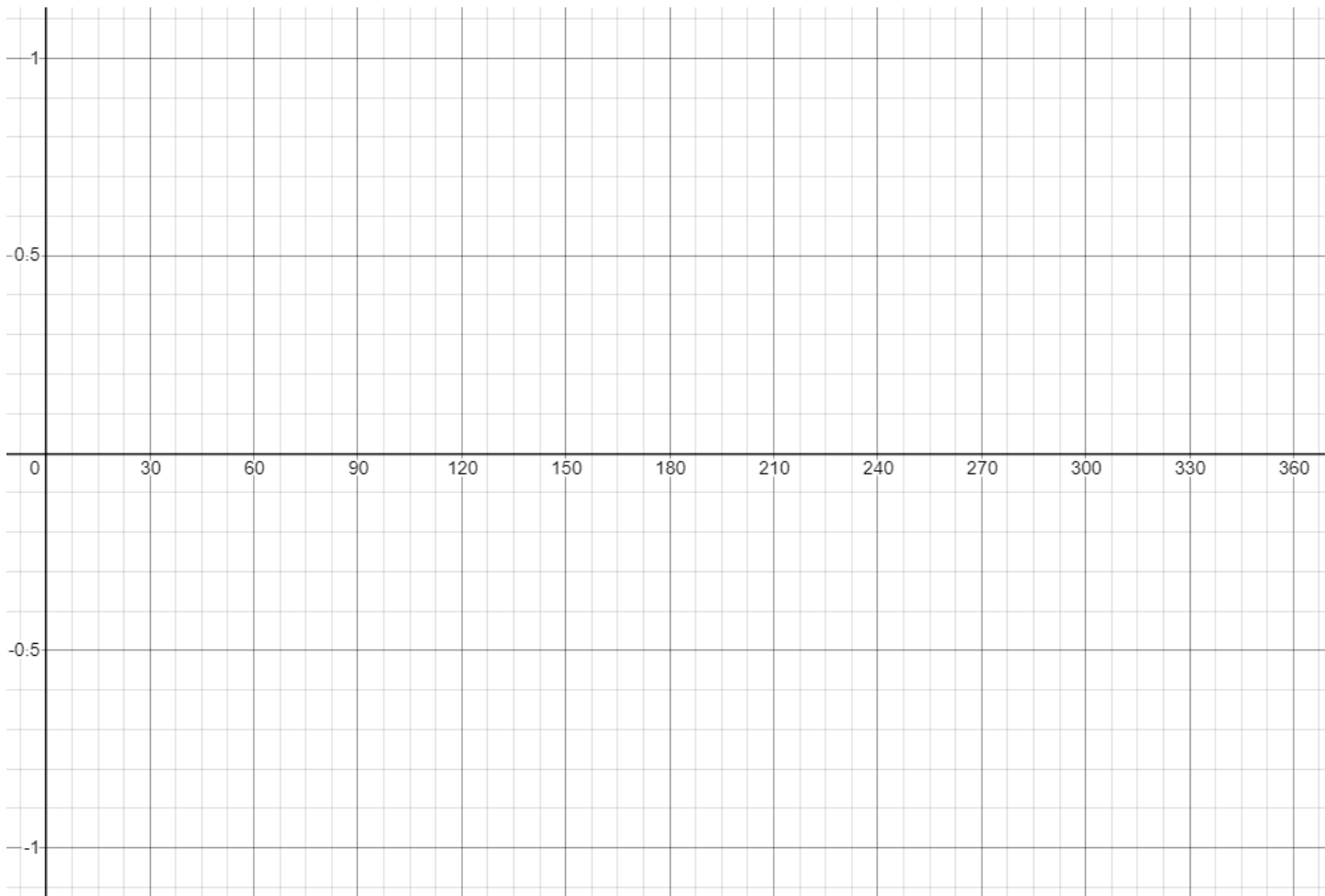


## 5.20 Sine and Cosine Curves

1. Fill in the table below and graph the resulting data.

$\theta$	0°	30°	45°	60°	90°	120°	135°	150°	180°
$\sin \theta$									

210°	225°	240°	270°	300°	315°	330°	360°

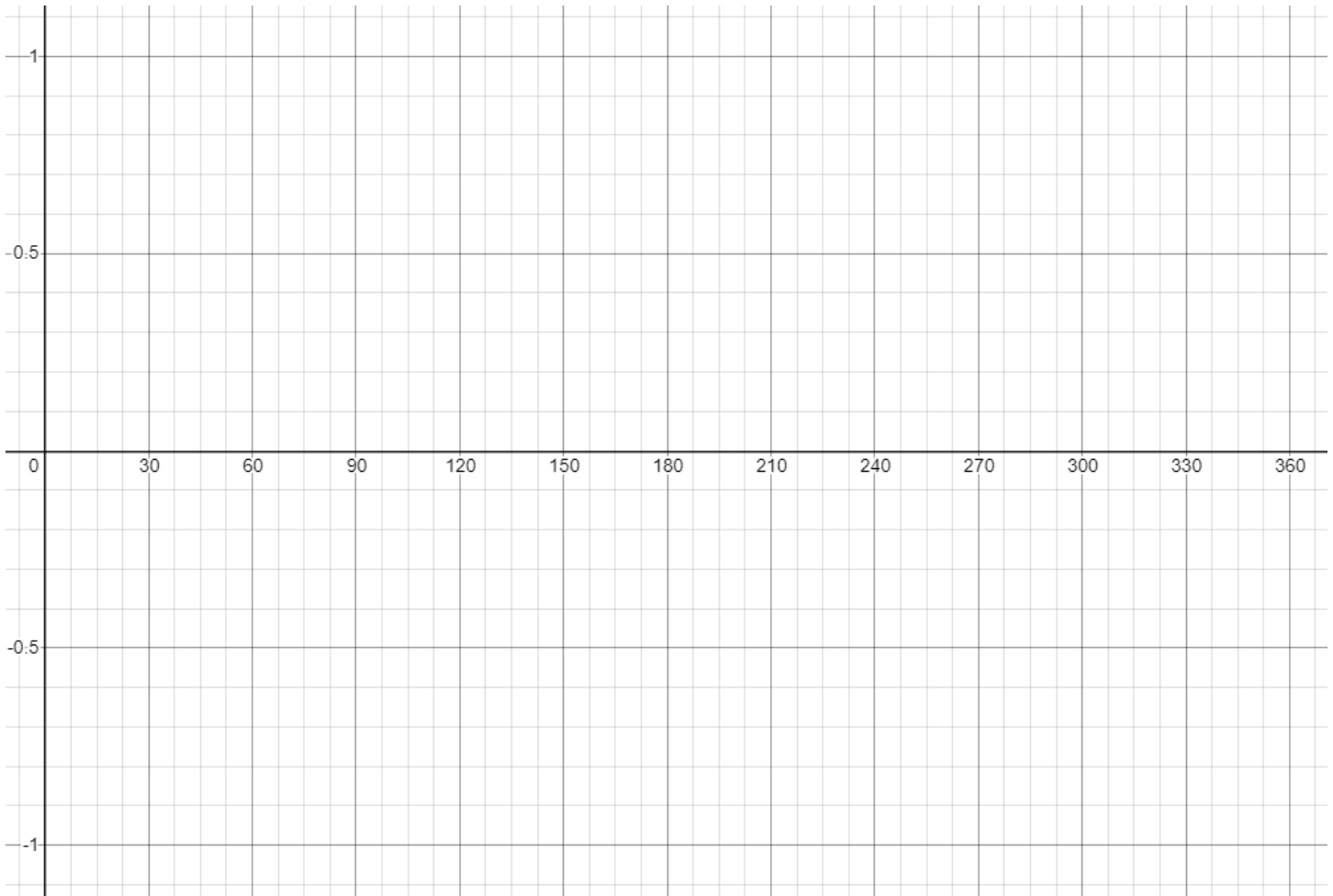


$y = \sin \theta$	
<b>Maximum</b>	
<b>Minimum</b>	
<b>Axis of Curve</b>	
<b>Amplitude</b>	
<b>Period</b>	
<b>x-intercept(s)</b>	
<b>y-intercept</b>	

2. Fill in the table below and graph the resulting data.

$\theta$	$0^\circ$	$30^\circ$	$45^\circ$	$60^\circ$	$90^\circ$	$120^\circ$	$135^\circ$	$150^\circ$	$180^\circ$
$\cos \theta$									

$210^\circ$	$225^\circ$	$240^\circ$	$270^\circ$	$300^\circ$	$315^\circ$	$330^\circ$	$360^\circ$

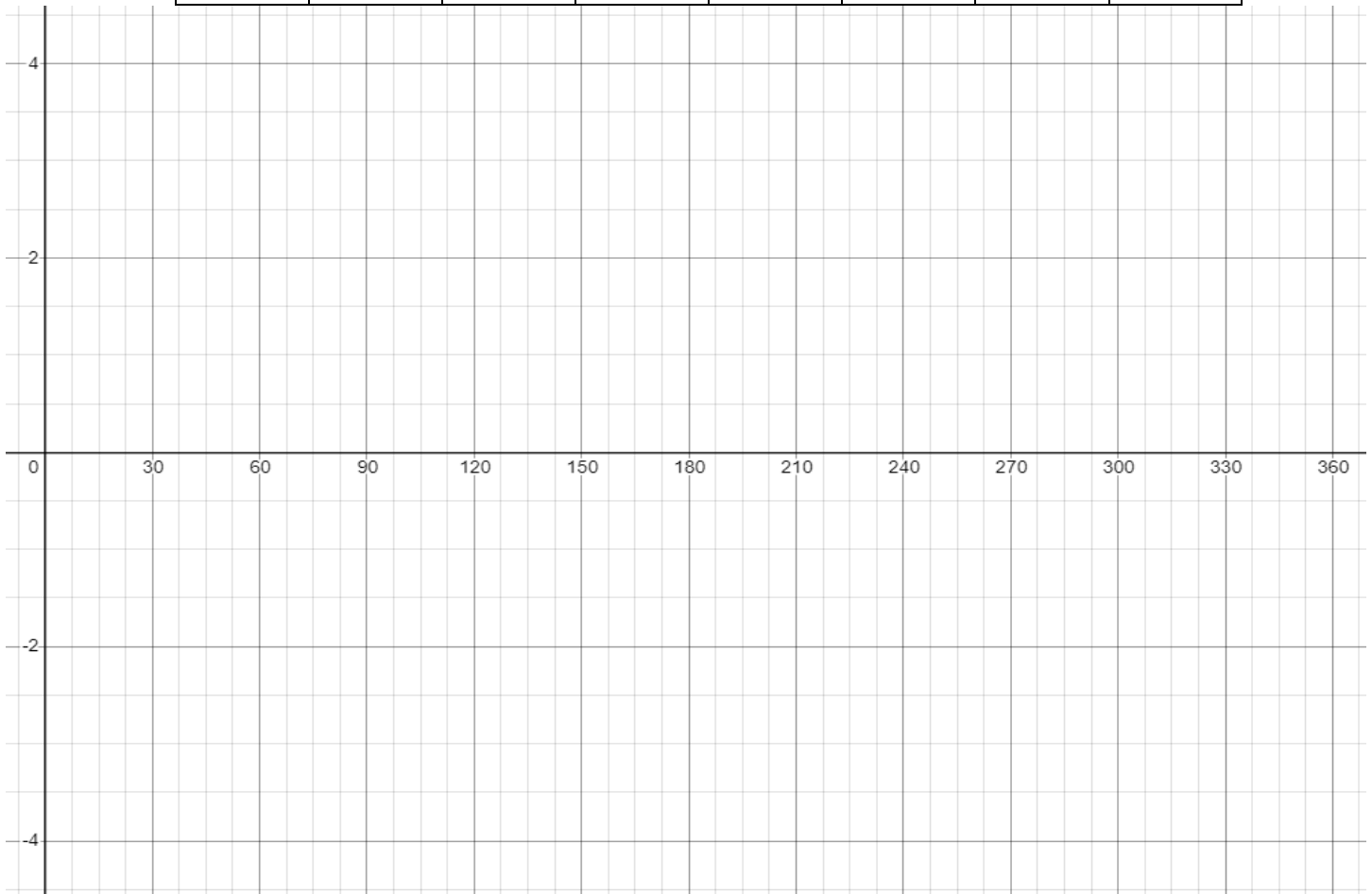


$y = \cos \theta$	
<b>Maximum</b>	
<b>Minimum</b>	
<b>Axis of Curve</b>	
<b>Amplitude</b>	
<b>Period</b>	
<b>x-intercept(s)</b>	
<b>y-intercept</b>	

3. Fill in the table below and graph the resulting data for tan.

$\theta$	$0^\circ$	$30^\circ$	$45^\circ$	$60^\circ$	$90^\circ$	$120^\circ$	$135^\circ$	$150^\circ$	$180^\circ$
$\sin \theta$									
$\cos \theta$									
$\tan \theta$									

$210^\circ$	$225^\circ$	$240^\circ$	$270^\circ$	$300^\circ$	$315^\circ$	$330^\circ$	$360^\circ$



$y = \tan \theta$	
<b>Maximum</b>	
<b>Minimum</b>	
<b>Axis of Curve</b>	
<b>Amplitude</b>	
<b>Period</b>	
<b>x-intercept(s)</b>	
<b>y-intercept</b>	
<b>Asymptote(s)</b>	