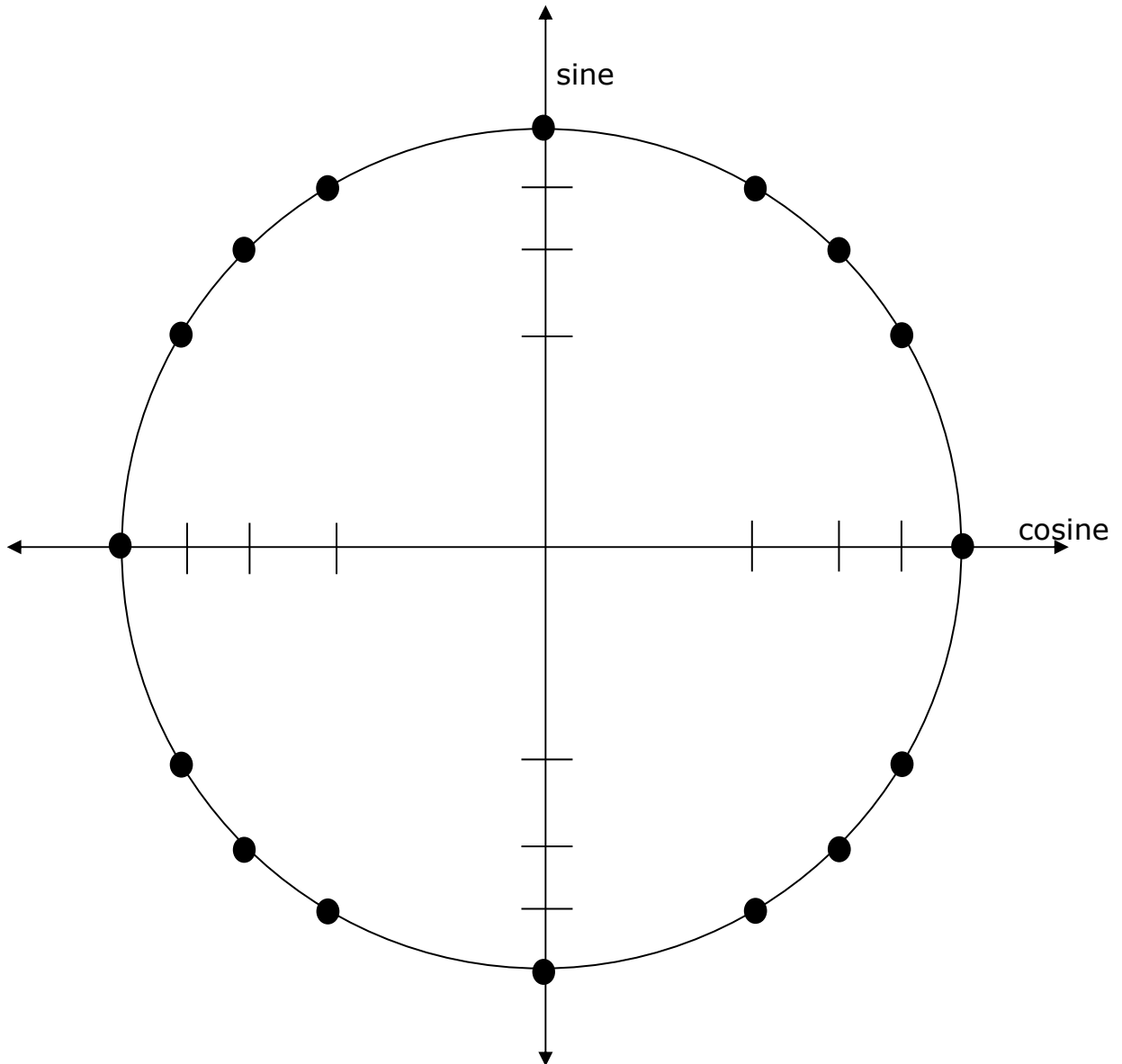


# The Unit Circle



$$\sin x$$

$$\cos x$$

$$\tan x = \frac{\sin x}{\cos x}$$

$$\cot x = \frac{1}{\tan x} = \frac{\cos x}{\sin x}$$

$$\sec x = \frac{1}{\cos x}$$

$$\csc x = \frac{1}{\sin x}$$

# Trigonometric Ratios

Write each ratio as a whole number or fraction.

Angle		Ratios					
Degrees	Radians	$\sin \theta$	$\cos \theta$	$\tan \theta$	$\cot \theta$	$\sec \theta$	$\csc \theta$
0							
30							
45							
60							
90							
120							
135							
150							
180							
210							
225							
240							
270							
300							
315							
330							
360							