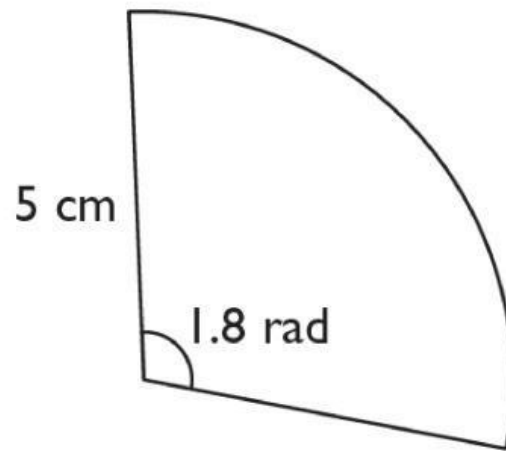
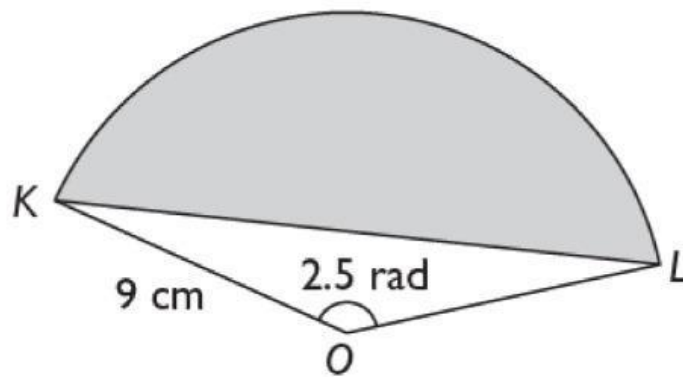


1. Tentukan panjang lengkuk s .



$$\begin{aligned}s &= 5 \times 1.8 \\ &= 9.0 \text{ cm}\end{aligned}$$

2. Cari perimeter tembereng berlorek berikut.



$$s_{KL} = 9(2.5)$$

$$= 22.5 \text{ cm}$$

$$KL^2 = 9^2 + 9^2 - 2(9)(9) \cos 2.5$$

$$= 291.785$$

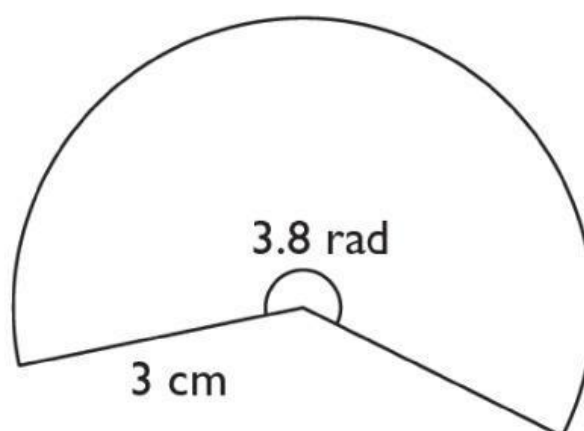
$$KL = \sqrt{291.785}$$

$$= 17.082 \text{ cm}$$

$$\text{Perimeter} = 22.5 + 17.082$$

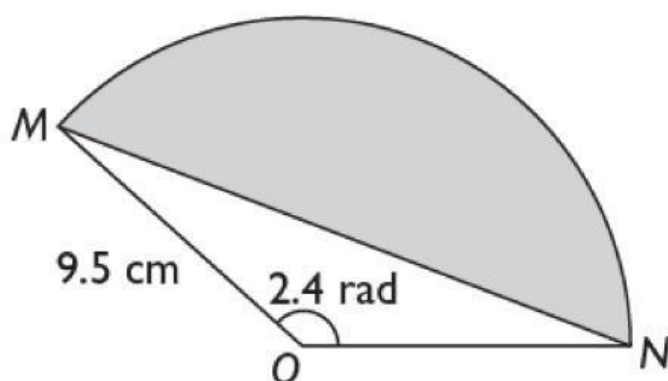
$$= 39.582 \text{ cm}$$

3. Tentukan luas, L , bagi sektor berikut.



$$\begin{aligned} L &= \frac{1}{2} \left(\boxed{3} \right)^2 \left(\boxed{3.8} \right) \\ &= \boxed{17.1} \text{ cm}^2 \end{aligned}$$

4. Cari luas rantau berlorek berikut



Luas sektor/Area of sector OPQ , A_1

$$= \frac{1}{2} \left(\boxed{9.5} \right)^2 \left(\boxed{2.4} \right)$$
$$= \boxed{108.3} \text{ cm}^2$$

Luas/Area of $\triangle OPQ$, A_2

$$= \frac{1}{2} \left(\boxed{9.5} \right)^2 \sin \left(\boxed{2.4} \right)$$
$$= \boxed{30.480} \text{ cm}^2$$

$$L = A_1 - A_2$$

$$= \boxed{108.3} - \boxed{30.480}$$
$$= \boxed{77.82} \text{ cm}^2$$