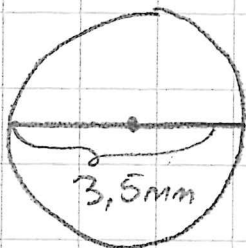


s. 207

946

c) halkaisija $d = 3,5 \text{ mm}$

$$\text{säde } r = \frac{3,5 \text{ mm}}{2} = 1,75 \text{ mm}$$



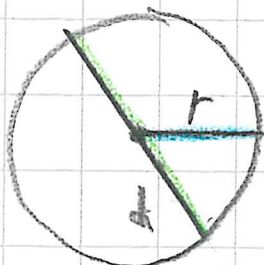
$$p = 2 \pi r$$

$$\begin{aligned} p &= 2 \cdot 3,14 \cdot 1,75 \text{ mm} \\ &= 10,99 \text{ mm} \\ &\approx 11 \text{ mm} \end{aligned}$$

d) $d = 80 \text{ km}$

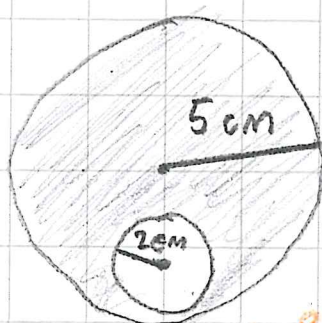
$$r = \frac{80 \text{ km}}{2} = 40 \text{ km}$$

$$\begin{aligned} p &= 2 \cdot 3,14 \cdot 40 \text{ km} \\ &= 251,2 \text{ km} \\ &\approx 251 \text{ km} \end{aligned}$$



s. 240

967



$$A = \pi r^2$$

$$\begin{aligned} & \pi \cdot 5 \text{ cm} \cdot 5 \text{ cm} - \pi \cdot 2 \text{ cm} \cdot 2 \text{ cm} \\ &= \cancel{3,14} \cdot 78,5 \text{ cm}^2 - 12,56 \text{ cm}^2 \\ &= 65,94 \text{ cm}^2 \\ &\approx 66 \text{ cm}^2 \end{aligned}$$