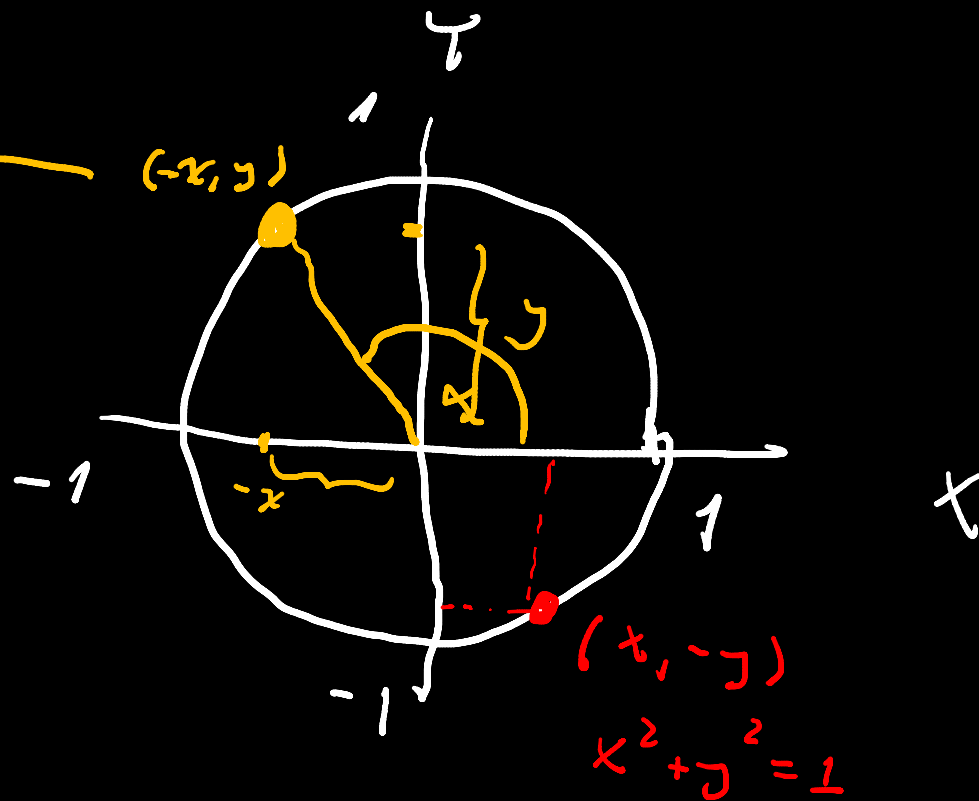
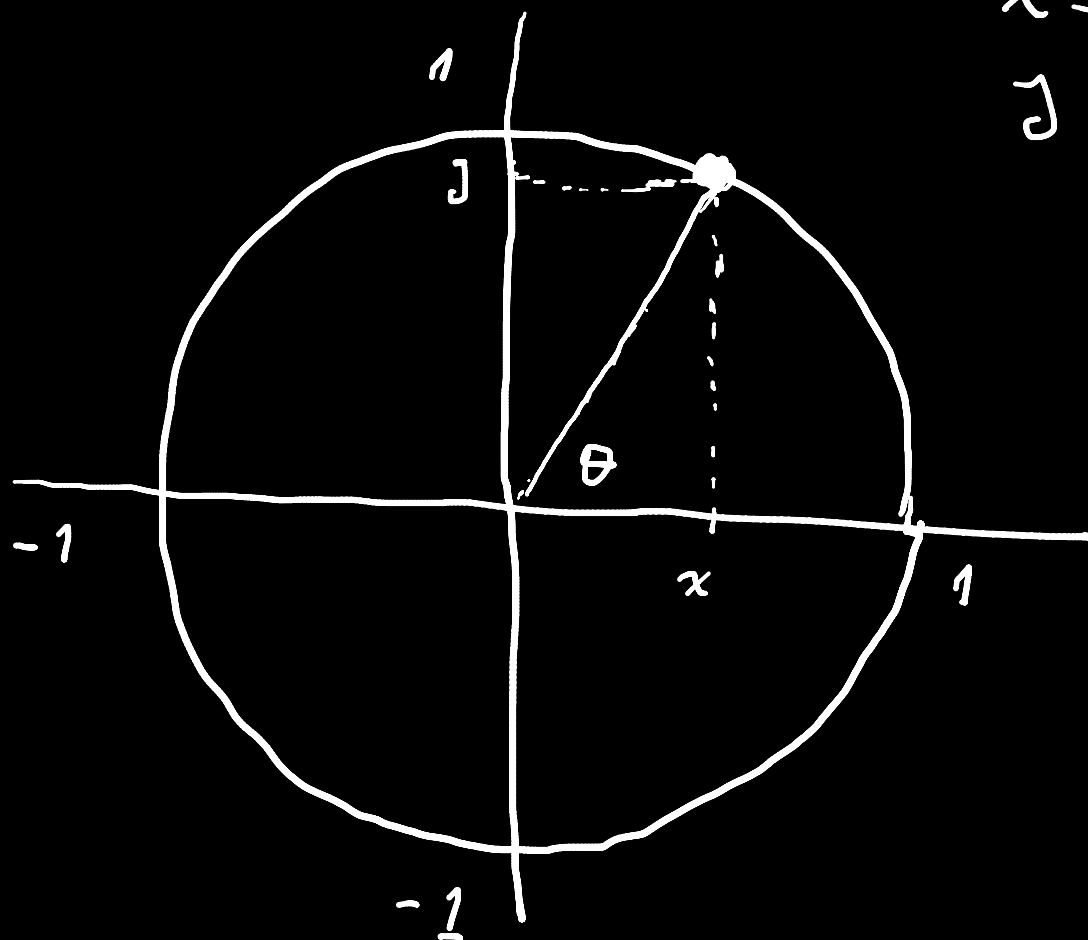


$$\sqrt{x^2 + y^2} = 1$$

$$x^2 + y^2 = 1$$





$$x = \cos \theta$$

$$y = \sin \theta$$

1 grado



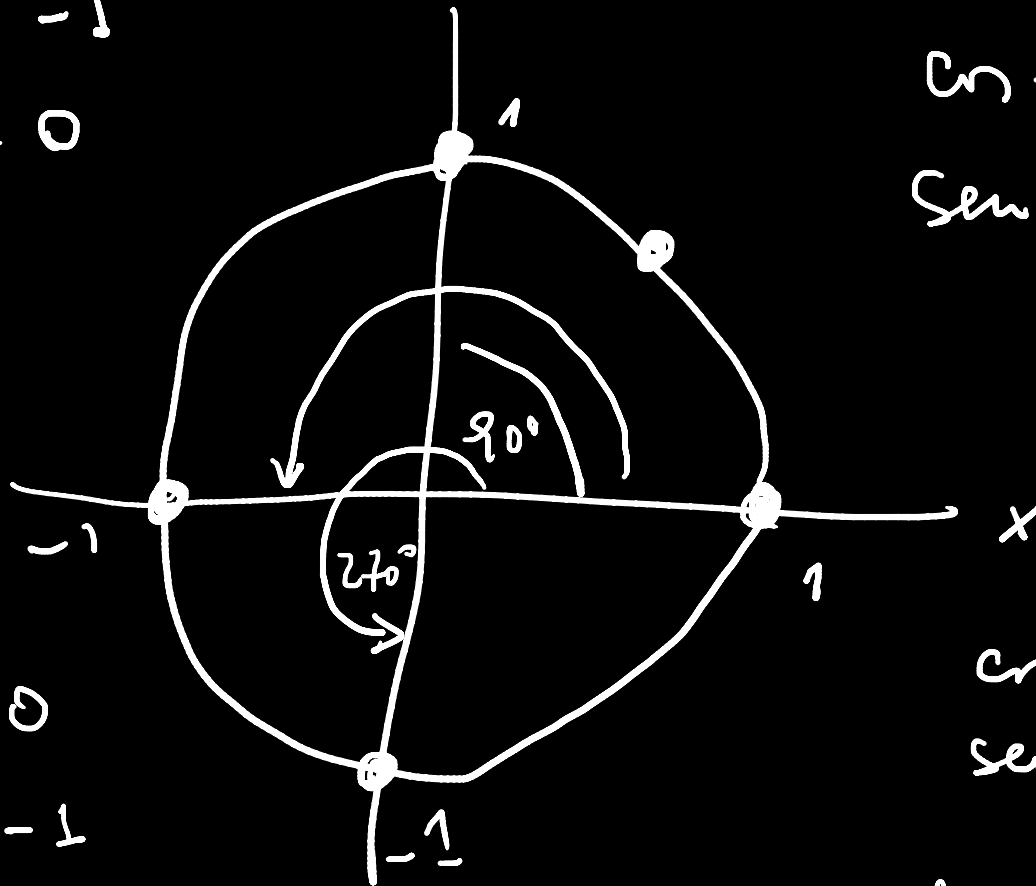
↳ 360 de grs angulo
conformam uma
circunferencia

$$\cos 180^\circ = -1$$

$$\sin 180^\circ = 0$$

$$\cos 90^\circ = 0$$

$$\sin 90^\circ = 1$$



$$\cos 270^\circ = 0$$

$$\sin 270^\circ = -1$$

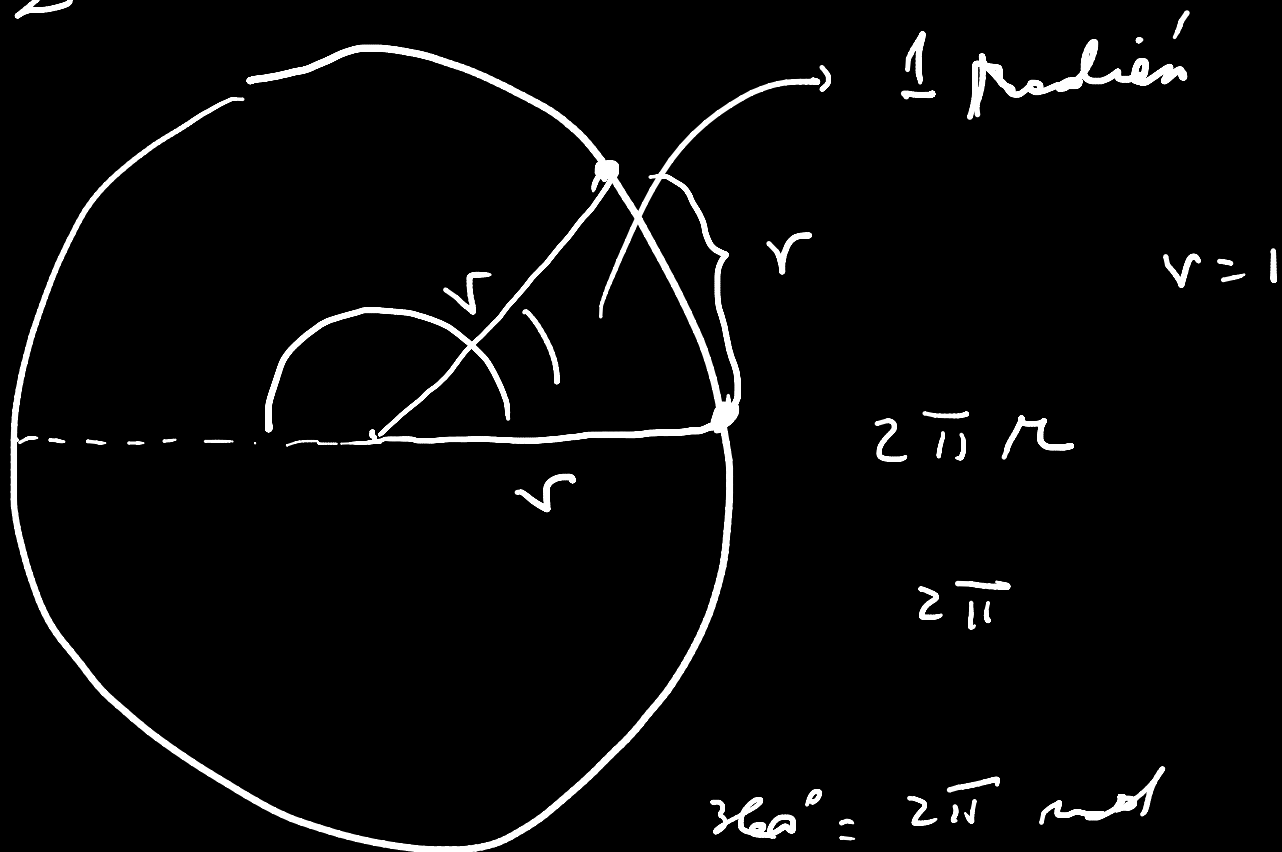
$$\cos 360^\circ = 1$$

$$\sin 360^\circ = 0$$

$$\cos 0^\circ = 1$$

$$\sin 0^\circ = 0$$

$$90^\circ \equiv \frac{\pi}{2} \text{ rad.}$$



$$180^\circ = \pi \text{ rad}$$

relación entre radianes y grados

$$360^\circ = 2\pi \text{ rad}$$

$$360 \cdot 1^\circ = 2\pi \text{ rad}$$

$$1^\circ = \frac{2\pi}{360} \text{ rad.}$$

$$1^\circ = \frac{\pi}{180} \text{ rad.} \approx 0.0174 \text{ rad}$$

$$360^\circ = 2\pi \cdot 1 \text{ rad.}$$

$$\frac{360^\circ}{2\pi} = 1 \text{ rad}$$

$$\therefore 1 \text{ rad} = \frac{180^\circ}{\pi}$$

$$1 \text{ rad} = 57.32^\circ$$