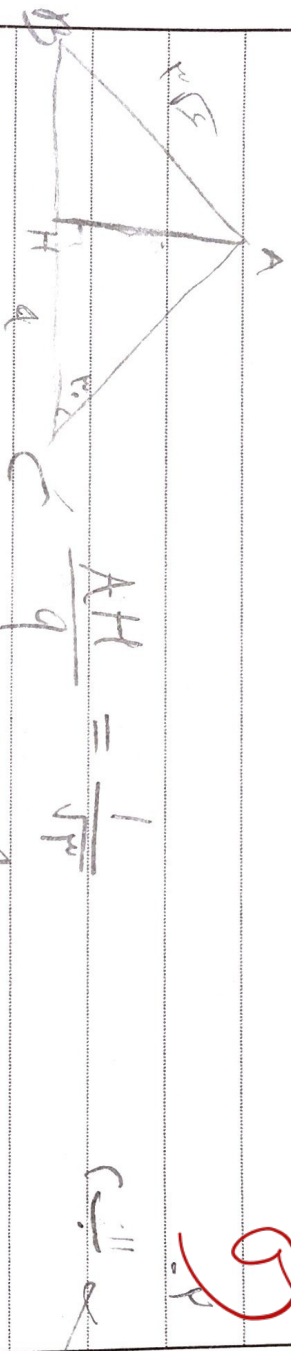
المستأجر

$$\left(\frac{\sqrt{2}}{2} - \frac{\sqrt{2}}{2}\right) \left(\frac{\sqrt{2}}{2} - \left(-\frac{\sqrt{2}}{2}\right)\right) = \left(\frac{\sqrt{2}}{2}\right)^2 - \left(\frac{\sqrt{2}}{2}\right)^2$$

$$\frac{1}{2} - \frac{\sqrt{2}}{2} = -\frac{1}{2}$$

$$1 + \sqrt{2} \times \left(\frac{1}{\sqrt{2}}\right)^2 = 1 + \sqrt{2} \times \frac{1}{2}$$

$$\frac{1 + \sqrt{2} \times \frac{1}{2}}{\sqrt{2} \times \left(\frac{\sqrt{2}}{2}\right)^2 + 1 \times \left(\frac{\sqrt{2}}{2}\right)^2} = \frac{1 + \frac{\sqrt{2}}{2}}{\frac{2}{2} + \frac{2}{2}} = \frac{1 + \frac{\sqrt{2}}{2}}{2} = \frac{1}{2}$$



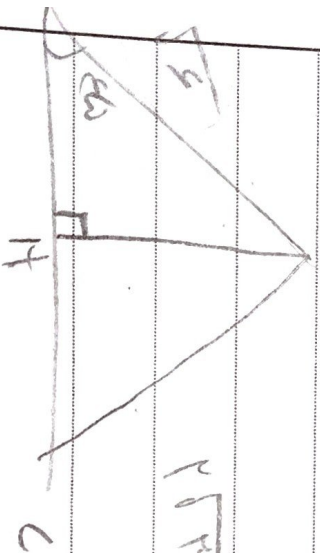
$$\frac{AH}{q} = \frac{1}{\sqrt{2}}$$

$$AH = \frac{q}{\sqrt{2}}$$

$$\sin B = \frac{q}{\sqrt{2}} = \frac{\frac{q}{\sqrt{2}}}{\sqrt{2}} = \frac{q}{2} \Rightarrow \frac{q}{2} = \frac{\sqrt{2}}{2} \Rightarrow q = \sqrt{2}$$

$$B = \boxed{45^\circ}$$

جواب



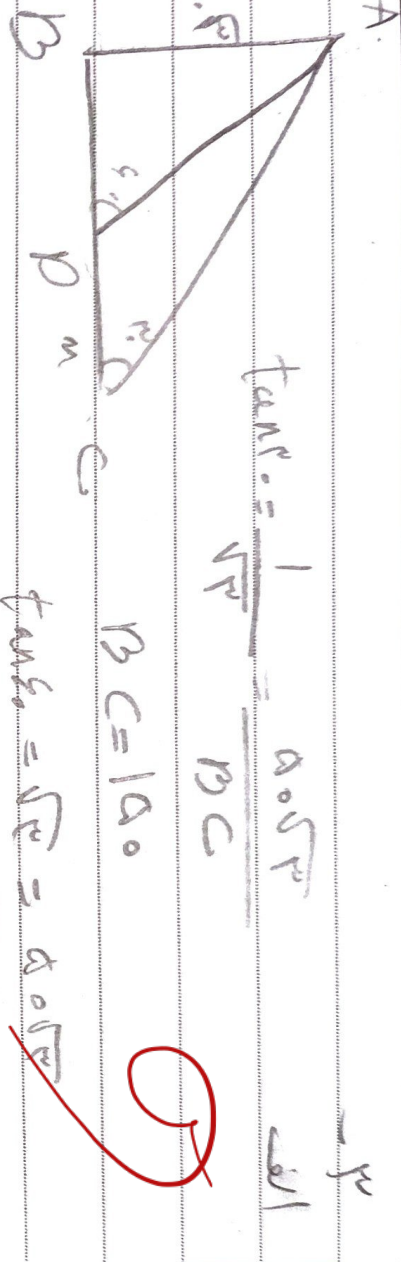
$$\sin 45^\circ = \frac{AH}{AC} = \frac{1}{\sqrt{2}} \Rightarrow AH = \frac{\sqrt{2}}{2}$$

$$\left(\sqrt{2}\right)^2 - \left(\frac{\sqrt{2}}{2}\right)^2 =$$

$$2 - \frac{2}{4} = 9 \Rightarrow HIC^2$$

Arman

H.C. = 3

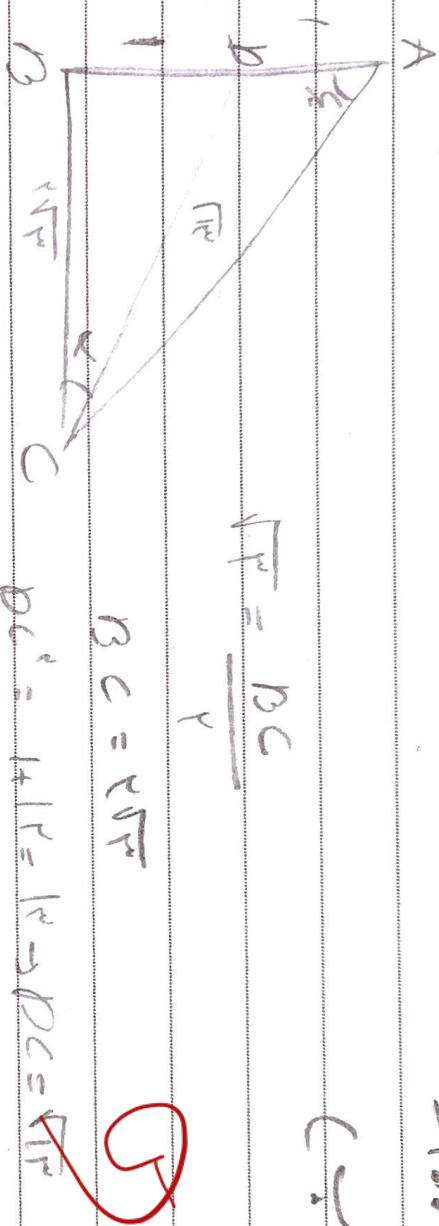


$$\tan \theta = \frac{1}{\sqrt{3}} = \frac{AO \sqrt{3}}{BC}$$

$$BC = 1 \text{ A.O.}$$

$$\tan \theta = \sqrt{3} = \frac{AO \sqrt{3}}{BC}$$

$$BC = AO \Rightarrow \theta = 120^\circ \Rightarrow \theta = 120^\circ$$



$$\sqrt{3} = \frac{BC}{1}$$

$$BC = \sqrt{3}$$

$$BC^2 = 1 + 1 = 2 \Rightarrow BC = \sqrt{2}$$

$$\sin \theta = \frac{1}{\sqrt{2}}$$

$$\theta = 45^\circ \text{ A.O.}$$

$$1 \text{ A.O.} = 1 \text{ A.O.}$$

$$AC = \frac{CB}{\sin A} = \frac{AB}{\sin C}$$

$$1 \text{ A.O.} \sin B = \frac{1 \text{ A.O.} \sin C}{\sin A}$$

$$\frac{AC}{1} = \frac{BC}{\sin A} = \frac{AB}{\sin C}$$

$$\left[\frac{\sqrt{3} + \sqrt{2} - \sqrt{3} + \sqrt{2}}{2} \right]$$

$$\frac{AB}{AC} = \frac{\sin A}{\sin C} = \sin 90^\circ \cos 45^\circ \sin 45^\circ \cos 90^\circ = \frac{1}{2}$$

$$\frac{\frac{1}{r} \times r \times \epsilon \times \sin \theta_1}{\frac{1}{r} \times r \times \epsilon \times \sin \theta_2} = \frac{A}{1r} = \frac{\epsilon}{a}$$

$$r \times \epsilon \times \sin \theta_1 = \epsilon \sqrt{\frac{r}{a}}$$

$$\frac{1}{r} \times r \times \epsilon \times \sqrt{\frac{r}{a}} = r \sqrt{\frac{r}{a}}$$

$$y = a \tan \theta \quad a = \tan \alpha = \Delta g \left| \cos \frac{1}{\sqrt{a}} \right|$$

$$\frac{\epsilon}{r} = \frac{r}{\epsilon} = \frac{1}{r} \rightarrow 1 + \tan^2 \theta = \frac{1}{\cos^2 \theta} \quad 1 + \frac{1}{\epsilon} = \frac{1}{\cos^2 \theta} \quad \frac{1}{\epsilon} = \frac{1}{\cos^2 \theta} \quad \frac{1}{\epsilon} = \frac{1}{\cos^2 \theta}$$

$$r g = r m + a \frac{1}{r} \rightarrow g = m + \frac{a}{r} \Rightarrow m = 1$$

$$\tan \theta = 1 \Rightarrow \theta = \epsilon a$$

$$y = m x + b \Rightarrow m = \tan \theta = -\sqrt{r}$$

$$\frac{a}{r} = -\sqrt{r} \cdot \cos \theta + b \rightarrow b = \frac{a}{r}$$

$$m b = \frac{a}{r} \cdot (-\sqrt{r})$$

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$$f(x) = -\cos x + \cos x + \cot x = \cot x - 1$$

$$\cot 190^\circ = -\sqrt{e}$$

B

$$\cos x + \sin x = -1$$

D

$$-\cos x + \sin x$$