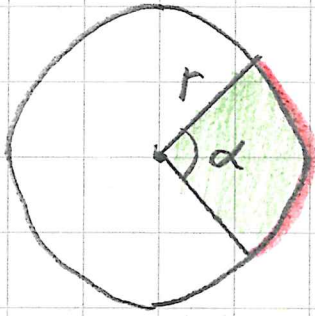


S.213

Sektor← kaari

$$A = \frac{\alpha}{360^\circ} \cdot \pi r^2$$

≈ 3,14

kaaren pituus

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

S.214

981



a) $\alpha = 100^\circ$ $r = 12 \text{ cm}$

$$b = \frac{100^\circ}{360^\circ} \cdot 2 \cdot 3,14 \cdot 12 \text{ cm}$$

$$= 20,933... \text{ cm}$$

$$\approx 21 \text{ cm}$$

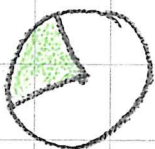
b) $b = \frac{260^\circ}{360^\circ} \cdot 2 \cdot 3,14 \cdot 3 \text{ m}$

$$= 13,60... \text{ m} \approx 14 \text{ m}$$

c) $b = \frac{20^\circ}{360^\circ} \cdot 2 \cdot 3,14 \cdot 36 \text{ mm}$

$$= 12,56 \text{ mm} \approx 13 \text{ mm}$$

982



a) $\alpha = 100^\circ$ $r = 12 \text{ cm}$

$$A = \frac{100^\circ}{360^\circ} \cdot 3,14 \cdot (12 \text{ cm})^2$$

$$= 125,6 \text{ cm}^2 \approx 126 \text{ cm}^2$$

$$\begin{aligned} b) A &= \frac{260^\circ}{360^\circ} \cdot 3,14 \cdot (3\text{m})^2 \\ &= 20,41 \text{ m}^2 \\ &\approx 20 \text{ m}^2 \end{aligned}$$

$$\begin{aligned} c) A &= \frac{20^\circ}{360^\circ} \cdot 3,14 \cdot (36\text{mm})^2 \\ &= 226,08 \text{ mm}^2 \\ &\approx 226 \text{ mm}^2 \end{aligned}$$

997

998

5.216