

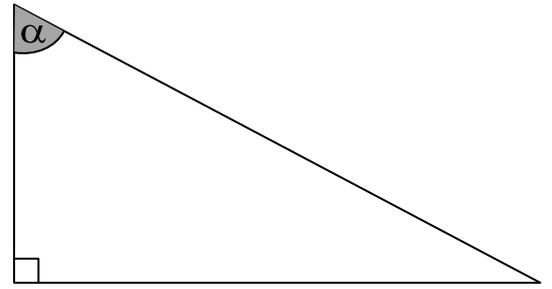
Rappels de trigonométrie

• Dans le triangle

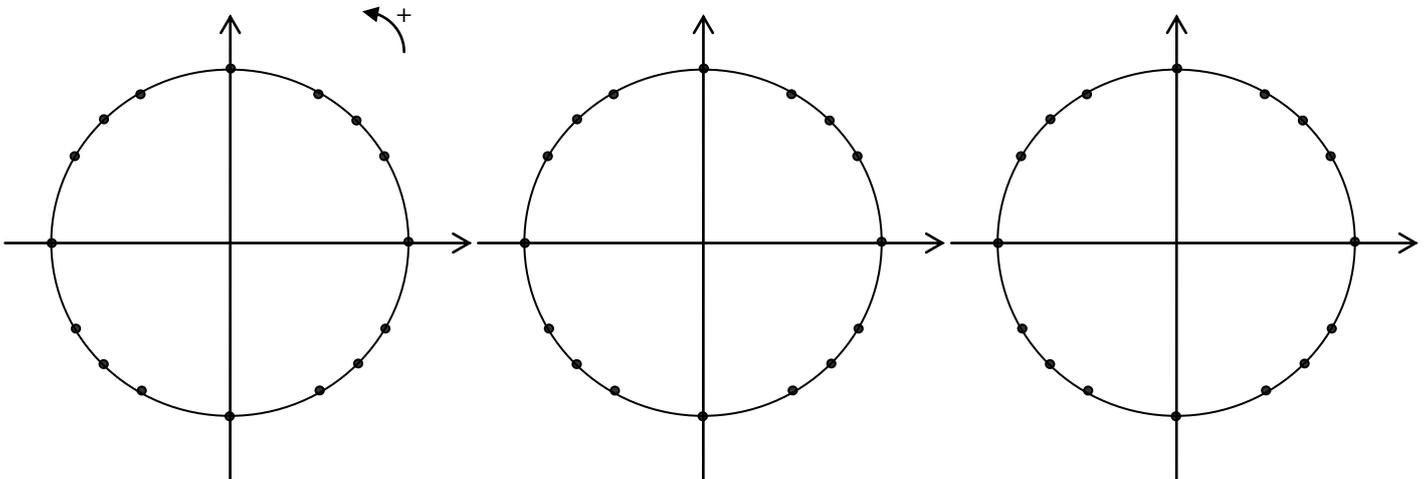
$$\sin \alpha =$$

$$\cos \alpha =$$

$$\tan \alpha =$$



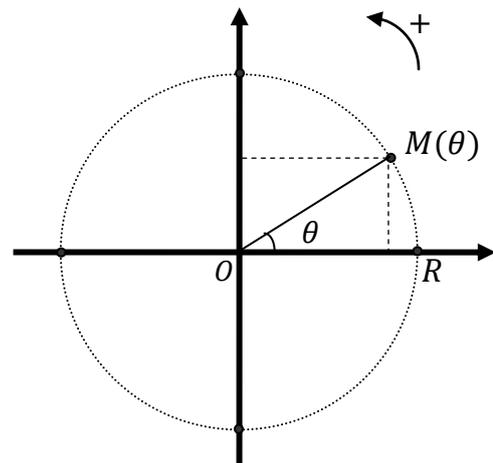
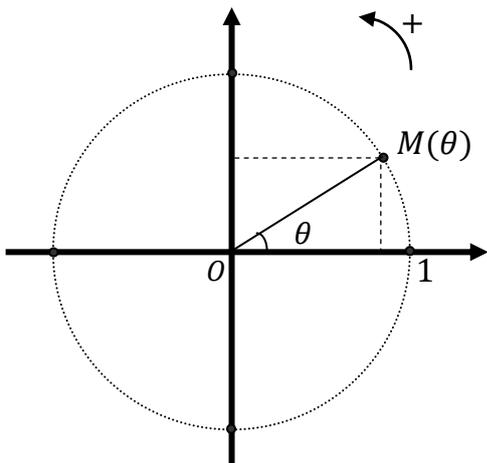
• CERCLE TRIGONOMÉTRIQUE



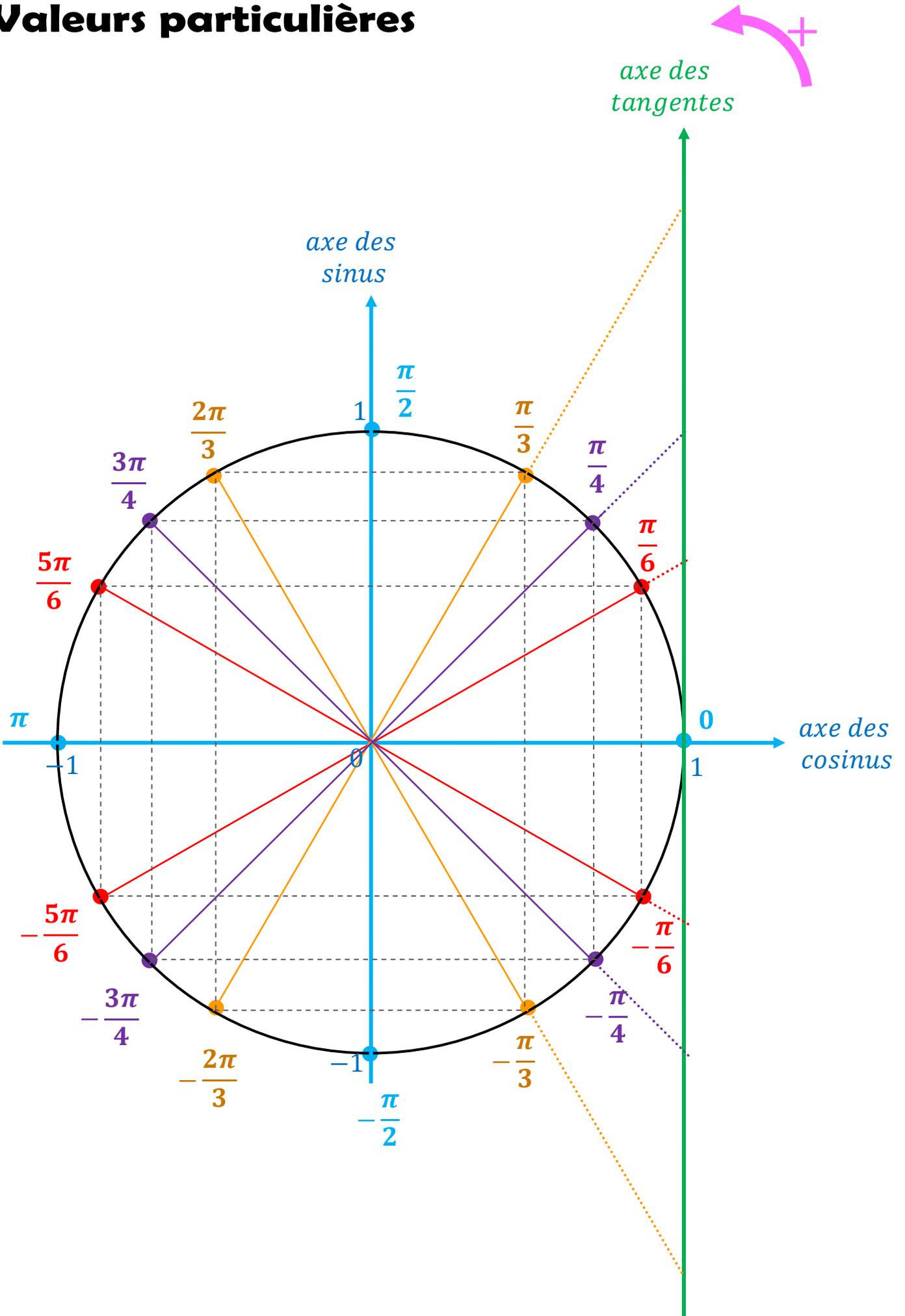
• SINUS, COSINUS et COORDONNÉES

Coordonnées de M

Coordonnées de M



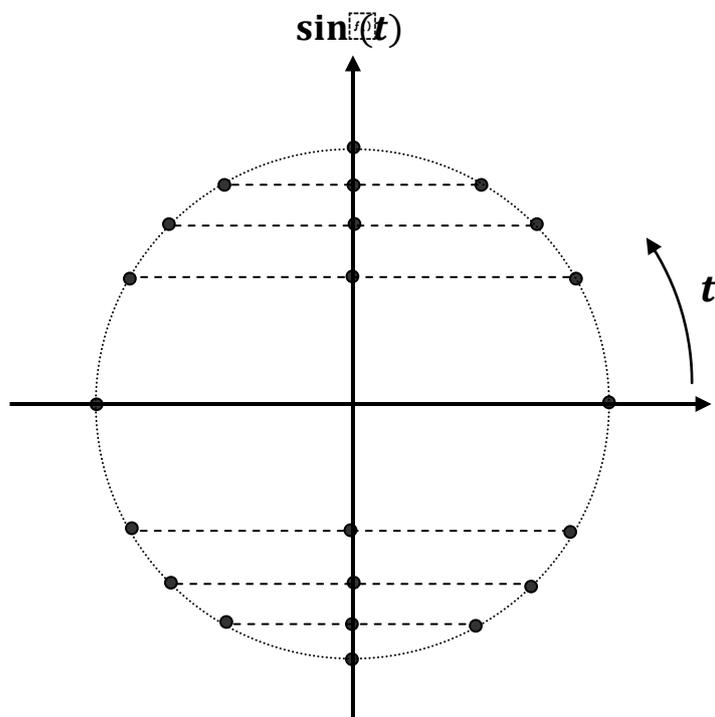
Valeurs particulières



Fonction sinus

Valeurs remarquables

t	0	$\frac{\pi}{6}$	$\frac{\pi}{4}$	$\frac{\pi}{3}$	$\frac{\pi}{2}$
$\sin(t)$					



Représentation graphique

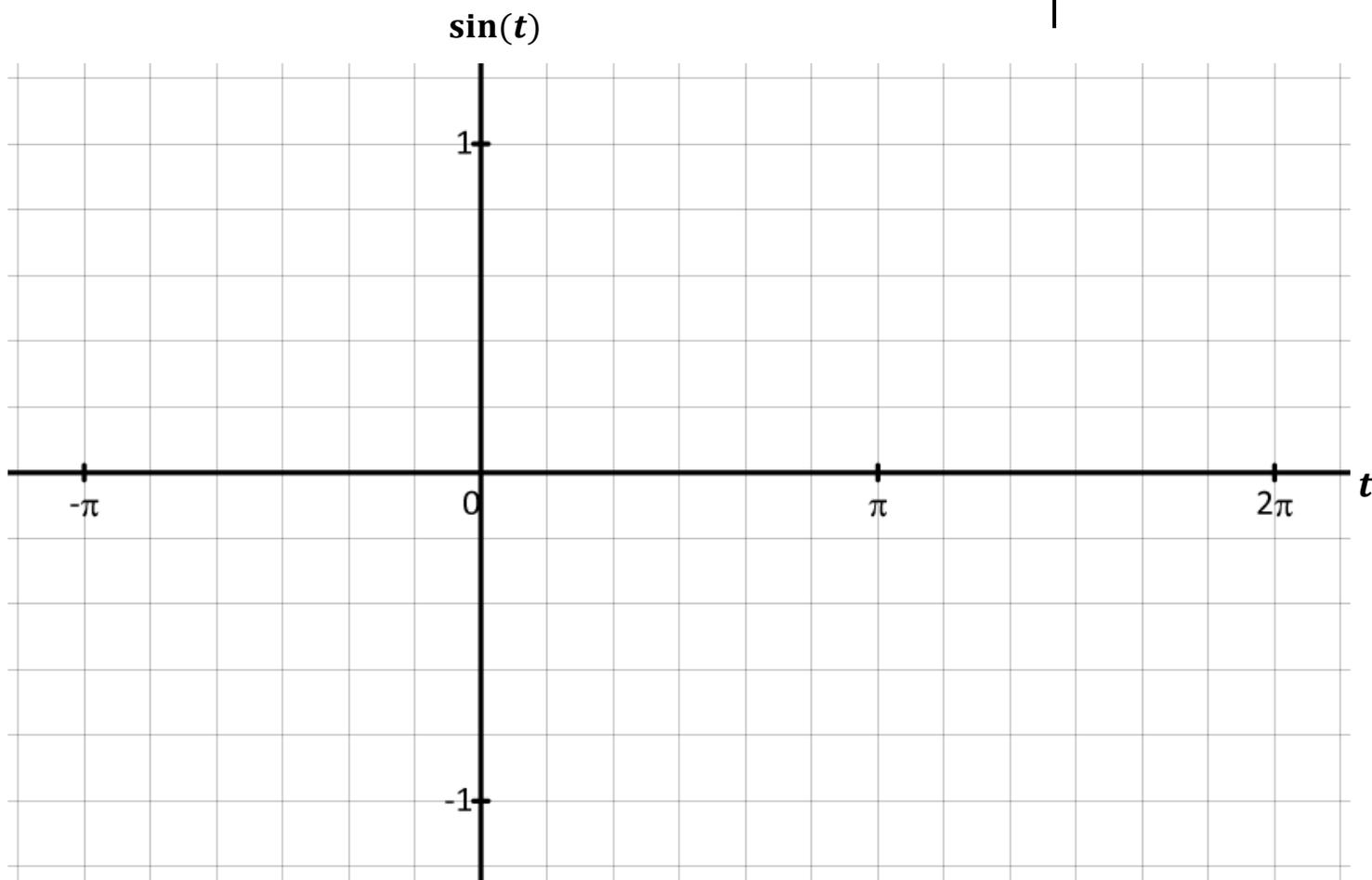


Tableau de signes sur $[-\pi ; \pi]$

t	$-\pi$	π
$\sin t$		

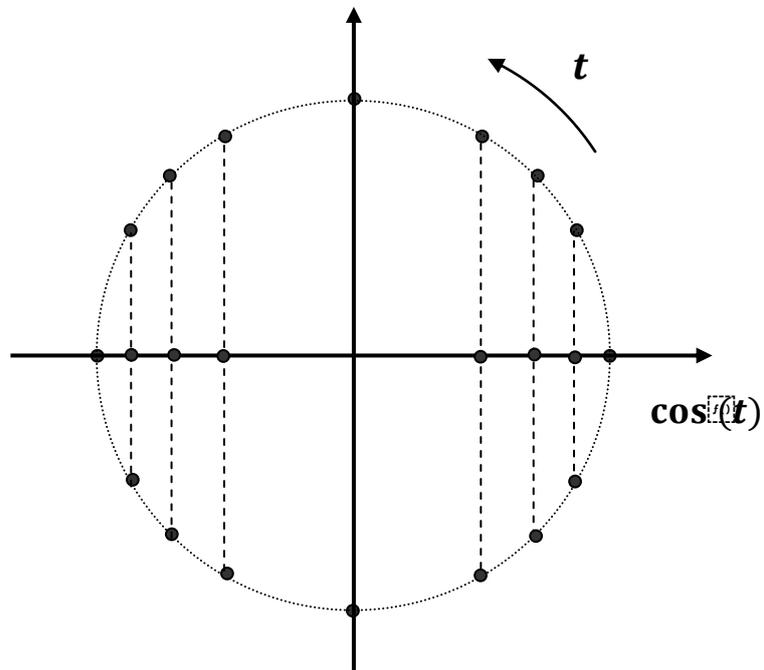
Tableau de variations sur $[-\pi ; \pi]$

t	$-\pi$	π
$\sin t$		

Fonction cosinus

Valeurs remarquables

t	0	$\frac{\pi}{6}$	$\frac{\pi}{4}$	$\frac{\pi}{3}$	$\frac{\pi}{2}$
$\cos(t)$					



Représentation graphique

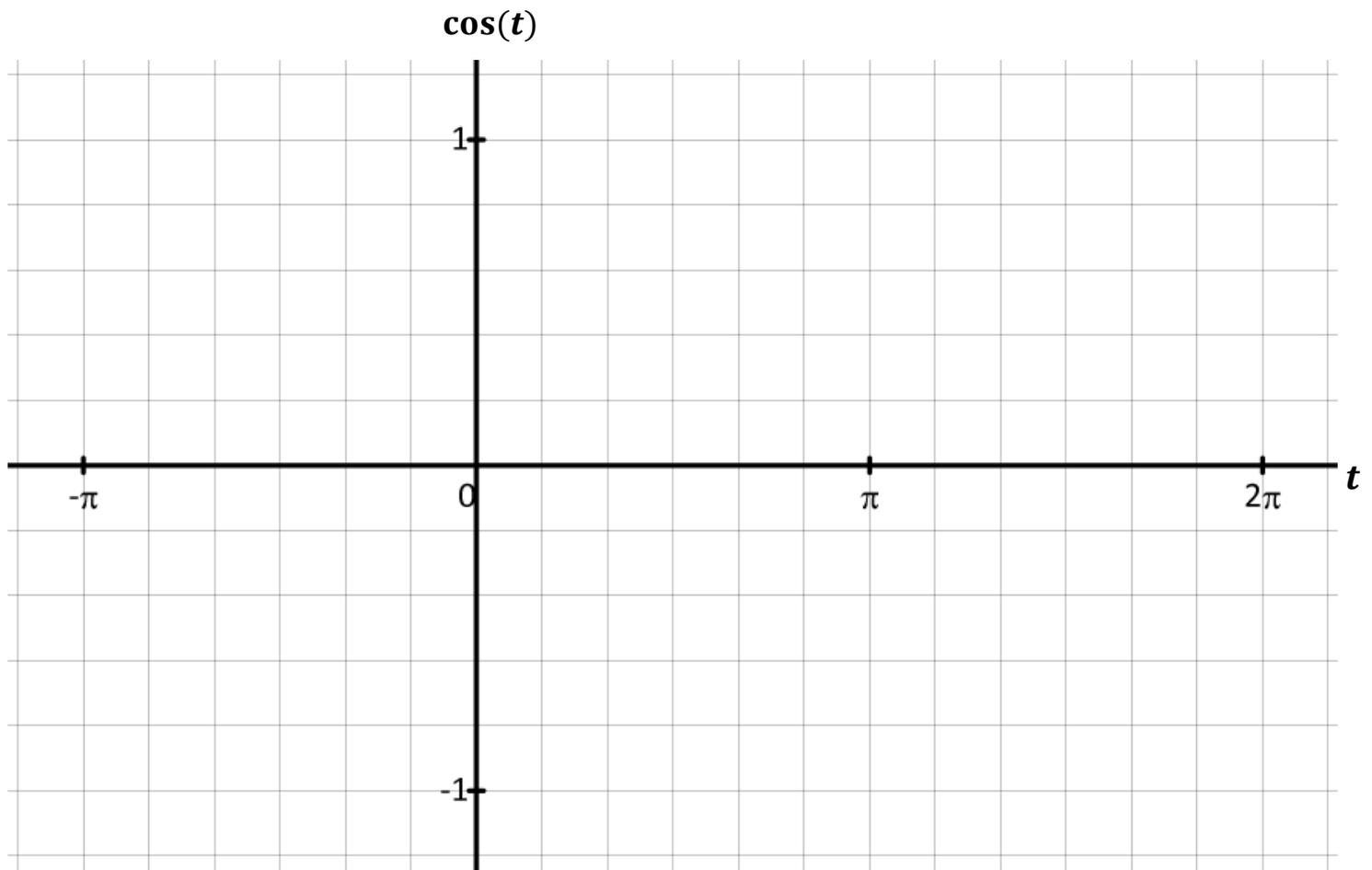


Tableau de signes sur $[-\pi ; \pi]$

t	$-\pi$	π
$\cos t$		

Tableau de variations sur $[-\pi ; \pi]$

t	$-\pi$	π
$\cos t$		