

## Assignment: Sine Wave Graph (physics 11/11H)

Name: \_\_\_\_\_ Block: \_\_\_\_\_

1 . Complete the following data table:

Theta ( $\theta$ )	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°
Sin $\theta$										

Theta ( $\theta$ )	110°	120°	130°	140°	150°	160°	170°	180°
Sin $\theta$								

Theta ( $\theta$ )	190°	200°	210°	220°	230°	240°	250°	260°	270°
Sin $\theta$									

Theta ( $\theta$ )	280°	290°	300°	310°	320°	330°	340°	350°	360°
Sin $\theta$									

2. On the graph paper provided on the back of this page, **plot the graph of Sin $\theta$  vs  $\theta$** , from zero degrees to 360 degrees, in 10 degree intervals.

Sin  $\theta$  vs  $\theta$

Sin  $\theta$

1.0

0.5

0

-0.5

-1.0

90°

180°

270°

360°

