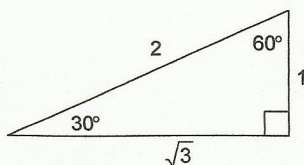
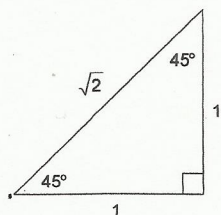


θ	$\sin \theta$ (y)	$\cos \theta$ (x)	$\tan \theta$ (y/x)
0	0	1	0
$\frac{\pi}{6} = 30^\circ$	$\frac{1}{2}$	$\frac{\sqrt{3}}{2}$	$\frac{1}{\sqrt{3}} = \frac{\sqrt{3}}{3}$
$\frac{\pi}{4} = 45^\circ$	$\frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$	$\frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$	1
$\frac{\pi}{3} = 60^\circ$	$\frac{\sqrt{3}}{2}$	$\frac{1}{2}$	$\frac{\sqrt{3}}{1} = \sqrt{3}$
$\frac{\pi}{2} = 90^\circ$	1	0	\emptyset (undefined)



Reference Angle (Number) Color Key

[Red] – reference angles = 30°

[Blue] – reference angles = 45°

[Green] – reference angles = 60°

terminal point = $(x, y) = (\cos \theta, \sin \theta)$

