

Exercício:

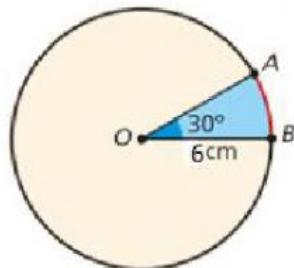
Determina a área do setor circular AOB e o comprimento do arco AB.

Área:

$$A_{\text{círculo}} = \pi r^2$$

$$A_{\text{setor circular}} = \frac{\pi \times r^2 \times 30^\circ}{360^\circ}$$

$$A_{\text{setor circular}} = \boxed{\quad}$$



comprimento do arco AB.

$$P_{\text{circunferência}} = 2\pi r$$

$$2\pi \times \boxed{\quad} = 360^\circ$$

$$\ell = \boxed{\quad}$$

logo:

$$\ell = \frac{2\pi \times \boxed{\quad}}{360^\circ}$$

$$\ell = \frac{\pi \times \boxed{\quad}}{360^\circ}$$

$$\ell = \boxed{\quad} \pi$$