

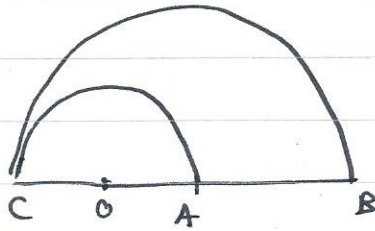
EL PAG. 194

N° 80

DATI

$$AB = 10 \text{ cm}$$

$$OA = \frac{1}{2} AB$$



RICHIESTA?

Contorno = ?

$$C = d \pi$$

(una grande, una piccolo)

AB

SVOLGIMENTO

$$OA + OA = CA$$

$$(10 : 2) \cdot 2 = 10 \text{ cm } CA \text{ (di piccolo} \rightarrow r_{\text{piccolo}} : 2 = 5 \text{ cm)}$$

$$\frac{C_{\text{piccolo}}}{2} = \frac{2r_{\text{p}} \pi}{2} = r_{\text{p}} \pi = 5 \cdot \pi \text{ cm} \quad (5 \cdot 3,14 = 15,7 \text{ cm})$$

$$\frac{C_{\text{grande}}}{2} = \frac{2r_{\text{g}} \pi}{2} = r_{\text{g}} \pi = 10 \pi \text{ cm} \quad (10 \cdot 3,14 = 31,4 \text{ cm})$$

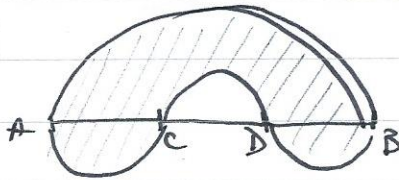
$$P = \frac{C_{\text{p}}}{2} + \frac{C_{\text{g}}}{2} + AB = 15,7 + 31,4 + 10 = 57,1 \text{ cm}$$

N° 81

DATI

$$AB = 24 \text{ cm}$$

$$\overline{AC} = \overline{CD} = \overline{DB} = \frac{1}{3} AB$$



RICHIESTA?

P = ?

$$C = d \pi$$

(grande: 2
piccolo: 2 \cdot 3)

SVOLGIMENTO

$$AB : 2 = 24 : 2 = 12 \text{ cm } r_{\text{grande}}$$

$$\frac{C_{\text{g}}}{2} = \frac{2r_{\text{g}} \pi}{2} = r_{\text{g}} \pi = 12 \cdot 3,14 = \text{cm } 37,68$$

$$AC = 24 : 3 = 8 \text{ cm}$$

$$r_{\text{piccolo}} = 8 : 2 = 4 \text{ cm}$$

$$\frac{C_{\text{p}}}{2} = \frac{2r_{\text{p}} \pi}{2} = r_{\text{p}} \pi = 4 \cdot 3,14 = \text{cm } 12,56$$

$$P = 37,68 + 12,56 \cdot 3 = 75,38 \text{ cm}$$