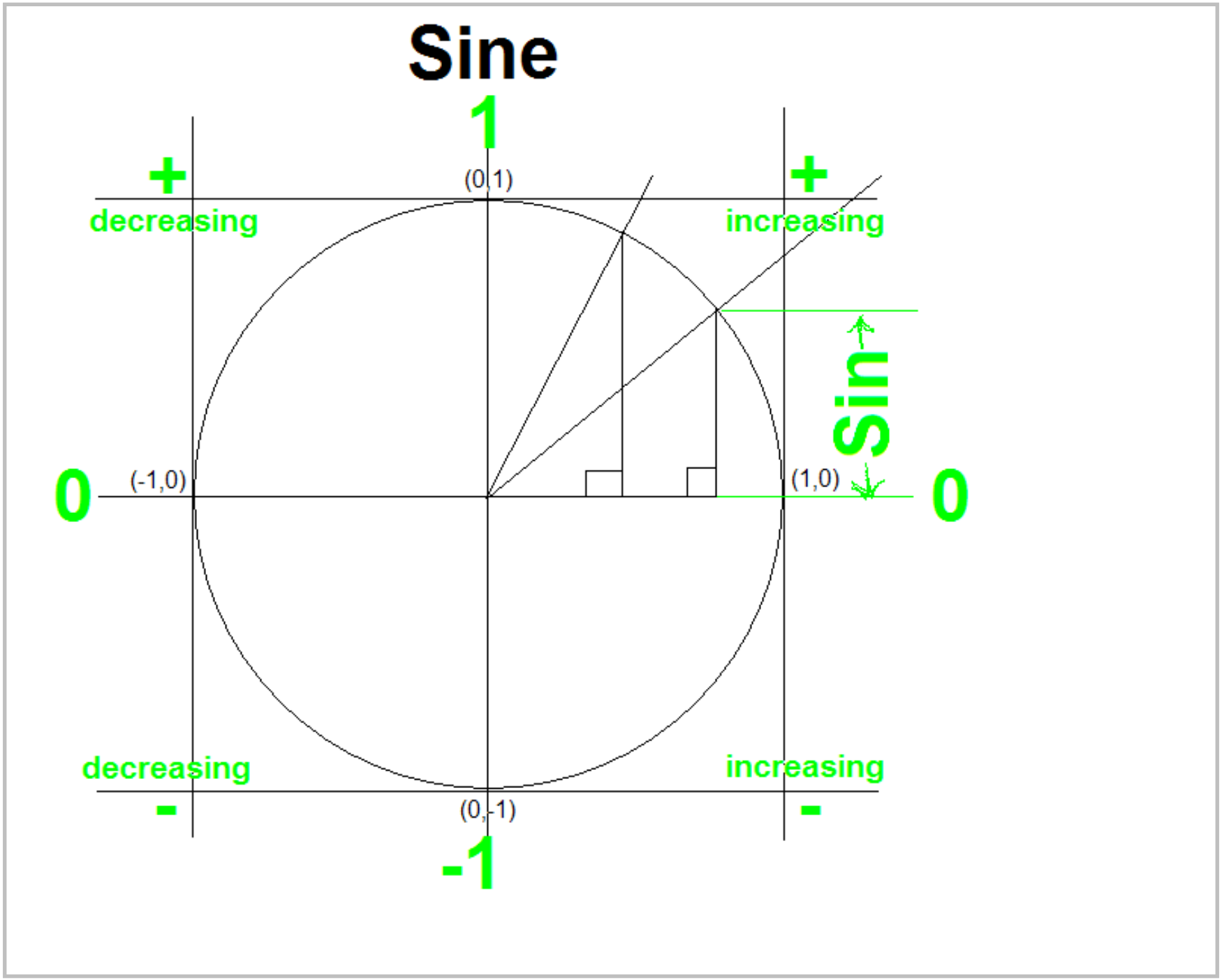
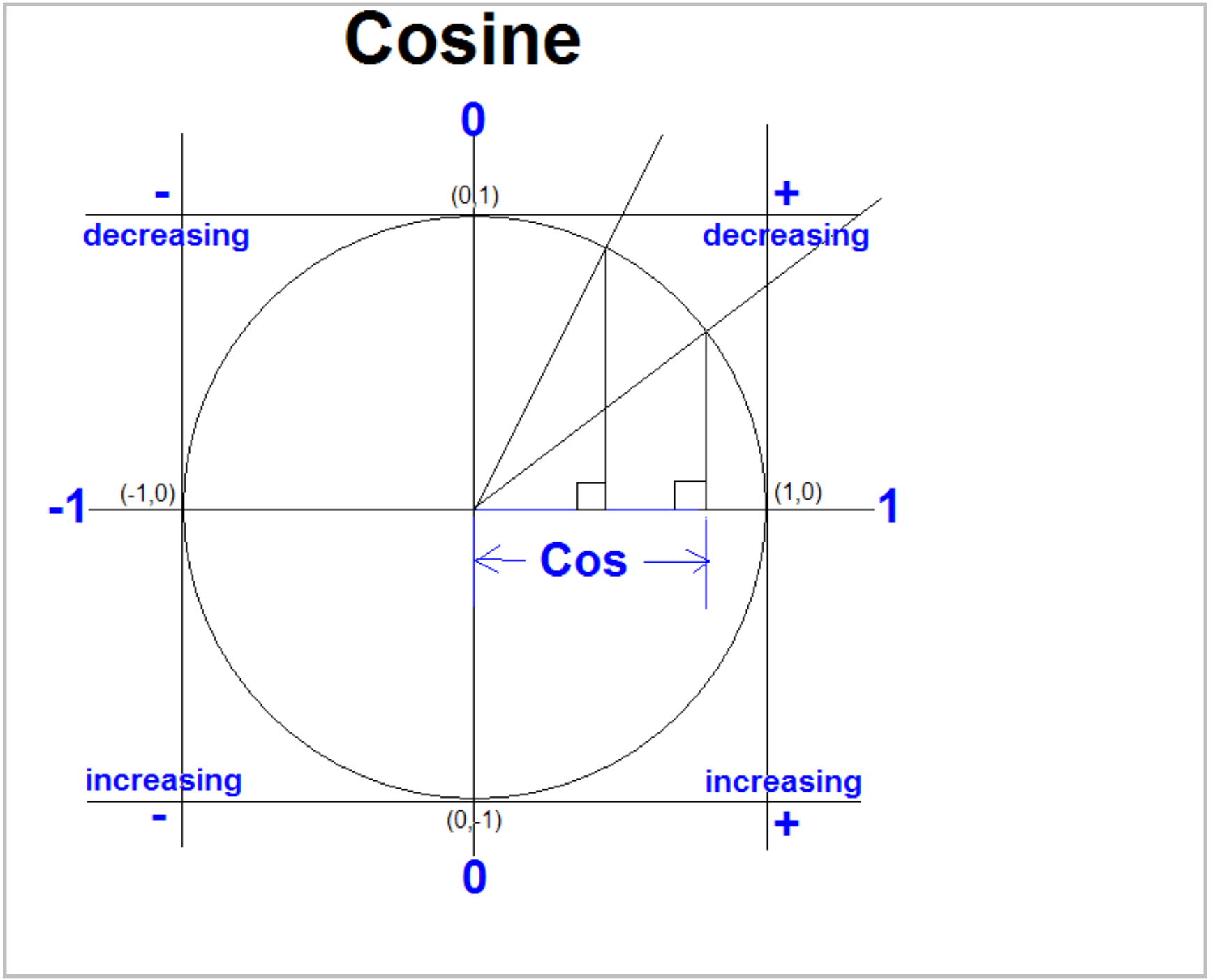
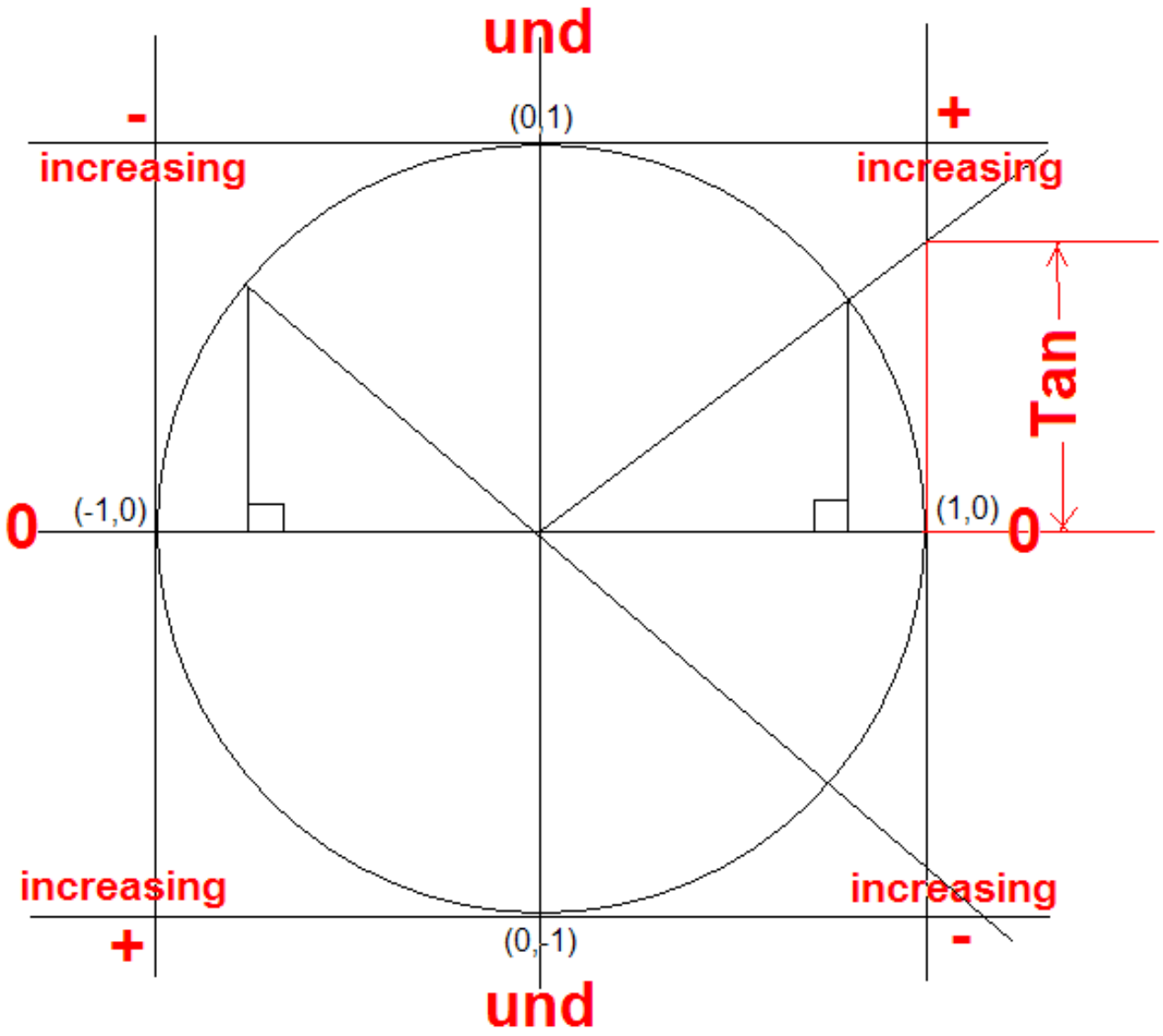
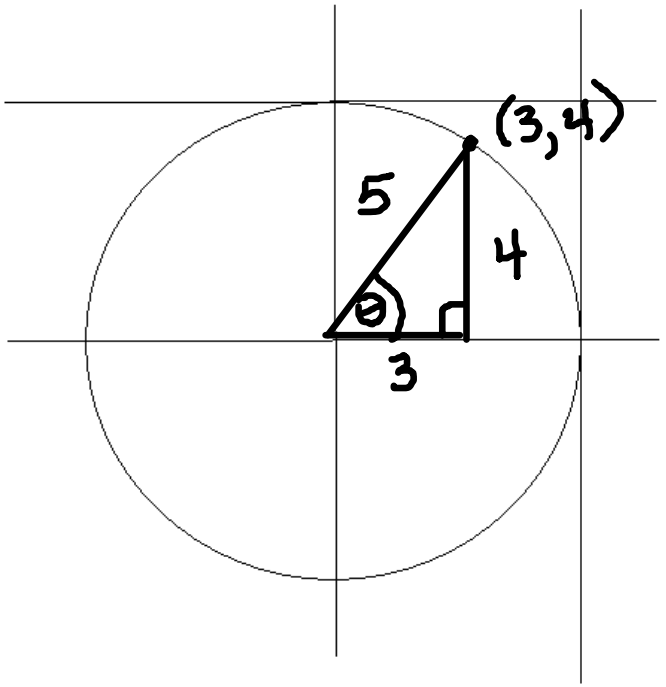

Sine
1
+
(0,1)
+
decreasing
increasing
Sin
0
(-1,0)
(1,0)
0
decreasing
increasing
-
(0,-1)
-
-1


Cosine
0
-
(0,1)
+
decreasing
decreasing
-1
(-1,0)
(1,0)
1
Cos
increasing
increasing
-
(0,-1)
+
0

Tangent


und
-
increasing
(0,1)
+
increasing
Tan
0
(-1,0)
(1,0)
0
increasing
+
(0,-1)
increasing
-
und



$3^2+4^2=h^2$

$9+16=h^2$

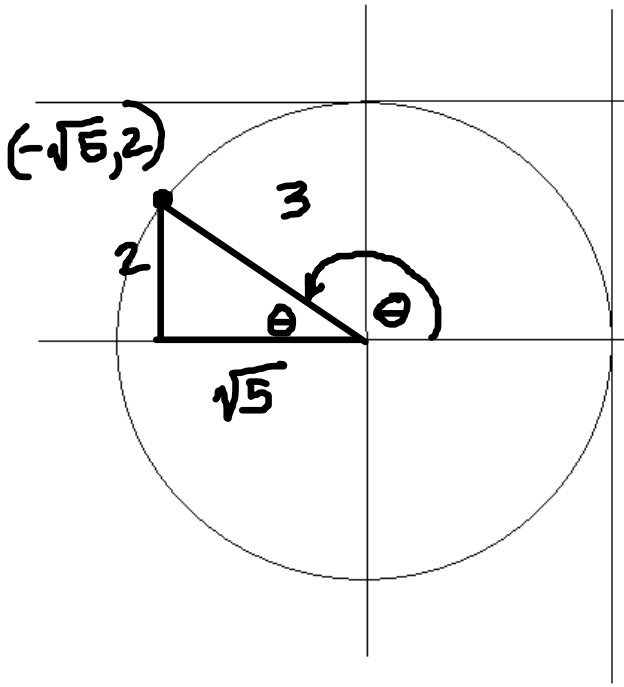
$25=h^2$

$5=h$

$\sin\theta=\frac{4}{5}$

$\cos\theta=\frac{3}{5}$

$\tan\theta=\frac{4}{3}$



$h^2 = 2^2 + (\sqrt{5})^2$

$h^2 = 4 + 5$

$h^2 = 9$

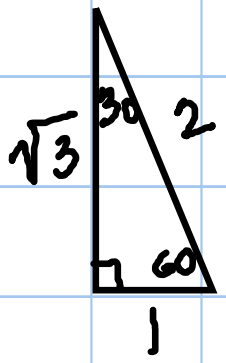
$h = 3$

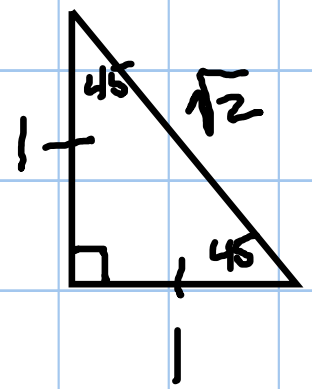
$\sin\theta = \frac{2}{3}$

$\cos\theta = \frac{-\sqrt{5}}{3}$

$\tan\theta = \frac{2}{\sqrt{5}}$

	0	$\frac{\pi}{6}$	$\frac{\pi}{4}$	$\frac{\pi}{3}$	$\frac{\pi}{2}$	$\frac{2\pi}{3}$	$\frac{3\pi}{4}$	$\frac{5\pi}{6}$	π	$\frac{7\pi}{6}$	$\frac{5\pi}{4}$	$\frac{4\pi}{3}$	$\frac{3\pi}{2}$	$\frac{5\pi}{3}$	$\frac{7\pi}{4}$
	0	30	45	60	90	120	135	150	180	210	225	240	270	300	315
SIN	0	$\frac{1}{2}$	$\frac{1}{\sqrt{2}}$	$\frac{\sqrt{3}}{2}$	1	$\frac{\sqrt{3}}{2}$	$\frac{1}{\sqrt{2}}$	$\frac{1}{2}$	0	$-\frac{1}{2}$	$-\frac{1}{\sqrt{2}}$	$-\frac{\sqrt{3}}{2}$	-1	$-\frac{\sqrt{3}}{2}$	$-\frac{1}{\sqrt{2}}$
COS	1	$\frac{\sqrt{3}}{2}$	$\frac{1}{\sqrt{2}}$	$\frac{1}{2}$	0	$-\frac{1}{2}$	$-\frac{1}{\sqrt{2}}$	$-\frac{\sqrt{3}}{2}$	-1	$-\frac{\sqrt{3}}{2}$	$-\frac{1}{\sqrt{2}}$	$-\frac{1}{2}$	0	$\frac{1}{2}$	$\frac{1}{\sqrt{2}}$
TAN	0	$\frac{1}{\sqrt{3}}$	1	$\sqrt{3}$	UND	$-\sqrt{3}$	-1	$-\frac{1}{\sqrt{3}}$	0	$\frac{1}{\sqrt{3}}$	1	$\sqrt{3}$	UND	$-\sqrt{3}$	-1





														$\frac{11\pi}{6}$	2π
														330	360
													SIN	$-\frac{1}{2}$	0
													COS	$\frac{\sqrt{3}}{2}$	1
													TAN	$-\frac{1}{\sqrt{3}}$	0

3.5 #31. $33\frac{1}{3}\ \frac{\text{REV}}{\text{MIN}}$ $\frac{33\frac{1}{3}\cdot 2\pi}{\text{MIN}} = \frac{66\frac{2}{3}\pi}{\text{MIN}}$

#41. $\frac{2\pi \text{ radians}}{\text{day}}$