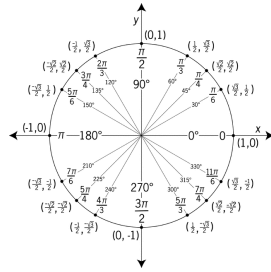
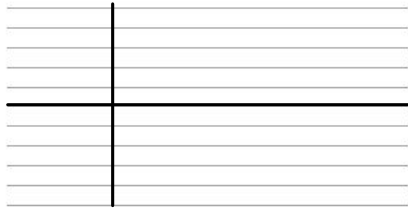


Graphing Tangent & Cotangent

Investigating the Tangent Function

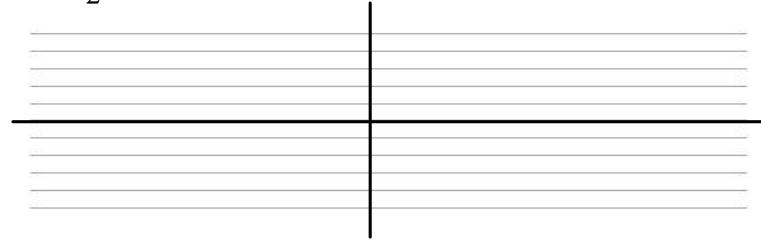
x	y=tanx
$-\pi/2$	undef.
$-\pi/4$	-1
0	0
$\pi/4$	1
$\pi/2$	undef.
$3\pi/4$	-1
π	0
$5\pi/4$	1
$3\pi/2$	undef.



Graphing Tangent

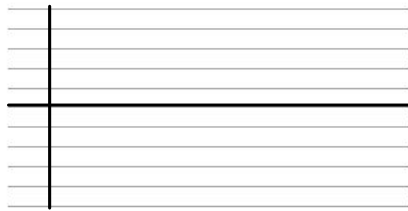
Graph 1 period and state the domain and range of that period.

$$y = -\frac{1}{2} \tan(2x)$$



Investigating the Cotangent Function

x	y=cotx
0	undef.
$\pi/4$	1
$\pi/2$	0
$3\pi/4$	-1
π	undef.
$5\pi/4$	1
$3\pi/2$	0
$7\pi/4$	-1
2π	undef.



Graphing Cotangent

Graph 1 period and state the domain and range of that period.

$$y = 3\cot(\theta - 45^\circ) + 2$$

