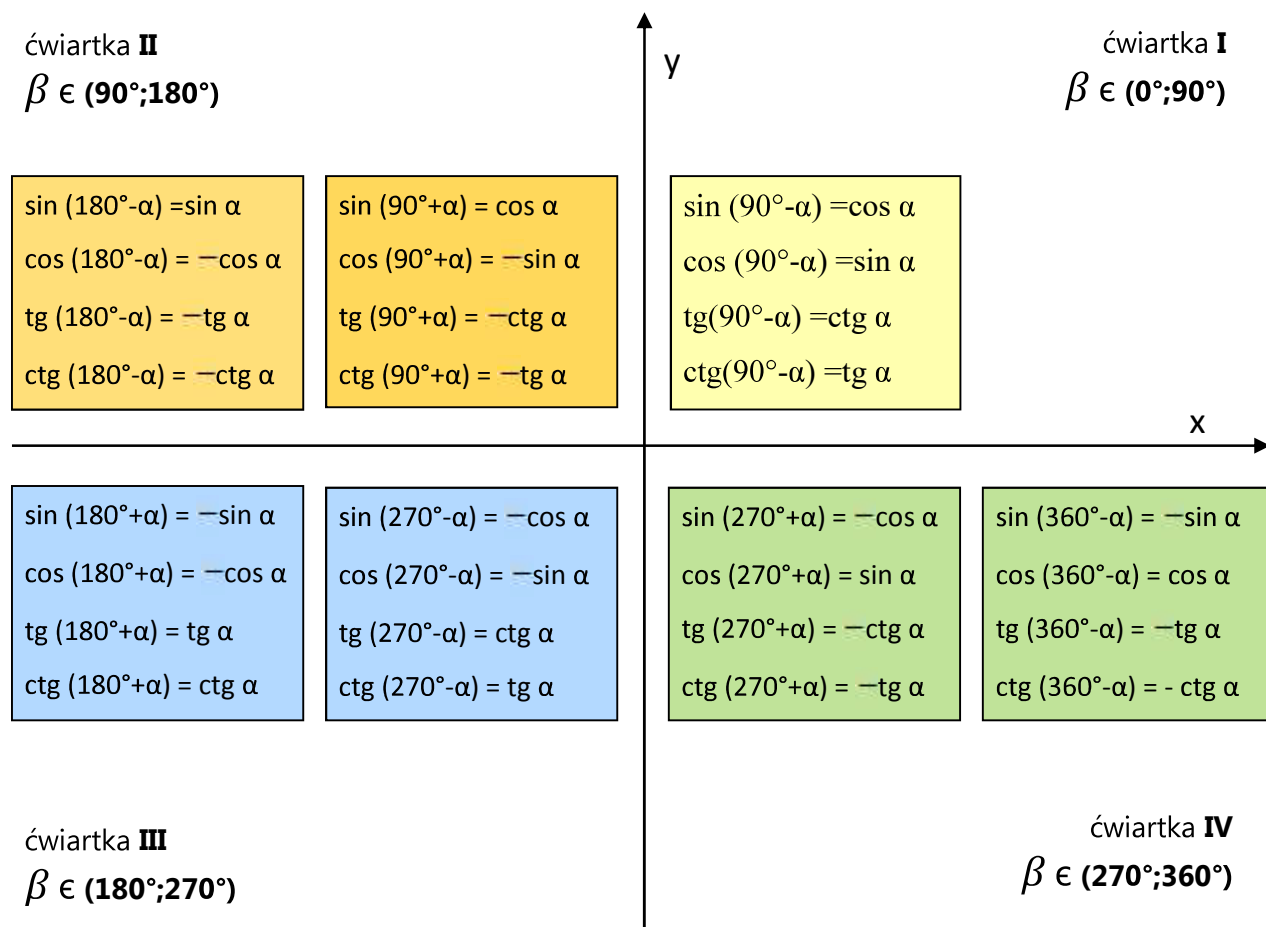


WZORY REDUKCYJNE



Wzory redukcyjne $\alpha \in (0^\circ; 90^\circ)$							
	I ćwiartka	II ćwiartka		III ćwiartka		IV ćwiartka	
β	$\frac{\pi}{2} - \alpha$	$\frac{\pi}{2} + \alpha$	$\pi - \alpha$	$\pi + \alpha$	$\frac{3}{2}\pi - \alpha$	$\frac{3}{2}\pi + \alpha$	$2\pi - \alpha$
	$90^\circ - \alpha$	$90^\circ + \alpha$	$180^\circ - \alpha$	$180^\circ + \alpha$	$270^\circ - \alpha$	$270^\circ + \alpha$	$360^\circ - \alpha$
$\sin \beta$	$\cos \alpha$	$\cos \alpha$	$\sin \alpha$	$-\sin \alpha$	$-\cos \alpha$	$-\cos \alpha$	$-\sin \alpha$
$\cos \beta$	$\sin \alpha$	$-\sin \alpha$	$-\cos \alpha$	$-\cos \alpha$	$-\sin \alpha$	$\sin \alpha$	$\cos \alpha$
$\operatorname{tg} \beta$	$\operatorname{ctg} \alpha$	$-\operatorname{ctg} \alpha$	$-\operatorname{tg} \alpha$	$\operatorname{tg} \alpha$	$\operatorname{ctg} \alpha$	$-\operatorname{ctg} \alpha$	$-\operatorname{tg} \alpha$
$\operatorname{ctg} \beta$	$\operatorname{tg} \alpha$	$-\operatorname{tg} \alpha$	$-\operatorname{ctg} \alpha$	$\operatorname{ctg} \alpha$	$\operatorname{tg} \alpha$	$-\operatorname{tg} \alpha$	$-\operatorname{ctg} \alpha$