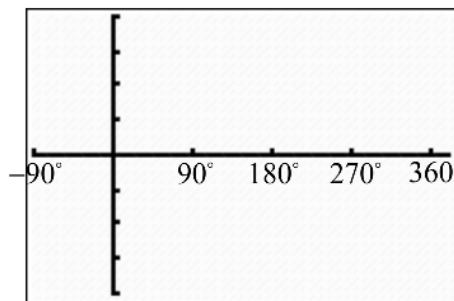


## 4.5 Worksheet #1

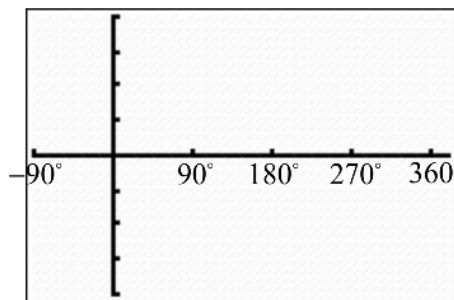
Name \_\_\_\_\_

Graph each.

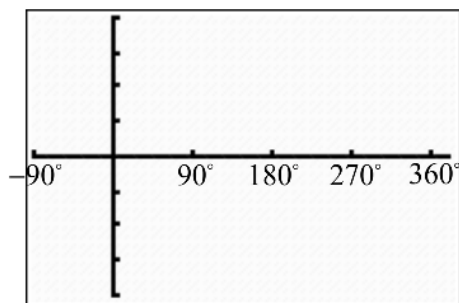
1.  $y = 3\sin(2\theta - 30^\circ)$



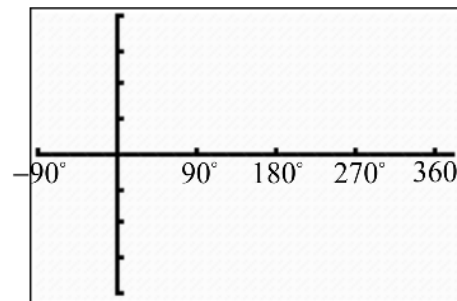
2.  $y = -4\sin(3\theta + 90^\circ)$



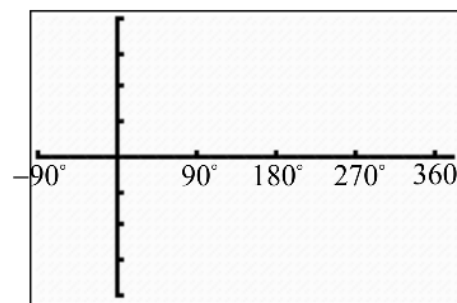
3.  $y = 2\sin(4\theta + 40^\circ)$



4.  $y = 3.5 \cos(2\theta + 20^\circ)$



5.  $y = -4 \cos(3\theta - 30^\circ)$



6.  $y = \frac{1}{2} \cos\left(\frac{1}{2}\theta + 15^\circ\right)$

