x	0	$\frac{\pi}{2}$	π	$\frac{2\pi}{3}$	2π
sign of cos		$-$		$+$	
variation of cos	1	$\searrow$	-1	$\nearrow$	1
sign of sin		$+$		$-$	$+$
variation of sin	0	$\nearrow$	1	$\searrow$	-1 $\nearrow$ 1