

Unit Circle Reference

DEGREES

RADIANS

COORDINATES (X, Y)

Quadrant I

0

0

(1, 0)

30

$\pi/6$

$(\sqrt{3}/2, 1/2)$

45

$\pi/4$

$(\sqrt{2}/2, \sqrt{2}/2)$

60

$\pi/3$

$(1/2, \sqrt{3}/2)$

90

$\pi/2$

(0, 1)

Quadrant II

DEGREES	RADIANS	COORDINATES (X, Y)
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120	$2\pi/3$	$(-1/2, \sqrt{3}/2)$
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135	$3\pi/4$	$(-\sqrt{2}/2, \sqrt{2}/2)$
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150	$5\pi/6$	$(-\sqrt{3}/2, 1/2)$
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180	π	$(-1, 0)$
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Quadrant III

210	$7\pi/6$	$(-\sqrt{3}/2, -1/2)$
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225	$5\pi/4$	$(-\sqrt{2}/2, -\sqrt{2}/2)$
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240	$4\pi/3$	$(-1/2, -\sqrt{3}/2)$
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DEGREES

RADIANS

COORDINATES (X, Y)

270

$3\pi/2$

$(0, -1)$

Quadrant IV

300

$5\pi/3$

$(1/2, -\sqrt{3}/2)$

315

$7\pi/4$

$(\sqrt{2}/2, -\sqrt{2}/2)$

330

$11\pi/6$

$(\sqrt{3}/2, -1/2)$

360

2π

$(1, 0)$