

Name:

Trigonometric Graphs

Use your unit circle to fill in the coordinates of the following. Use them to make careful plots of the graphs of sine and cosine.

Sine

$\theta(^{\circ})$	0	30	45	60	90	120	135	150	180	210	225	240	270	300
$\sin(\theta)$	0	0.5												

$\theta(^{\circ})$	315	330	360
$\sin(\theta)$			

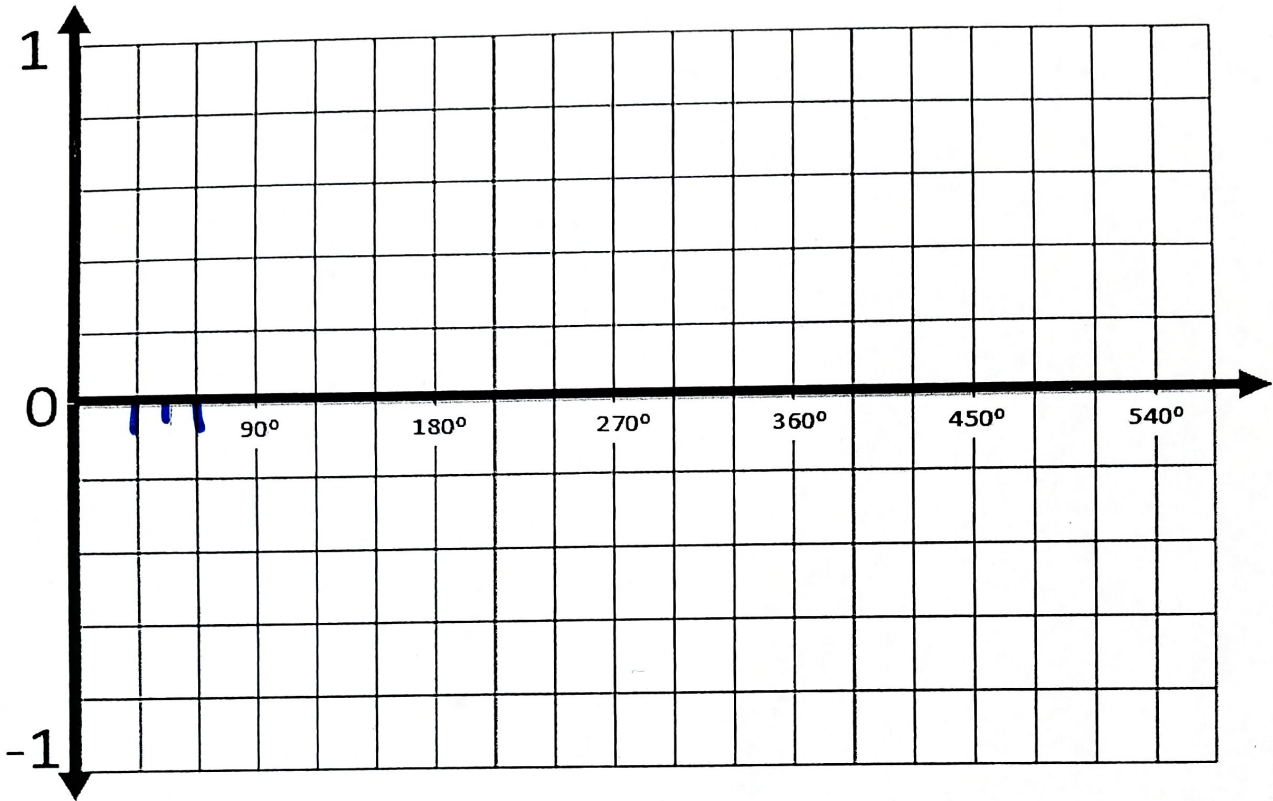
Cosine

$\theta(^{\circ})$	0	30	45	60	90	120	135	150	180	210	225	240	270	300
$\cos(\theta)$	1	.87												

$\theta(^{\circ})$	315	330	360
$\cos(\theta)$			

Can you describe the relationship between the graphs of Sine and Cosine?

Sin(θ)



Cosine(θ)

