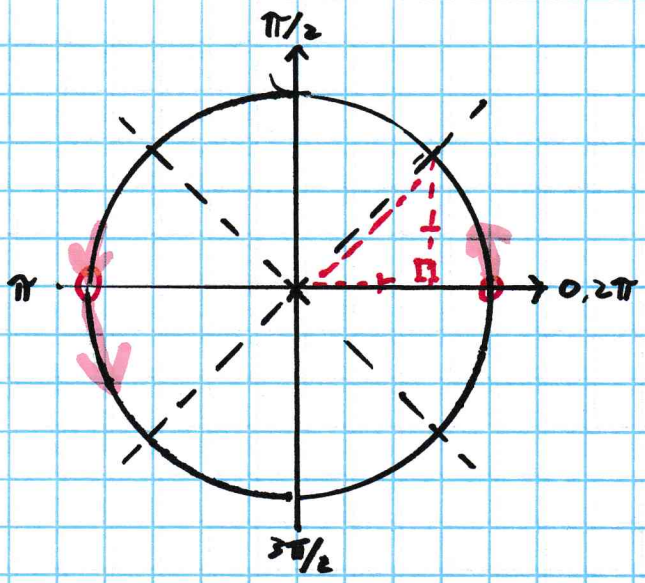

$\cot(\theta) = x/y$, $\cot\theta = 1/\tan\theta$

Domain: $\theta \neq n\pi$, $\theta \neq -\pi, 0, \pi, 2\pi \cdots$

θ	0	$\pi/4$	$\pi/2$	$3\pi/4$	π	$5\pi/4$	$3\pi/2$	$7\pi/4$	2π
$\cot\theta$	DNE	1	0	-1	DNE	1	0	-1	DNE
trend	$+\infty$	$\ominus$	$\ominus$	$\ominus$	$\ominus$	$-\infty$ $+\infty$	$\ominus$	$\ominus$	$\ominus$ $-\infty$

$f(x) = \cot x$, domain: $x \neq n\pi$, asymptotes: $x = n\pi$

Range: $(-\infty, \infty)$, Period: π