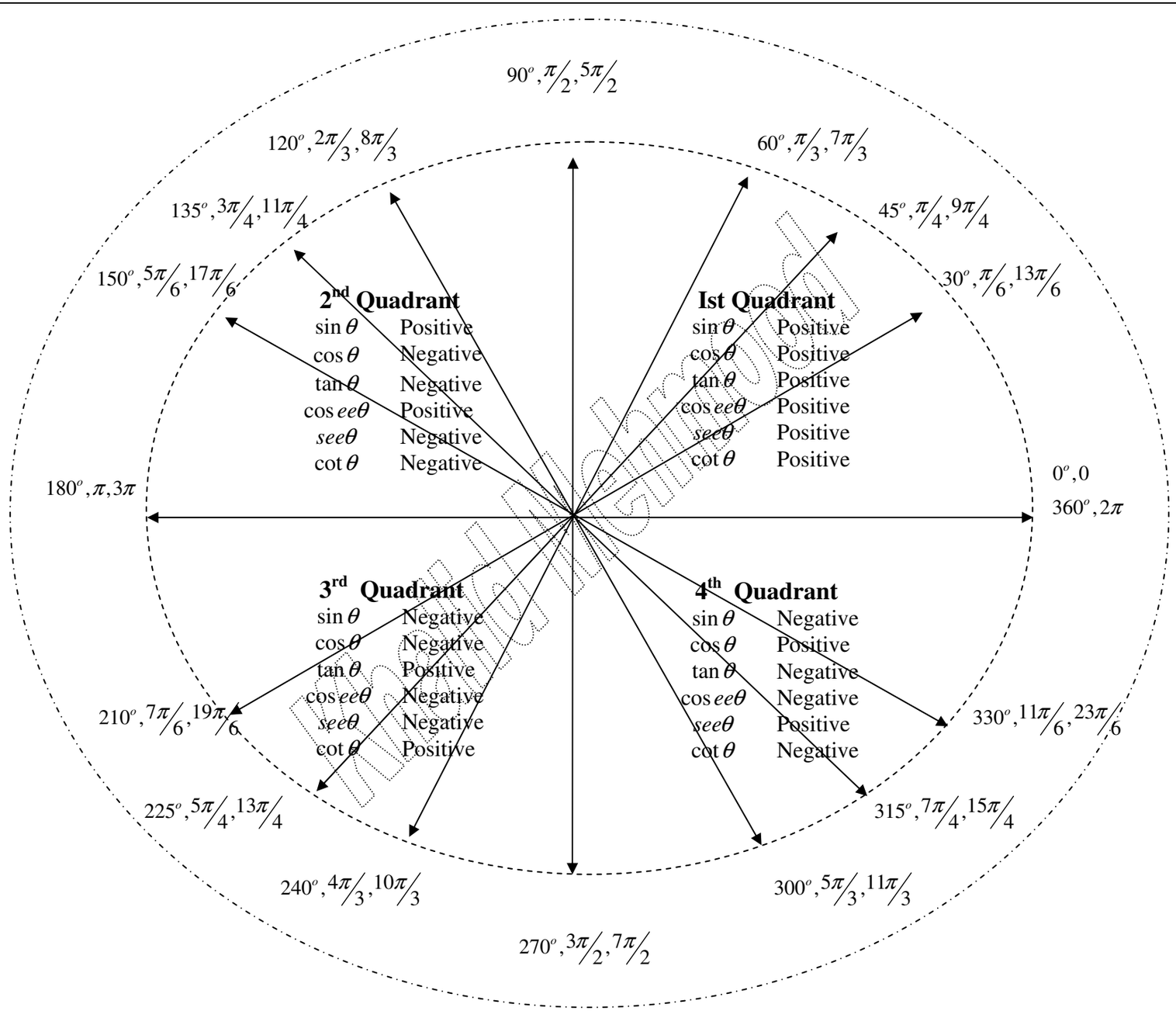
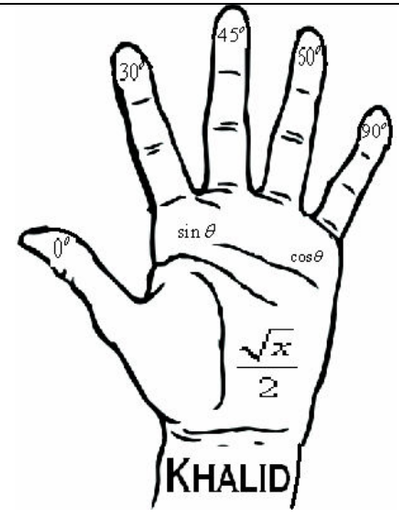
Anti clock wise			Table for various Trigonometric Functions						Clock wise		
θ	1st Round	2nd Round	$\sin\theta$	$\cos\theta$	$\tan\theta$	$\cos ec\theta$	$sec\theta$	$\cot\theta$	θ	1st Round	2nd Round
0^o	0	2π	0	1	0	∞	1	∞	360^o	2π	4π
30^o	$\pi/6$	$13\pi/6$	$1/2 = 0.5$	$\sqrt{3}/2 = 0.866$	$1/\sqrt{3} = 0.577$	2	$2/\sqrt{3} = 1.155$	$\sqrt{3} = 1.732$	330^o	$11\pi/6$	$23\pi/6$
45^o	$\pi/4$	$9\pi/4$	$1/\sqrt{2} = 0.707$	$1/\sqrt{2} = 0.707$	1	$\sqrt{2} = 1.414$	$\sqrt{2} = 1.414$	$\sqrt{2} = 1.414$	315^o	$7\pi/4$	$15\pi/4$
60^o	$\pi/3$	$7\pi/3$	$\sqrt{3}/2 = 0.866$	$1/2 = 0.5$	$\sqrt{3} = 1.732$	$2/\sqrt{3} = 1.155$	2	$1/\sqrt{3} = 0.577$	300^o	$5\pi/3$	$11\pi/3$
90^o	$\pi/2$	$5\pi/2$	1	0	∞	1	∞	0	270^o	$3\pi/2$	$7\pi/2$
120^o	$2\pi/3$	$8\pi/3$	$\sqrt{3}/2 = 0.866$	$-1/2 = -0.5$	$-\sqrt{3} = -1.732$	$2/\sqrt{3} = 1.155$	-2	$-1/\sqrt{3} = -0.577$	240^o	$4\pi/3$	$10\pi/3$
135^o	$3\pi/4$	$11\pi/4$	$1/\sqrt{2} = 0.707$	$-1/\sqrt{2} = -0.707$	-1	$\sqrt{2} = 1.414$	$-\sqrt{2} = -1.414$	-1	225^o	$5\pi/4$	$13\pi/4$
150^o	$5\pi/6$	$17\pi/6$	$1/2 = 0.5$	$-\sqrt{3}/2 = -0.866$	$-1/\sqrt{3} = -0.577$	2	$-2/\sqrt{3} = -1.155$	$-\sqrt{3} = -1.732$	210^o	$7\pi/6$	$19\pi/6$
180^o	π	3π	0	-1	0	∞	-1	∞	180^o	π	3π
210^o	$7\pi/6$	$19\pi/6$	$-1/2 = -0.5$	$-\sqrt{3}/2 = -0.866$	$1/\sqrt{3} = 0.577$	-2	$-2/\sqrt{3} = -1.155$	$\sqrt{3} = 1.732$	150^o	$5\pi/6$	$17\pi/6$
225^o	$5\pi/4$	$13\pi/4$	$-1/\sqrt{2} = -0.707$	$-1/\sqrt{2} = -0.707$	1	$-\sqrt{2} = -1.414$	$-\sqrt{2} = -1.414$	1	135^o	$3\pi/4$	$11\pi/4$
240^o	$4\pi/3$	$10\pi/3$	$-\sqrt{3}/2 = -0.866$	$-1/2 = -0.5$	$\sqrt{3} = 1.732$	$-2/\sqrt{3} = -1.155$	-2	$1/\sqrt{3} = 0.577$	120^o	$2\pi/3$	$8\pi/3$
270^o	$3\pi/2$	$7\pi/2$	-1	0	∞	-1	∞	0	90^o	$\pi/2$	$5\pi/2$
300^o	$5\pi/3$	$11\pi/3$	$-\sqrt{3}/2 = -0.866$	$1/2 = 0.5$	$-\sqrt{3} = -1.732$	$-2/\sqrt{3} = -1.155$	2	$-\sqrt{3} = -1.732$	60^o	$\pi/3$	$7\pi/3$
315^o	$7\pi/4$	$15\pi/4$	$-1/\sqrt{2} = -0.707$	$1/\sqrt{2} = 0.707$	-1	$-\sqrt{2} = -1.414$	$\sqrt{2} = 1.414$	-1	45^o	$\pi/4$	$9\pi/4$
330^o	$11\pi/6$	$23\pi/6$	$-1/2 = -0.5$	$\sqrt{3}/2 = 0.866$	$-1/\sqrt{3} = -0.577$	-2	$2/\sqrt{3} = 1.155$	$-\sqrt{3} = -1.732$	30^o	$\pi/6$	$13\pi/6$
360^o	2π	4π	0	1	0	∞	1	∞	0^o	0	2π





SOH ⇒	$\sin\theta = \frac{Opposite}{hypotenuse}$
CAH ⇒	$\cos\theta = \frac{Adjacent}{hypotenuse}$
TOA ⇒	$\tan\theta = \frac{Opposite}{Adjacent}$

If we have to find trigonometric ratio of sin 60 then we will fold ring finger (finger of 60) and count how many finger are there left side of the folded finger that are three so $\sin 60^\circ = \frac{\sqrt{3}}{2}$ in this way when we count how many fingers are right side of the folded finger that is only one finger so $\cos 60^\circ = \frac{\sqrt{1}}{2} = \frac{1}{2}$