

$x$	0	$\frac{\pi}{2}$	$\pi$	$\frac{2\pi}{3}$	$2\pi$
sign of $\cos'$			0		
variation of $\cos$	1 ↓ 0			0 ↓ -1	1
sign of $\sin'$	+		-		+
variation of $\sin$	0 → 1			-1 → 0	