## Bellwork Thursday, March 27, 2014

1. The amplitude of a periodic function is 6. The minimum value of the function is -3. Find the maximum value of the function.

## 4. Given the following:

$$\sin 30^{\circ} = \frac{1}{2}$$
  $\cos 30^{\circ} = \frac{\sqrt{3}}{2}$   $\sin 60^{\circ} = \frac{\sqrt{3}}{2}$   $\cos 60^{\circ} = \frac{1}{2}$ 

Find the exact value of each.

b) 
$$\sin - 690^{\circ}$$

2. Given $\theta = 170^{\circ}$ which of the following angles is a coterminal angle to $\theta$ ?  a) $2870^{\circ}$ b) $3050^{\circ}$ c) $-1640^{\circ}$ d) $-2380^{\circ}$	
3. Given $\theta = 55^{\circ}$ which of the following angles is a coterminal angle to $\theta$ ?  a) $-2145^{\circ}$ b) $1485^{\circ}$ c) $-1745^{\circ}$ d) $1155^{\circ}$	

