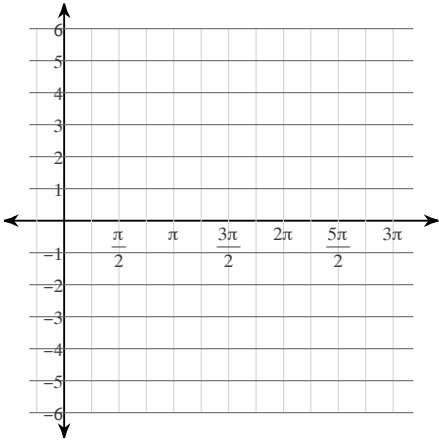


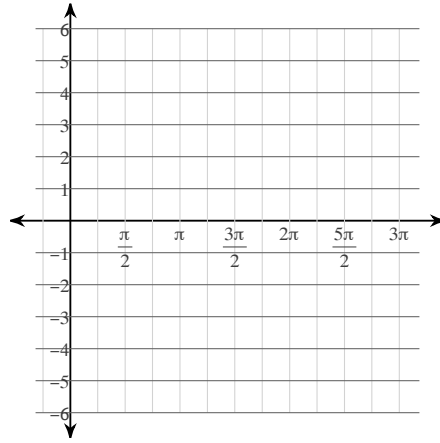
# Graphing Sine and Cosine

Using radians, find the amplitude and period of each function. Then graph.

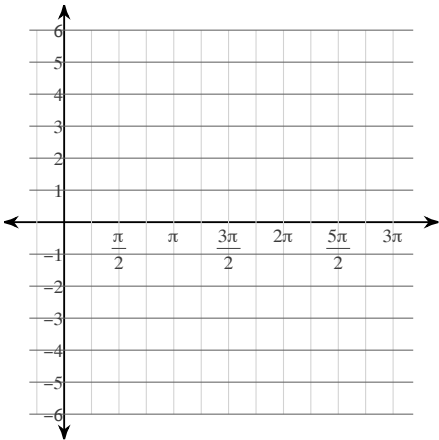
1)  $y = 4\sin \theta$



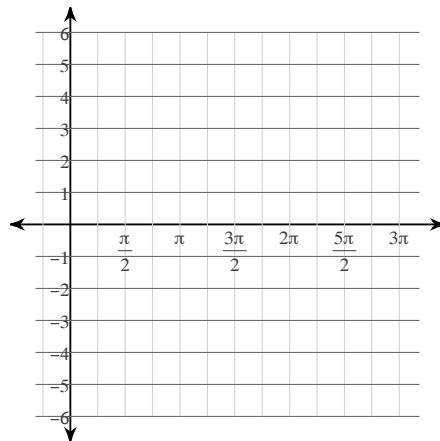
2)  $y = 2\cos \theta$



3)  $y = \frac{1}{2} \cdot \sin \theta$



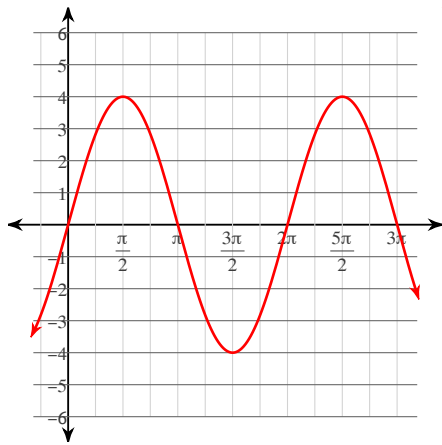
4)  $y = 4\cos \theta$



# Graphing Sine and Cosine

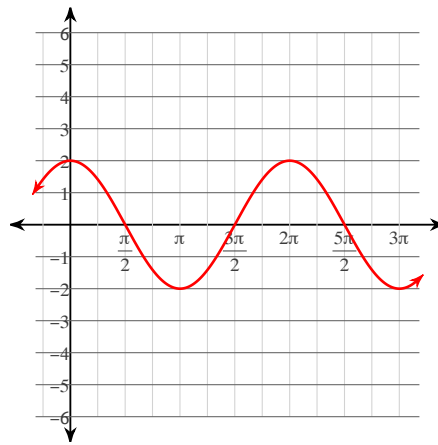
Using radians, find the amplitude and period of each function. Then graph.

1)  $y = 4\sin \theta$



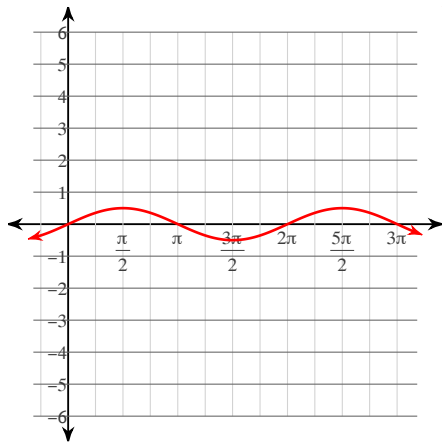
Amplitude: 4  
Period:  $2\pi$

2)  $y = 2\cos \theta$



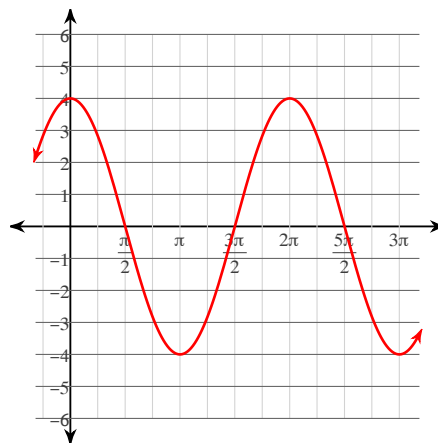
Amplitude: 2  
Period:  $2\pi$

3)  $y = \frac{1}{2} \cdot \sin \theta$



Amplitude:  $\frac{1}{2}$   
Period:  $2\pi$

4)  $y = 4\cos \theta$



Amplitude: 4  
Period:  $2\pi$