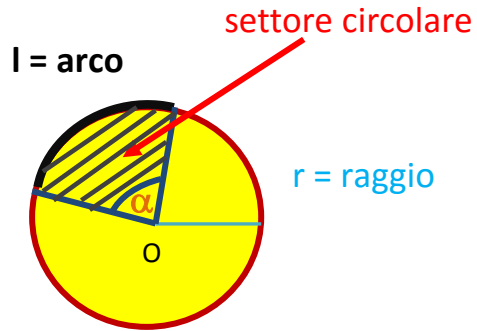


# IL CERCHIO



## Lunghezza dell'arco

$$C : l = 360^\circ : \alpha$$

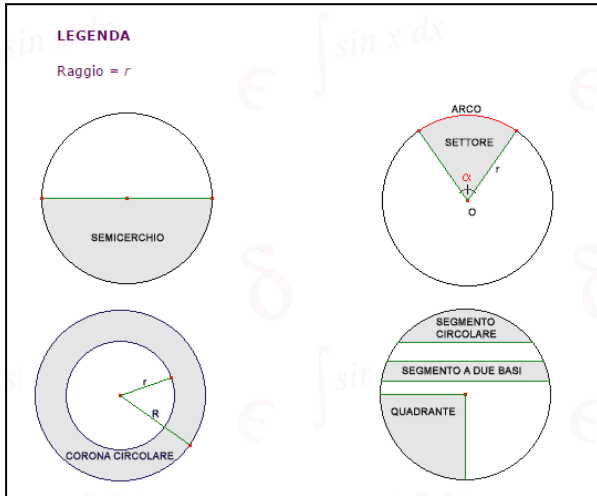
$$C = \frac{l \cdot 360^\circ}{\alpha}$$

$$l = \frac{C \cdot \alpha}{360^\circ}$$

$$\alpha = \frac{l \cdot 360^\circ}{C}$$

$$C = 2\pi r$$

$$r = C : 2\pi$$



$$A = \pi r^2$$

$$r = \sqrt{\frac{A}{\pi}}$$

## Settone circolare

$$A : A_s = 360^\circ : \alpha$$

$$A = \frac{A_s \cdot 360^\circ}{\alpha}$$

$$A_s = \frac{A \cdot \alpha}{360^\circ}$$

$$\alpha = \frac{A_s \cdot 360^\circ}{A}$$