

**Section 5:4**  
**Sinusoidal Graphs**

1. What are sinusoidal graphs and why are they named this?

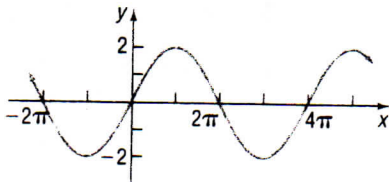
2. Give the amplitude, period and graph of:

A.  $y = 3 \cos(2x)$

B.  $y = -2 \sin\left(\frac{1}{3}x\right)$

3. Find the equation of :

A.



B.

