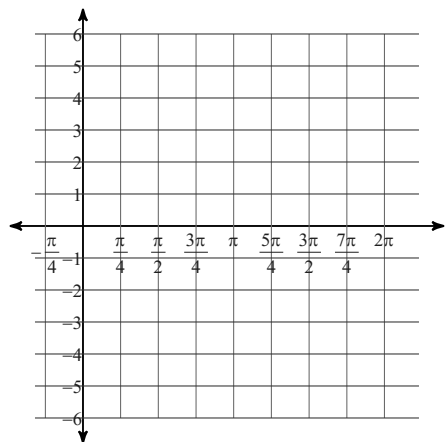


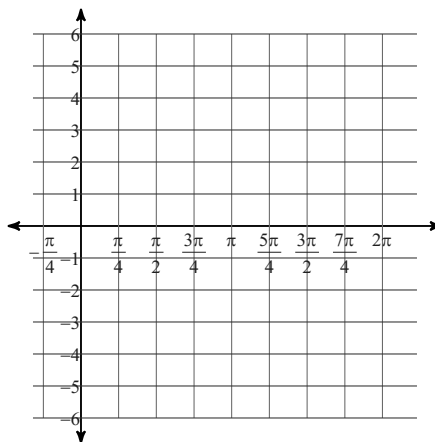
Graphing Sine and Cosine

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

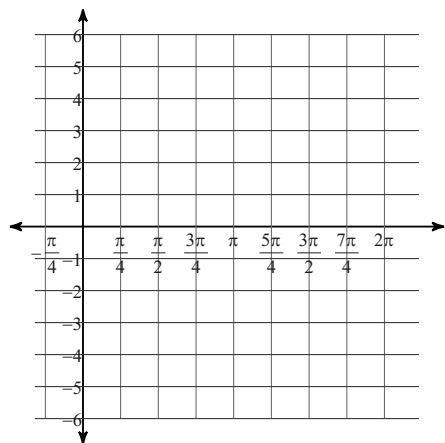
1) $y = \sin 2\theta$



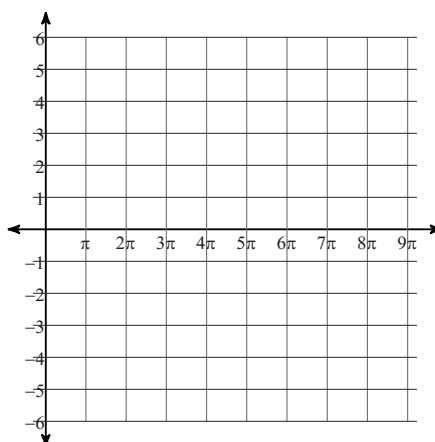
2) $y = \sin 4\theta$



3) $y = 2\sin 4\theta$

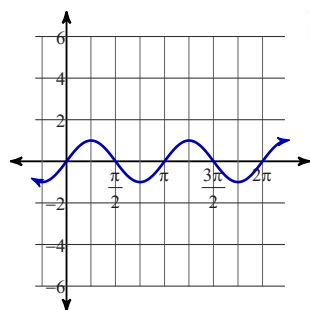


4) $y = \frac{1}{2} \cdot \cos \frac{\theta}{3}$



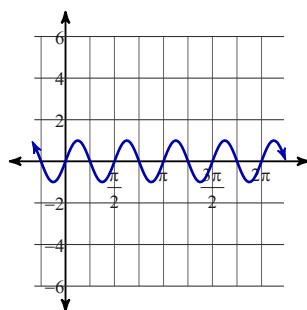
Answers to Graphing Sine and Cosine

1)



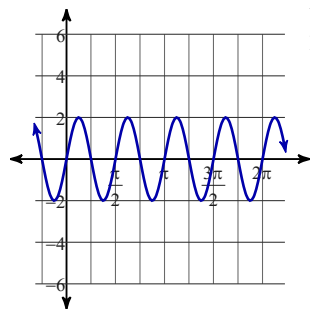
Amplitude: 1
Period: π

2)



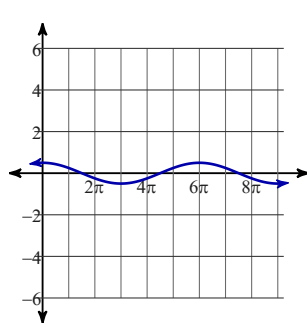
Amplitude: 1
Period: $\frac{\pi}{2}$

3)



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

4)



Amplitude: $\frac{1}{2}$
Period: 6π