

نام

الف



$$\frac{1}{12} \times 12 = 1$$

$$9 - (12) = 63$$

$$63 \times 4 = 252$$

$$4 \times 12 + 2 \times 1 + 9 = 195^\circ$$

(1)

ب) $(\omega, \delta \times \alpha) = \mu \times \nu = 1.7$

الف



$$2 - (1) = 1$$

$$\mu \times \nu = 1$$

$$1 + 1 + 1 = 129^\circ$$

(2)

$$P = (\alpha \times \beta) - (\frac{\mu \times \nu}{12})$$

$$\alpha = \frac{\pi}{4}$$

$$h = 2 \text{ cm}$$

$$S = \frac{\pi}{2} \times \frac{1}{2} = \frac{\pi}{4} \leftarrow (3)$$

$$P = \frac{\pi}{2} \times \frac{1}{2} + \frac{1}{2} \times \frac{\pi}{2} = \frac{\pi}{2}$$

$$S = \frac{1}{2} \times \frac{\pi}{2} \times \frac{1}{2} = \frac{\pi}{8}$$

$$\omega + 0 = 1$$

$$2\omega + 0 = \frac{1}{2} \rightarrow \omega = \frac{1}{4}$$

$$\omega + 1 + \sqrt{3} = \frac{1}{4} + \sqrt{3}$$

$$1\omega + 0\sqrt{3}$$

$$\hat{B} + \hat{C} = 100^\circ \quad \hat{A} = 20^\circ \quad (4)$$

$$\frac{-\tan + \mu \tan}{-\tan + \tan} = \frac{2 \tan}{0} \rightarrow \frac{2 \tan}{0} \rightarrow \infty$$

$$\sin^2 x - \cos^2 x + 1 = \sin^2 x + 1 \cos^2 x$$

$$\omega = 2 \sin^2 x + 1 \cos^2 x$$

$$\frac{\sin^2 x + \cos^2 x + \sin^2 x \cos^2 x + \sin^2 x \cos^2 x - \sin^2 x \cos^2 x}{(\sin^2 x - \cos^2 x)(\sin^2 x + \cos^2 x)}$$

$$= \frac{2 \sin^2 x \cos^2 x}{(\sin^2 x - \cos^2 x)}$$

$$\frac{2}{\sin^2 x - \cos^2 x} = \mu$$