

		x	y	$\frac{y}{x} \frac{\sin \theta}{\cos \theta}$			
m ^R	m ⁰	cos θ	sin θ	tan θ	sec θ	csc θ	cot θ
0	0	1	0	0	1	undef	undef
$\pi/6$	30	$\sqrt{3}/2$	$1/2$	$1/\sqrt{3} = \sqrt{3}/3$	$2/\sqrt{3}$	2	$\sqrt{3}$
$\pi/4$	45	$\sqrt{2}/2$	$\sqrt{2}/2$	1	$2/\sqrt{2} = \sqrt{2}$	$2/\sqrt{2}$	1
$\pi/3$	60	$1/2$	$\sqrt{3}/2$	$\sqrt{3}$	2	$2/\sqrt{3}$	$1/\sqrt{3}$
$\pi/2$	90	0	1	undef	undef	1	0
$2\pi/3$	120	$-1/2$	$\sqrt{3}/2$	$-\sqrt{3}$	-2	$2/\sqrt{3}$	$-1/\sqrt{3}$
$3\pi/4$	135	$-\sqrt{2}/2$	$\sqrt{2}/2$	-1	$-2/\sqrt{2}$	$2/\sqrt{2}$	-1
$5\pi/6$	150	$-\sqrt{3}/2$	$1/2$	$-1/\sqrt{3}$	$-2/\sqrt{3}$	2	$-\sqrt{3}$
π	180	-1	0	0	-1	undef	undef
$7\pi/6$	210	$-\sqrt{3}/2$	$-1/2$	$1/\sqrt{3}$	$-2/\sqrt{3}$	-2	$\sqrt{3}$
$5\pi/4$	225	$-\sqrt{2}/2$	$-\sqrt{2}/2$	1	$-2/\sqrt{2}$	$-2/\sqrt{2}$	1
$4\pi/3$	240	$-1/2$	$-\sqrt{3}/2$	$\sqrt{3}$	-2	$-2/\sqrt{3}$	$1/\sqrt{3}$
$3\pi/2$	270	0	-1	undef	undef	-1	0
$5\pi/3$	300	$1/2$	$-\sqrt{3}/2$	$-\sqrt{3}$	2	$-2/\sqrt{3}$	$-1/\sqrt{3}$
$7\pi/4$	315	$\sqrt{2}/2$	$-\sqrt{2}/2$	-1	$2/\sqrt{2}$	$-2/\sqrt{2}$	-1
$11\pi/6$	330	$\sqrt{3}/2$	$-1/2$	$-1/\sqrt{3}$	$2/\sqrt{3}$	-2	$-\sqrt{3}$
2π	360	1	0	0	1	undef	undef

$-\pi/3$
 $-\pi/4$
 $-\pi/6$