

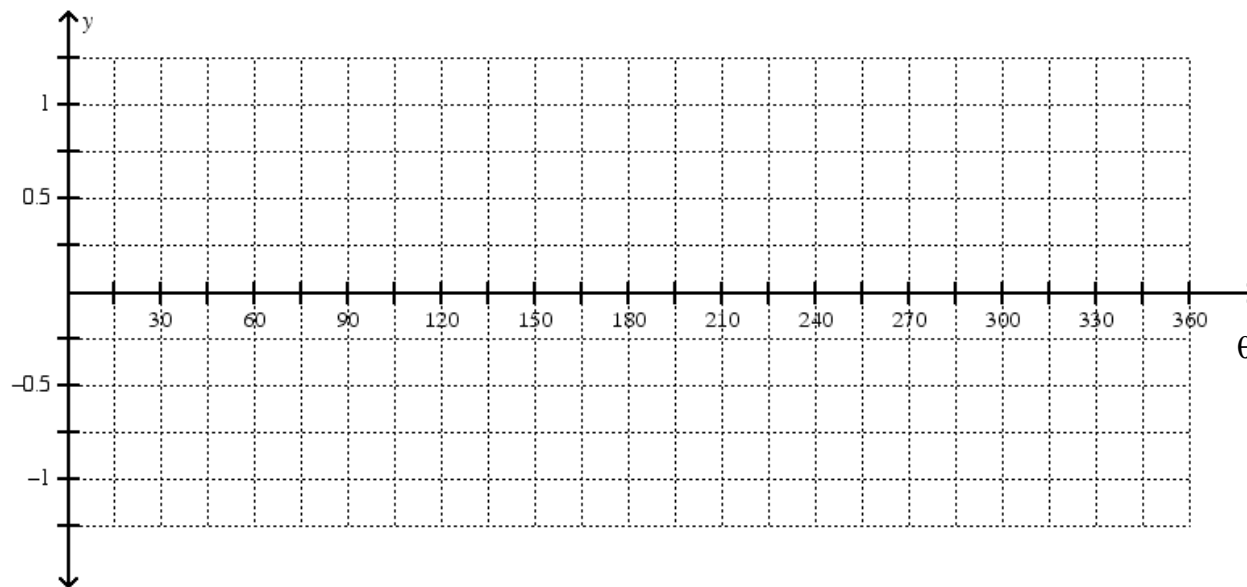
Graphs of $y = \cos \theta$ and $y = \sin \theta$

Complete the table of values using special triangles, the unit circle or your calculator. Use your answers to graph the function.

Angle, θ	0°	30°	45°	60°	90°	120°	135°	150°	180°	210°	225°	240°	270°	300°	315°	330°	360°
$y = \cos \theta$																	

Round your ratio values to two decimal places; you can't graph with more accuracy!

1. $y = \cos \theta$



Key Properties:

Maximum value =

Amplitude =

Axis of the curve:

Minimum value =

Period =

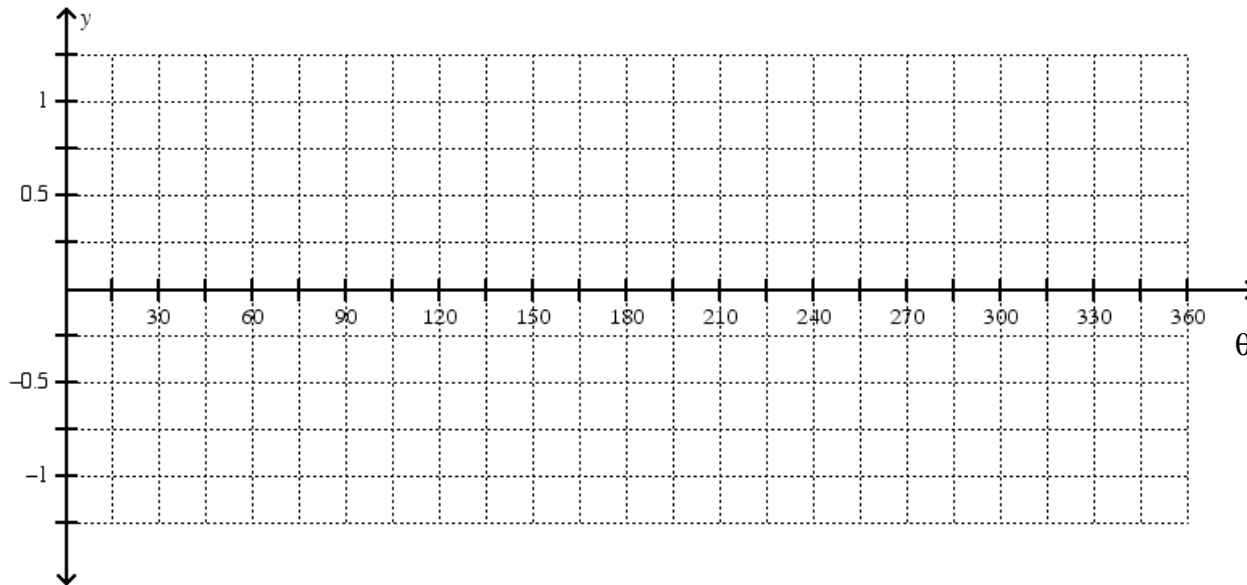
y -intercept =

Complete the table of values using special triangles, the unit circle or your calculator. Use your answers to graph the function.

Angle, θ	0°	30°	45°	60°	90°	120°	135°	150°	180°	210°	225°	240°	270°	300°	315°	330°	360°
$y = \sin \theta$																	

Round your ratio values to two decimal places; you can't graph with more accuracy!

2. $y = \sin \theta$



Key Properties:

Maximum value =

Amplitude =

Axis of the curve:

Minimum value =

Period =

y -intercept =

Compare and contrast the two graphs: _____

