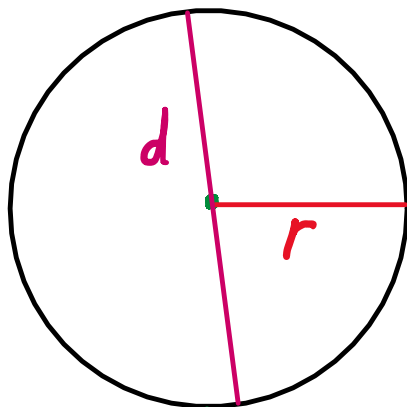


(3.1)



kehan pituus,
piiri (p)

säde (r)
halkaisija (d)

$$\frac{p}{d} = 3,141\dots$$

↑
 π (pii)

$$p = \pi \cdot d = 2\pi r$$

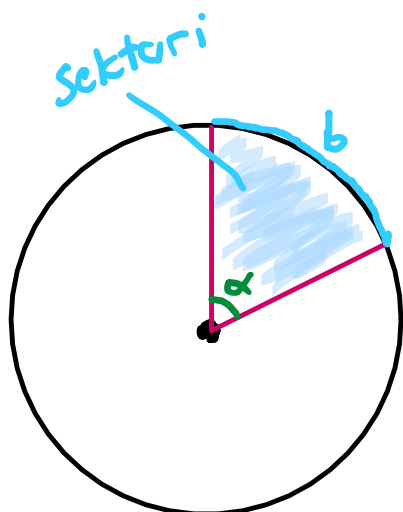
esim. halkaisija on 3,0 cm.
Mikä on piiri?

$$p = \pi \cdot 3,0 \text{ cm}$$

 $\pi \times 3$

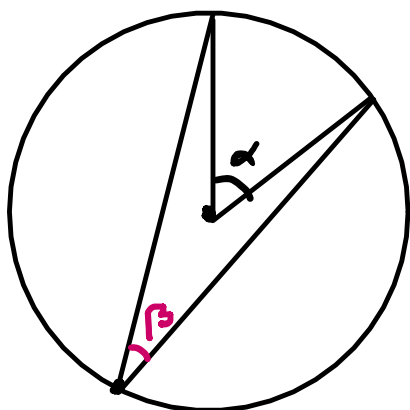
9,42477796076937971539

$$\approx 9,4 \text{ cm}$$



keskuskulma α
kaari b

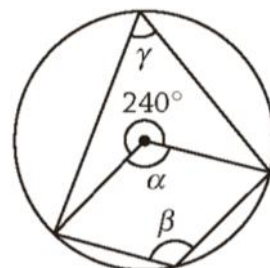
$$b = \frac{\alpha}{360^\circ} \cdot p = \frac{\alpha}{360^\circ} \cdot \underline{2\pi r}$$



kehäkulma β

$$\beta = \frac{\alpha}{2}$$

esim.



$$\alpha = 360^\circ - 240^\circ = 120^\circ$$

(302) (304) (305)

302 304 305

$$\alpha = 360^\circ - 240^\circ = 120^\circ$$

$$\gamma = \frac{120^\circ}{2} = 60^\circ$$

$$\beta = \frac{240^\circ}{2} = 120^\circ$$