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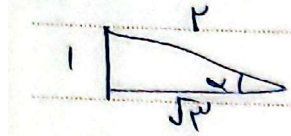
$S_{\square} = \sin 30^\circ \times 2a \times 3a = 6 \Rightarrow a = 3\sqrt{2} \longrightarrow P_{\square} = 10a = 30\sqrt{2}$ ـ ۱

$\frac{1}{2} \times 6 \times V_x \sin A - \frac{1}{2} \times 8 \times V_x \sin A = 6V_0 \quad \sin A = \frac{1}{3}$ ـ ۲

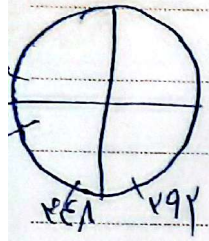


$\tan A = \frac{\sqrt{8}}{3}$

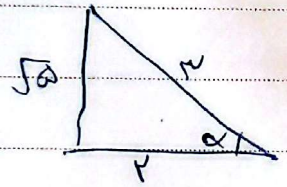
$\frac{|\sin\alpha|}{\cos\alpha} = \frac{-\sin\alpha}{\cos\alpha} \longrightarrow \sin\alpha < 0 \quad \frac{1}{|\cos\alpha|} - \frac{1+\sin\alpha}{|\cos\alpha|} = \frac{\sin\alpha}{\cos\alpha}$ ـ ۳

$\cos\alpha < 0 \leftarrow \frac{\sin\alpha}{-|\cos\alpha|} = \frac{\sin\alpha}{\cos\alpha}$

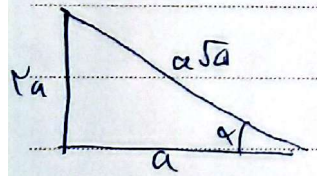
$m = \frac{1/\alpha}{2} = \frac{3}{4} \rightarrow \tan\alpha = -\frac{3}{4} \quad \tan\left(\frac{\pi}{2} - \alpha\right) = \cot\alpha = \frac{-4}{3}$ ـ ۴



$\cos 29^\circ = n \qquad \frac{-3m - 2m}{-n - n} = \frac{\alpha}{2}$ ـ ۵



$\frac{\cos\alpha + \sin\alpha}{|1 + \tan^2\alpha - 1|} = \frac{\frac{2}{3} - \frac{\sqrt{\alpha}}{2}}{\frac{1}{4}} = \frac{4\left(\frac{2}{3} - \frac{\sqrt{\alpha}}{2}\right)}{3}$ ـ ۶



$\cos\alpha = \frac{-a}{a\sqrt{\alpha}} = \frac{-\sqrt{\alpha}}{\alpha}$ ـ ۷

ـ ۸

$\tan 60^\circ = \sqrt{3} \qquad \frac{-2m}{m^2 - 1} = \sqrt{3} \qquad \sqrt{3}m^2 - \sqrt{3} + 2m = 0$

$\frac{\sqrt{\Delta}}{|a|} = \frac{\sqrt{4 + 4 \times \sqrt{3} \times \sqrt{3}}}{\sqrt{3}} = \frac{4\sqrt{3}}{3}$

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$0 < \frac{\pi}{6} - u < \frac{\pi}{4} \rightarrow 0 < \tan\left(\frac{\pi}{6} - u\right)$ — 9

$0 < \frac{1-m}{2+m} \quad \frac{-2}{-\frac{1}{3}+\frac{1}{3}} \longrightarrow -2 < m < 1$ — 9

— 10.

$-\sqrt{2} \times -\frac{\sqrt{2}}{2} + -\sqrt{2} \times \frac{+\sqrt{2}}{2} = 0$ — 5