

Calcium-L-Methylfolate

مُسَبِّبِ

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

$$\frac{2}{4} - \frac{2}{4} = \boxed{-\frac{1}{2}}$$

$$\rightarrow \frac{1 + 3 \times \left(\frac{\sqrt{2}}{2} \right)^2}{4 \times \left(\frac{\sqrt{2}}{2} \right)^2 + 2 \times \left(-\frac{\sqrt{2}}{2} \right)^2} = \frac{\frac{2}{4}}{\frac{4}{4}} = \boxed{\frac{1}{2}}$$

$$(الث) AH = \frac{\sqrt{12}}{4}$$

$$\frac{\sqrt{2}}{4} \times \sqrt{4} = \frac{\sqrt{12}}{4} \cdot \frac{\sqrt{2}}{2}$$

$$AC - AH^2 = CH^2$$

$$(2\sqrt{3})^2 - \left(\frac{\sqrt{12}}{4} \right)^2 = 12 - \frac{12}{16} = 9 \quad \boxed{CH = 3}$$

$$\rightarrow A_1 = 9 \quad AC = 9\sqrt{3}$$

$$\frac{\sqrt{3}}{4} AC = 9$$

$$\frac{9\sqrt{3}}{4} \cdot \frac{9\sqrt{3}}{4} = 9 \cdot \frac{27}{16} = \boxed{\frac{243}{16}}$$

$$\frac{2\sqrt{9}}{\frac{1}{4}} = \frac{9\sqrt{3}}{\sin \beta} \Rightarrow \sin \beta = \frac{\sqrt{3}}{\frac{1}{4}} \Rightarrow \boxed{\beta = 60^\circ}$$

$$\text{محلع رو ب زاویه زاویه } \frac{\sqrt{3}}{2} \text{ درجات} \quad \text{محلع رو ب زاویه زاویه } \frac{3}{2} \text{ درجات}$$

$$AC^2 = AB^2 + BC^2 - 2AB \cdot BC \cdot \cos 60^\circ \Rightarrow BC = 10^\circ$$

$$\Delta BAD \sim \Delta = \text{محلع رو ب زاویه زاویه } \frac{3}{2} \text{ درجات} \Rightarrow BD = 10^\circ$$

$$BC - BD = 20 \Rightarrow 10^\circ - 10^\circ = \boxed{10^\circ - 20^\circ}$$

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$$CD^2 = 10^2 + 1^2 \rightarrow CD = \sqrt{101}$$

$$\frac{BD}{DC} = \frac{1}{\sqrt{101}} \times \frac{\sqrt{101}}{10} \sin \alpha$$

$$\beta = 180^\circ - (\alpha + 10^\circ) = 170^\circ \quad (15)$$

$$\frac{c}{b} = \frac{\sin C}{\sin B} \rightsquigarrow \frac{c}{b} = \frac{\sin 170^\circ}{\sin 10^\circ} = \boxed{1.9}$$

$$\sin(90^\circ + 4\alpha) = \sin 4\alpha \times \cos 90^\circ + \sin 90^\circ \times \cos 4\alpha$$

$$\sin(10\alpha) = \frac{\sqrt{2}}{2} \times \frac{\sqrt{2}}{2} + \frac{\sqrt{2}}{2} \times \frac{1}{2} \cdot \frac{214 + 114}{4} = 0.99\alpha$$

$$\frac{S_{ABE}}{S_{BCD}} = \frac{\frac{1}{2}ab \sin \alpha}{\frac{1}{2}ab \sin \alpha} = \frac{r \times F}{4 \times r} = \boxed{\frac{F}{4}}$$

نحوه متساوية B_1, B_2, C و α

ال) $S = \frac{1}{2}ab \sin \alpha \quad \alpha = 45^\circ$

$$S = \frac{\sqrt{2}}{2} \times r \times F = \boxed{r\sqrt{2}}$$

$\therefore S = \frac{1}{2}ab \sin \alpha \quad \alpha = 45^\circ$

$$S = \frac{1}{2} \times r \times F \times \frac{\sqrt{2}}{2} = \boxed{r^2\sqrt{2}}$$

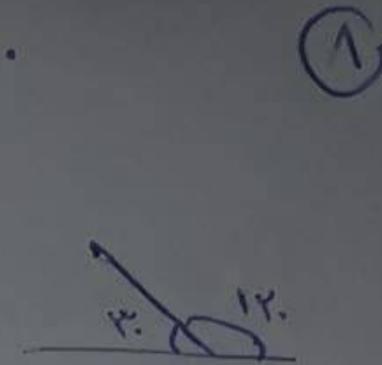
$$\frac{OQ}{PQ} = \frac{r}{r\sqrt{\omega}} = \frac{\sqrt{\omega}}{\omega}$$

(V)

$$PQ = (4 + 1) \rightarrow PQ = \sqrt{10}$$

$$y = m + \gamma_1 \delta \rightarrow \alpha \cdot \tan \alpha - 1 \rightarrow \alpha = \varepsilon \delta.$$

$$y = m n + b \quad (n_0 - (1 \cdot \omega + \varepsilon \delta)) \cdot n_0$$



$$\tan \alpha = -\sqrt{r}$$

$$y = -\sqrt{r} n + b \xrightarrow{\parallel \gamma_1 \delta} b = \gamma_1 \delta$$

$$b_m = \gamma_1 \delta \times -\sqrt{r}$$

$$f\left(\frac{\omega R}{\alpha}\right) = \cos\left(\pi + \frac{\omega R}{\alpha}\right) + \sin\left(\frac{R}{\alpha} - \frac{\omega R}{\alpha}\right) - \tan\left(\frac{R}{\alpha} + \frac{\omega R}{\alpha}\right)$$

$$= -\cos\left(\frac{\omega R}{\alpha}\right) + \cos\left(\frac{\omega R}{\alpha}\right) + \cot\left(\frac{\omega R}{\alpha}\right)$$

$$= \frac{\sqrt{\nu}}{R} - \frac{\sqrt{\nu}}{R} - \sqrt{\nu} = \boxed{-\sqrt{\nu}}$$

$$\frac{\sin\left(1\pi + \frac{\pi}{r} + n\right) + \cos\left(\sqrt{r}\pi + \frac{\pi}{r} - n\right)}{\cos\left(\sqrt{r}\pi + n\right) - \sin\left(\sqrt{r}\pi - n\right)} \quad ⑩$$

$$\text{Ans} \rightarrow \sin\left(\frac{\pi}{r} + n\right) + \cos\left(\frac{\sqrt{r}\pi}{r} - n\right)$$

$$\cos(\pi) - \sin(\pi)$$

$$2.5^\circ \rightarrow \cos\left(\sqrt{r}\pi + n\right) - \sin\left(\sqrt{r}\pi - n\right)$$

$$- \cos(n) + \sin(n)$$

→
$$\frac{\cos(n) - \sin(n)}{-(\cos(\pi) - \sin(\pi))} = -1$$