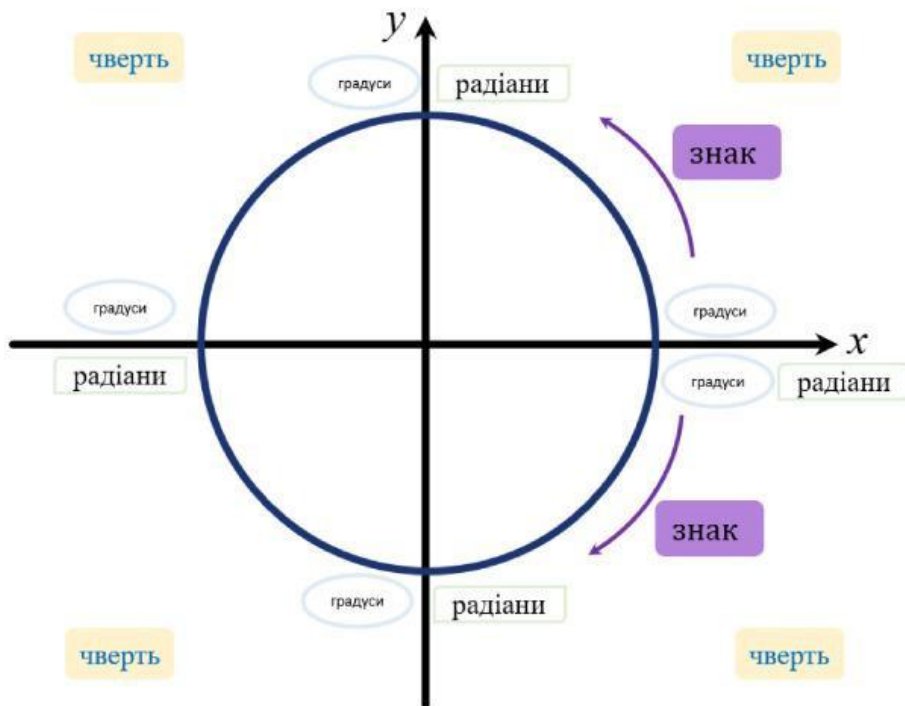




I	+
II	-
III	
IV	

30°	180°
90°	60°
360°	45°
0°	270°

$\frac{\pi}{2}$	2π
$\frac{2\pi}{3}$	$\frac{3\pi}{2}$
π	3π



A unit circle diagram centered at the origin of a Cartesian coordinate system. The circle has a radius of 1. The x-axis is labeled 'x' and the y-axis is labeled 'y'. The circle is divided into 12 sectors by lines from the origin to the circumference. The angles are labeled in degrees (градуси) and radians (радіани) around the circle. The x and y coordinates for each angle are indicated by dashed lines to the axes. The values are as follows:

Angle (Degrees)	Angle (Radians)	x (cos)	y (sin)
0	0	1	0
30	$\frac{\pi}{6}$	$\frac{\sqrt{3}}{2}$	$\frac{1}{2}$
45	$\frac{\pi}{4}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$
60	$\frac{\pi}{3}$	$\frac{1}{2}$	$\frac{\sqrt{3}}{2}$
90	$\frac{\pi}{2}$	0	1
120	$\frac{2\pi}{3}$	$-\frac{1}{2}$	$\frac{\sqrt{3}}{2}$
135	$\frac{3\pi}{4}$	$-\frac{\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$
150	$\frac{5\pi}{6}$	$-\frac{\sqrt{3}}{2}$	$\frac{1}{2}$
180	π	-1	0
210	$\frac{7\pi}{6}$	$-\frac{\sqrt{3}}{2}$	$-\frac{1}{2}$
225	$\frac{5\pi}{4}$	$-\frac{\sqrt{2}}{2}$	$-\frac{\sqrt{2}}{2}$
240	$\frac{4\pi}{3}$	$-\frac{1}{2}$	$-\frac{\sqrt{3}}{2}$
270	$\frac{3\pi}{2}$	0	-1
300	$\frac{5\pi}{3}$	$\frac{1}{2}$	$-\frac{\sqrt{3}}{2}$
315	$\frac{7\pi}{4}$	$\frac{\sqrt{2}}{2}$	$-\frac{\sqrt{2}}{2}$
330	$\frac{11\pi}{6}$	$\frac{\sqrt{3}}{2}$	$-\frac{1}{2}$
360	2π	1	0

$\frac{5\pi}{4}$	$\frac{\pi}{3}$	$\frac{\pi}{4}$	$\frac{11\pi}{6}$
$\frac{3\pi}{2}$	$\frac{2\pi}{3}$	$\frac{\pi}{6}$	$\frac{3\pi}{4}$
π	$\frac{4\pi}{3}$	$\frac{5\pi}{6}$	$\frac{7\pi}{6}$
$\frac{7\pi}{4}$	$\frac{\pi}{2}$	$\frac{5\pi}{3}$	2π

			360°
30°	180°	225°	120°
150°	315°	90°	60°
300°	45°	135°	240°
0°	210°	330°	270°