

S.213



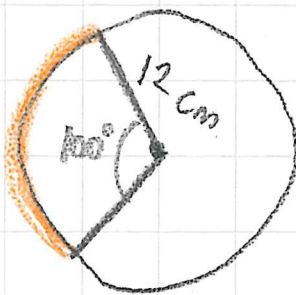
Sektor

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

kaaren pituus

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

S.214



981

a) kaaren pituus

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

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

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

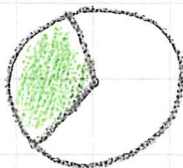
$$b) \quad b = \frac{260^\circ}{360^\circ} \cdot 2 \cdot 3,14 \cdot 3 \text{ m} = 13,60... \text{ m}$$

$$\approx 14 \text{ m}$$

$$c) \quad b = \frac{20^\circ}{360^\circ} \cdot 2 \cdot 3,14 \cdot 36 \text{ mm} = 12,56 \text{ mm}$$

$$\approx 13 \text{ mm}$$

982



a) sektorin pinta-ala

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

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

$$\approx 126 \text{ cm}^2$$

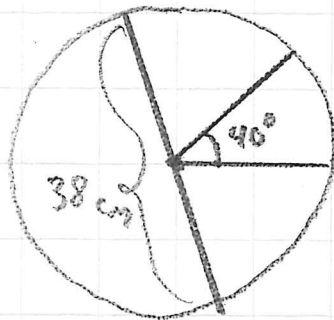
$$b) A = \frac{260^\circ}{360^\circ} \cdot 3,14 \cdot 3m \cdot 3m$$

$$= 20,41 m^2 \approx 20 m^2$$

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

$$= 226,08 mm^2 \approx 226 mm^2$$

988



söde $r = \frac{38 cm}{2} = 19 cm$

$$A = \frac{40^\circ}{360^\circ} \cdot 3,14 \cdot 19 cm \cdot 19 cm$$

$$= 125,94... cm^2$$

$$\approx 126 cm^2$$

997 s. 216