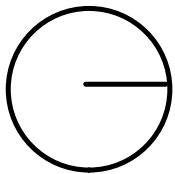


l'aire d'un cercle

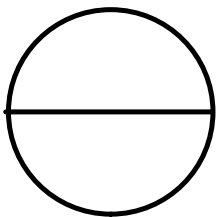


$r = 2\text{cm}$

$$A_0 = \pi r r$$

$$A_0 = 3,14 (2\text{cm})(2\text{cm})$$

$$A_0 = 12,56\text{cm}^2$$

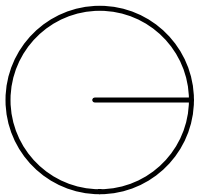


d = 5 cm

Calcule l'aire de chaque cercle.

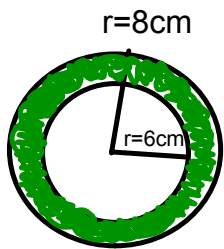
$$r = \frac{d}{2} = \frac{5\text{cm}}{2} = 2,5\text{cm}$$

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



r = 10cm

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



Trouve l'aire de la partie verte.

$$A_v = A_O - A_o$$

$$A_{GO} = \pi r r$$

$$= 3,14(8\text{cm})(8\text{cm})$$

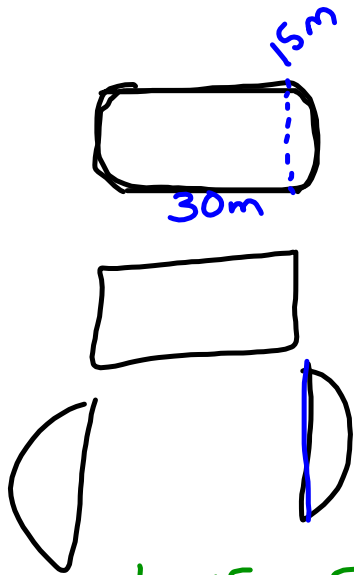
$$A_{GO} = 200,96\text{cm}^2$$

$$A_{po} = \pi r r$$

$$= 3,14(6)(6)$$

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

$$\begin{array}{r} 200,96 \\ - 113,04 \\ \hline 87,92\text{cm}^2 \end{array}$$



$$A_{\square} = bh$$

$$A_{\square} = 30m(15m)$$

$$A_{\square} = 450m^2$$

$$r = \frac{d}{2} = \frac{15}{2} = 7,5m$$

$$A_{\circ} = \pi r^2$$

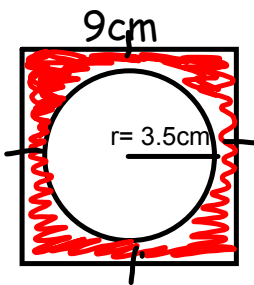
$$= 3,14(7,5m)(7,5m)$$

$$176,625m^2$$

$$A_T = A_{\square} + A_{\circ}$$

$$= 450m^2 + 176,625m^2$$

$$= 626,625m^2$$



$$A_{\square} = bh$$

$$A_{\square} = 9\text{cm} (9\text{cm})$$

$$A = 81\text{cm}^2$$

$$\begin{aligned} A_{\circ} &= \pi r r \\ &= 3,14 (3,5\text{cm})(3,5\text{cm}) \\ &= 38,465\text{cm}^2 \end{aligned}$$

$$\begin{array}{r} 81,000 \\ - 38,465 \\ \hline 42,535 \text{ cm}^2 \end{array}$$

P, 151  
Q 1, 2, 4, 7