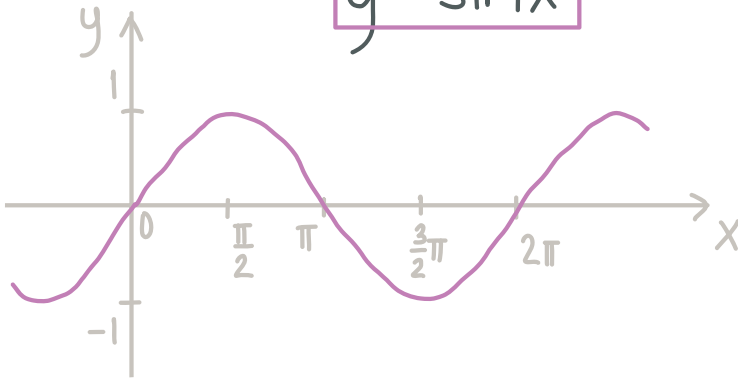


4 GONIOMETRICKÉ FUNKCE

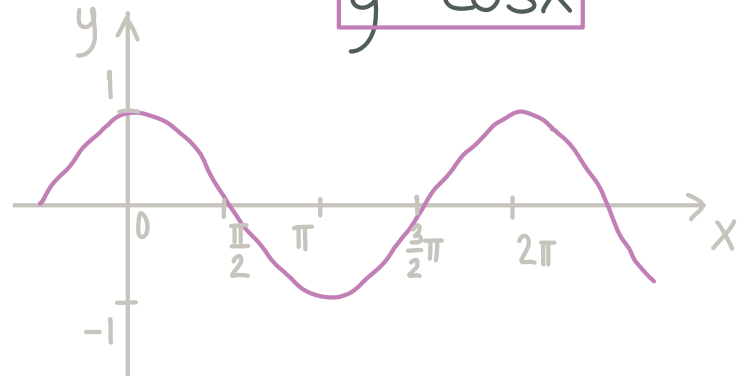
- převod stupně - radiány

$$1\pi = 180^\circ$$

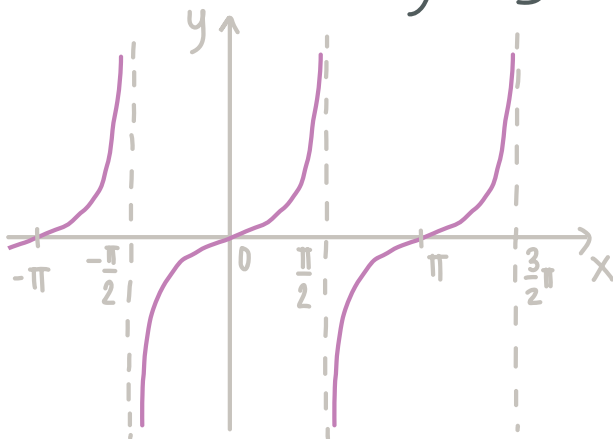
$$y = \sin x$$



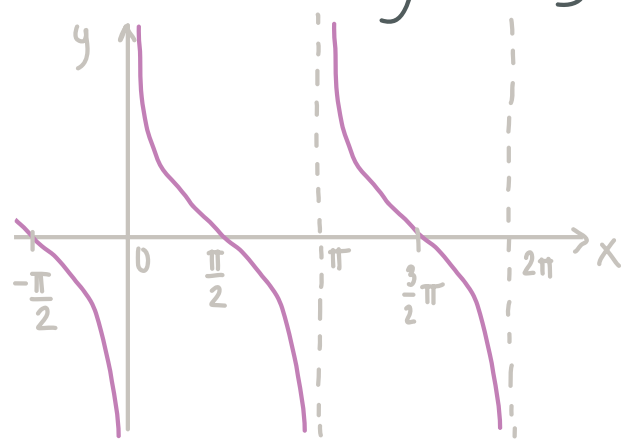
$$y = \cos x$$



$$y = \operatorname{tg} x$$

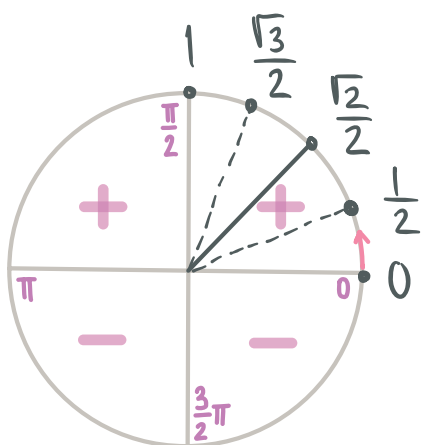


$$y = \operatorname{cotg} x$$

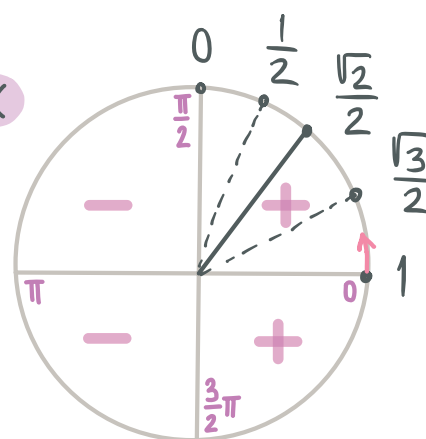


stupně	radiány	$\sin x$	$\cos x$	$\operatorname{tg} x$	$\operatorname{cot} g x$
0°	0	0	1	0	-
30°	$\frac{\pi}{6}$	$\frac{1}{2}$	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{3}}{3}$	$\sqrt{3}$
45°	$\frac{\pi}{4}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$	1	1
60°	$\frac{\pi}{3}$	$\frac{\sqrt{3}}{2}$	$\frac{1}{2}$	$\sqrt{3}$	$\frac{\sqrt{3}}{3}$
90°	$\frac{\pi}{2}$	1	0	-	0

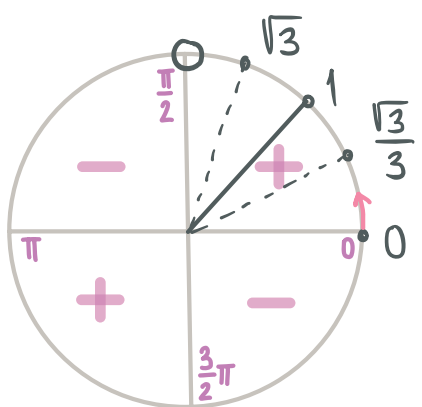
$\sin x$



$\cos x$



$\operatorname{tg} x$



$\operatorname{cot} g x$

