UNIT CIRCLE REFERENCE CHART

Coordinates (cos θ, sin θ)

0 90 180 270

Quadrant I (0 - 90)

Degrees	Radians	(x, y)
0	0	(1, 0)
30	π/6	(√3/2, 1/2)
45	π/4	(√2/2, √2/2)
60	π/3	(1/2, √3/2)
90	π/2	(0, 1)

Quadrant II (90 - 180)

120	2π/3	(-1/2, √3/2)
135	3π/4	(-√2/2, √2/2)
150	5π/6	(-√3/2, 1/2)
180	π	(-1, 0)

Quadrant III (180 - 270)

Degrees	Radians	(x, y)
210	7π/6	(-√3/2, -1/2)
225	5π/4	(-√2/2, -√2/2)
240	4π/3	(-1/2, -√3/2)
270	3π/2	(0, -1)

Quadrant IV (270 - 360)

300	5π/3	(1/2, -√3/2)
315	7π/4	(√2/2, -√2/2)
330	11π/6	(√3/2, -1/2)

360 2π (1, 0)

sin(θ) = y cos(θ) = x tan(θ) = y/x r = 1