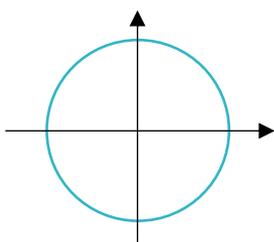


INEQUAÇÕES TRIGONOMÉTRICAS

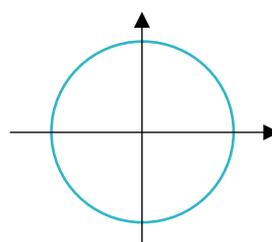
EXEMPLO 1:

Resolva a seguinte inequação $\text{sen } x > \frac{1}{2}$, considerando o intervalo $0 \leq x \leq 2\pi$.



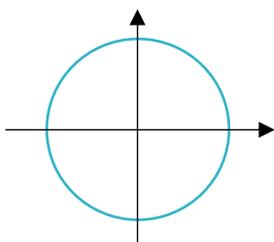
EXEMPLO 3:

Resolva a inequação $\text{cos } x < -\frac{1}{2}$, no intervalo $x \in [0, 2\pi]$.



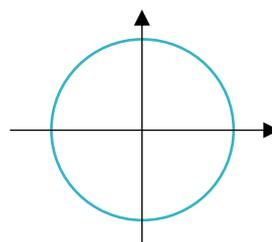
EXEMPLO 2:

Resolva a seguinte inequação $\text{sen } x \leq \frac{\sqrt{2}}{2}$, considerando $U = [0, 2\pi]$.



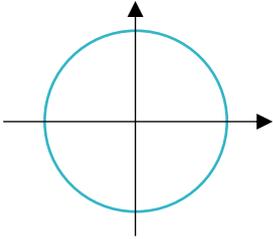
EXEMPLO 4:

Resolva a inequação $\text{tg } x < \sqrt{3}$, no intervalo $x \in [0, 2\pi]$.



EXEMPLO 5:

Resolva a inequação $2 \cdot \cos^2 x - \cos x \leq 0$, considerando $U = [0, 2\pi]$.



EXEMPLO 6:

Resolva a inequação $2 \cdot \sin^2 x - \sin x - 1 < 0$, considerando $U = [0, 2\pi]$.

