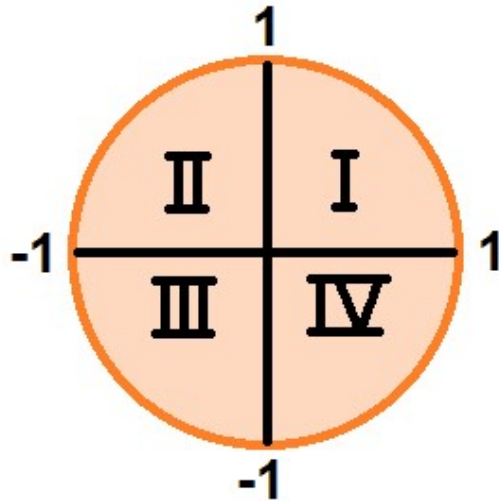
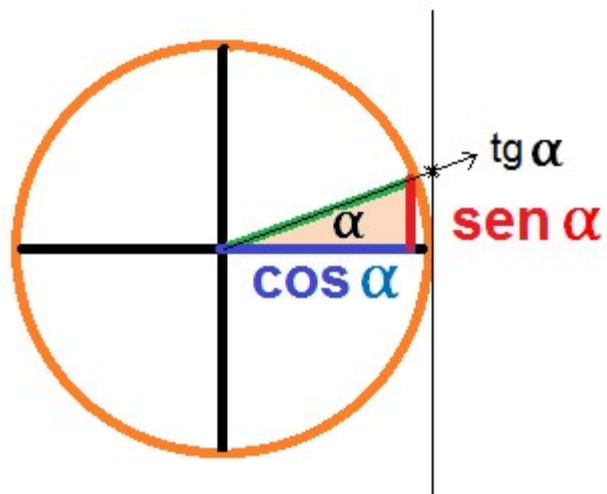


# SIGNOS Y RAZONES ESPECIALES

cuadrantes



	I	II	III	IV
sen $\alpha$	+	+	-	-
cos $\alpha$	+	-	-	+
tg $\alpha$	+	-	+	-



	0° 0 rad	30° $\pi/6$ rad	45° $\pi/4$ rad	60° $\pi/3$ rad	90° $\pi/2$ rad	180° $\pi$ rad	270° $3\pi/2$ rad	360° $2\pi$ rad
sen $\alpha$	0	$\frac{1}{2} = 0,5$	$\frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$ $\approx 0,707$	$\frac{\sqrt{3}}{2} \approx 0,866$	1	0	-1	0
cos $\alpha$	1	$\frac{\sqrt{3}}{2} \approx 0,866$	$\frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$ $\approx 0,707$	$\frac{1}{2} = 0,5$	0	-1	0	1
tg $\alpha$	0	$\frac{1}{\sqrt{3}} = \frac{\sqrt{3}}{3}$ $\approx 0,577$	1	$\sqrt{3} \approx 0,732$	$\nexists$	0	$\nexists$	0