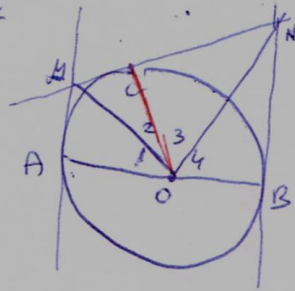


$$\frac{1.83}{6} \quad \text{ju}$$



$$\angle O_3 = \angle O_4 = \beta$$

$\mu \beta \quad \mu \text{COA}$   
 $\times \text{AOC} \quad \text{nhis} \quad \text{nhis} \quad \text{MO}$   
 $\times \theta_1 = \angle \theta_2 = \alpha$

$\mu \beta \quad \mu \text{CNO}$   
 $\times \text{COB} \quad \text{nhis} \quad \text{nhis} \quad \text{NO}$

$$\angle \text{AOB} = 180 = 2\alpha + 2\beta \rightarrow \alpha + \beta = 90^\circ \rightarrow \angle \text{MON} = 90^\circ$$

$$\underline{\text{p}} \quad \text{AM} = \text{MC}, \quad \text{NC} = \text{BN}$$

$$\text{MC} \cdot \text{NC} = \text{CO}^2 = r^2$$

ozi'pik' gaw' a'

$$\Rightarrow \text{AM} \cdot \text{BN} = r^2$$

$$\underline{\text{c}} \quad \angle C_3 = \frac{1}{2} \cdot 60^\circ = 30^\circ$$

$30^\circ, 60^\circ, 90^\circ$  nhis' h'p'  $\triangle \text{NCO}$

$$2x = 2 \text{CN} = \text{ON}$$

$$4x^2 = x^2 + 1 \rightarrow x = \frac{1}{\sqrt{3}} = \text{CN} = \text{BN}$$

$30^\circ, 60^\circ, 90^\circ$  nhis' h'p'  $\triangle \text{AMO} \leftarrow \triangle \text{AOM} = 60^\circ \leftarrow \angle \text{AOC} = 120^\circ$

$$2\text{AO} = \text{MO} = 2 \rightarrow \text{AM} = \sqrt{2-1} = \sqrt{3}$$

$$S_{\text{ABNM}} = \frac{\text{AB}(\text{AM} + \text{BN})}{2} = \frac{2(\frac{1}{\sqrt{3}} + \sqrt{3})}{2} = \frac{1+\sqrt{3}}{\sqrt{3}} = \frac{4\sqrt{3}}{3}$$