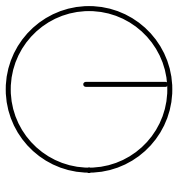


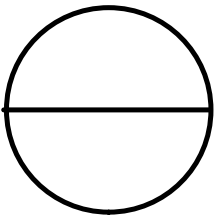
l'aire d'un cercle



$r = 2\text{cm}$

$$\begin{aligned} A_0 &= \pi r r \\ &= (3,14) (2\text{cm}) (2\text{cm}) \\ &= 12,56\text{cm}^2 \end{aligned}$$

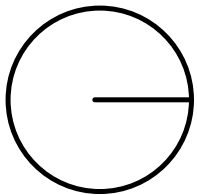
Calcule l'aire de chaque cercle.



d= 5 cm

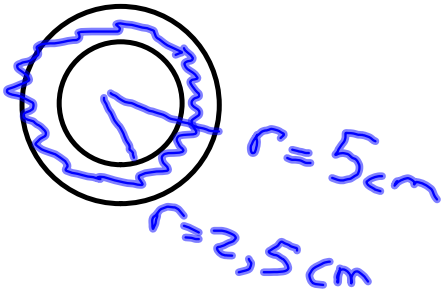
$$r = \frac{d}{2} = \frac{5}{2} = 2,5 \text{ cm}$$

$$\begin{aligned} A_0 &= \pi r r \\ &= (3,14)(2,5)(2,5) = 19,625 \text{ cm}^2 \end{aligned}$$



r=10cm

$$\begin{aligned} A_0 &= \pi r r \\ &= (3,14)(10\text{cm})(10\text{cm}) \\ &= 314 \text{ cm}^2 \end{aligned}$$



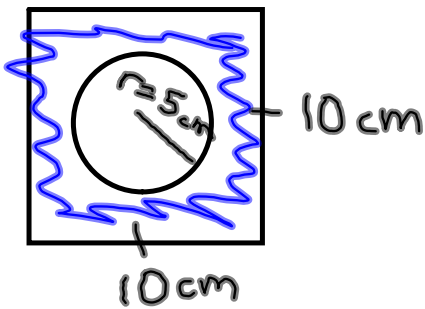
$$A_{\text{O}} - A_{\text{o}}$$

$$\begin{aligned} A_{\text{O}} &= \pi r r \\ &= 3,14 (5\text{ cm}) (5\text{ cm}) \\ &= 78,5\text{ cm}^2 \end{aligned}$$

$$\begin{aligned} A_{\text{o}} &= \pi r r \\ &= 3,14 (2,5) (2,5) \\ &= 19,625 \end{aligned}$$

Devoir

$$\begin{aligned} A_{\text{O}} - A_{\text{o}} &= 78,5\text{ cm}^2 - 19,625\text{ cm}^2 \\ &= 58,875\text{ cm}^2 \end{aligned}$$

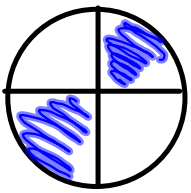


$$\begin{aligned}A_{\square} &= bh \\ &= 10\text{cm}(10\text{cm}) \\ &= 100\text{cm}^2\end{aligned}$$

$$\begin{aligned}A_{\circ} &= \pi r^2 \\ &= 3,14(5\text{cm})(5\text{cm})\end{aligned}$$

$$= 78,5\text{cm}^2$$

$$A_{\square} - A_{\circ} = 100_{\text{cm}^2} - 78,5_{\text{cm}^2} = 21,5\text{cm}^2$$



$r=6\text{cm}$

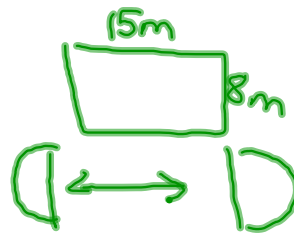
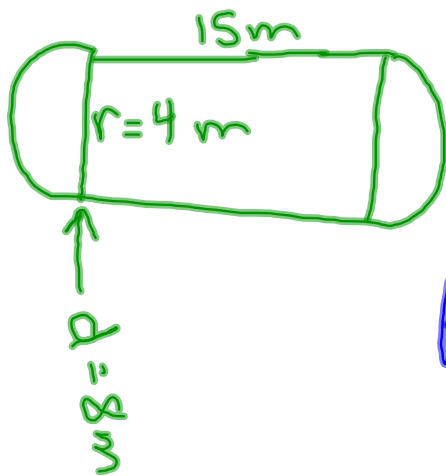
2 de 4

$$\frac{2}{4} = \frac{1}{2}$$

$$\begin{aligned} A_0 &= \pi r r \\ &= 3,14 (6\text{cm})(6\text{cm}) \\ &= 113,04 \text{ cm}^2 \end{aligned}$$

$$\frac{1}{2} \text{ de } 113,04 \text{ cm}^2$$

$$\frac{113,04}{2} = 56,52 \text{ cm}^2$$



$$\begin{aligned} A_{\square} &= bh \\ &= (8m)(15m) \\ &= 120m^2 \end{aligned}$$

$$\begin{aligned} A_o &= \pi r r \\ &= 3,14 (4m)(4m) \\ &= 50,24 m^2 \end{aligned}$$

$$\begin{aligned} A_{\square} + A_o &= 120m^2 + 50,24m^2 \\ &= 170,24m^2 \end{aligned}$$