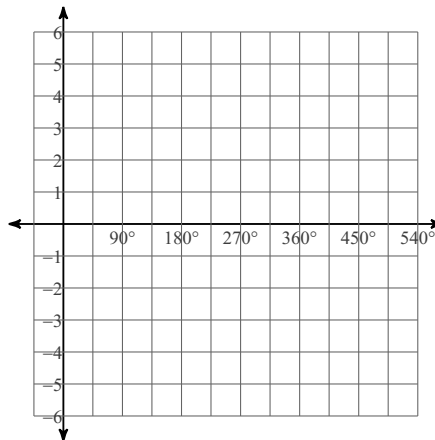
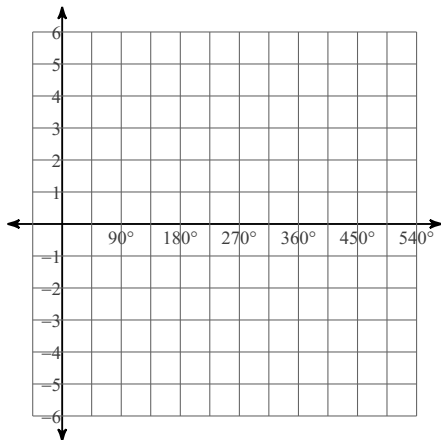


Basic Trigonometric Graphing

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

1) $y = \sin \theta$

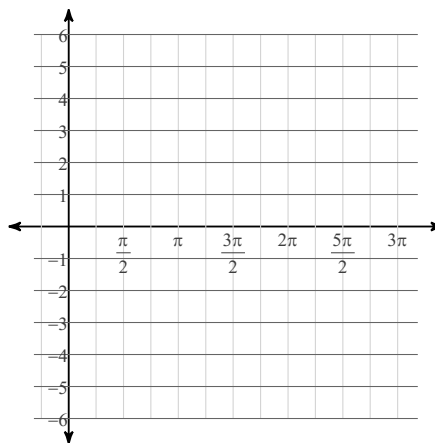
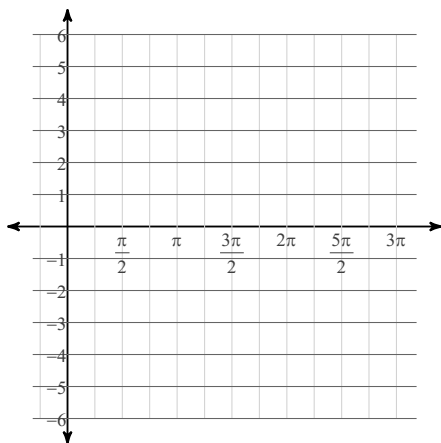
2) $y = \cos \theta$



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

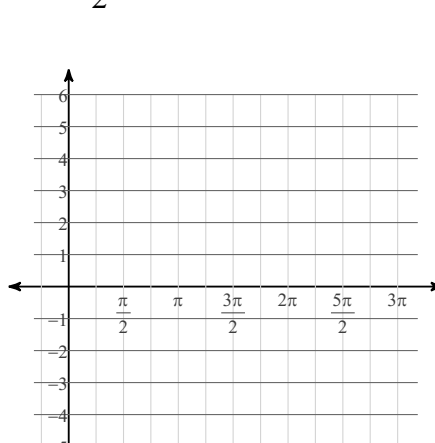
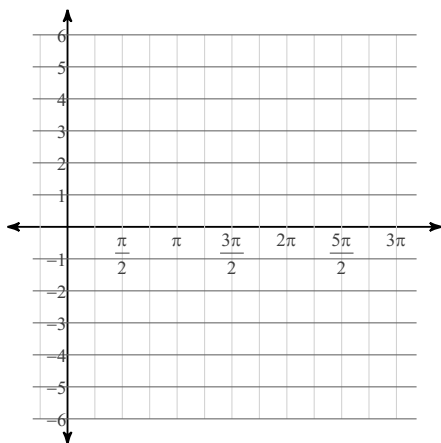
3) $y = \sin \theta$

4) $y = \cos \theta$

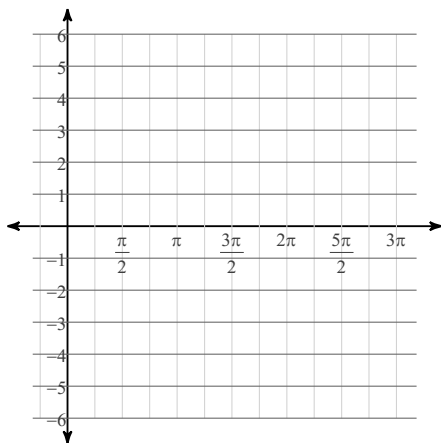


5) $y = 4\sin \theta$

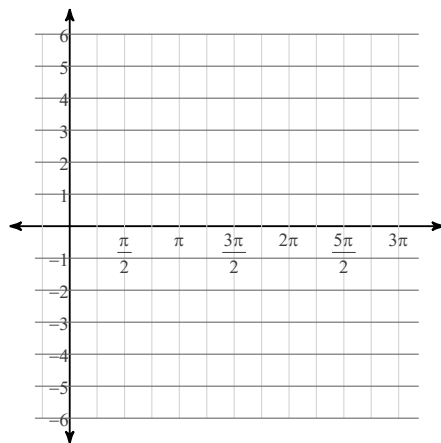
6) $y = \frac{1}{2} \cdot \sin \theta$



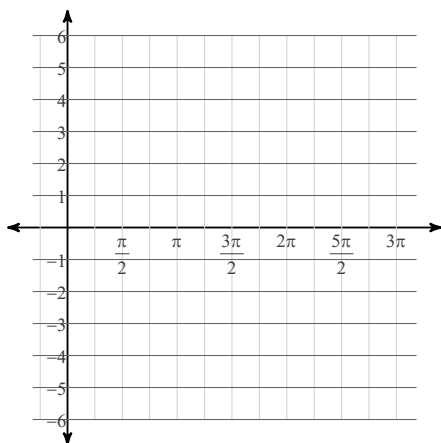
7) $y = 1 + 2\sin \theta$



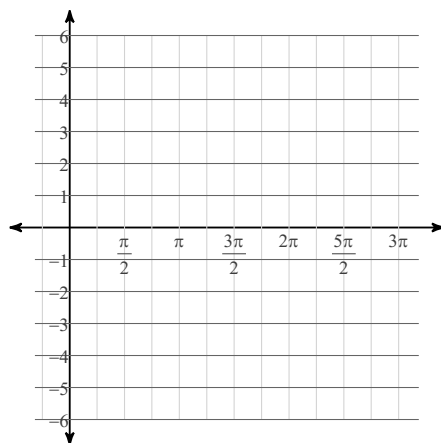
8) $y = 3\cos \theta - 2$



9) $y = 2\sin\left(\theta + \frac{\pi}{4}\right)$

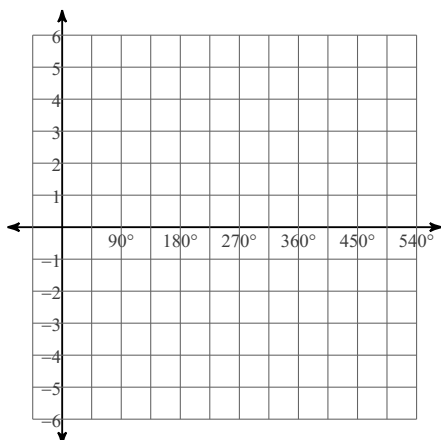


10) $y = 3\cos\left(\theta - \frac{3\pi}{4}\right)$

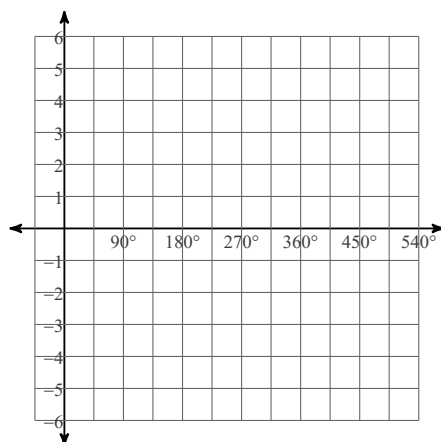


Using degrees, find the amplitude and period of each function. Then graph.

11) $y = \frac{1}{2} \cdot \cos(\theta + 30) + 2$



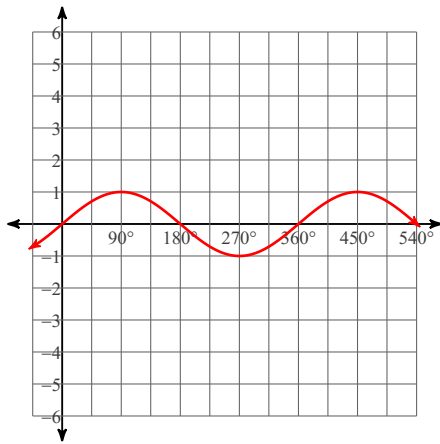
12) $y = 3\cos(\theta + 90)$



Basic Trigonometric Graphing

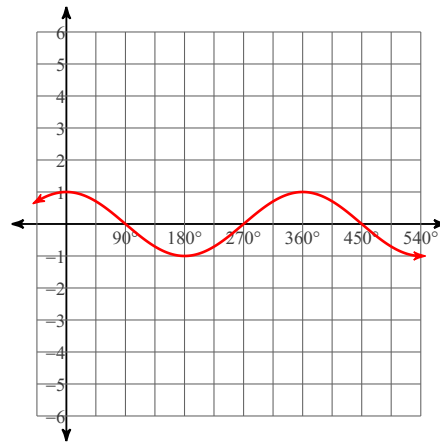
Using degrees, find the amplitude and period of each function. Then graph.

1) $y = \sin \theta$



Amplitude: 1
Period: 360°

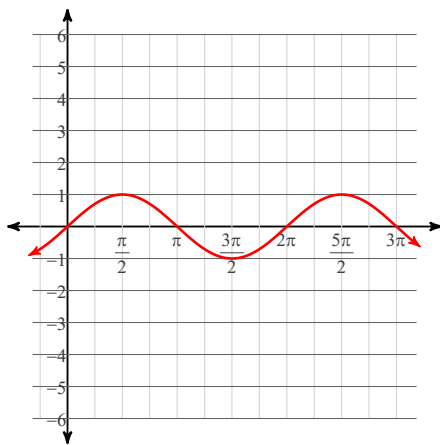
2) $y = \cos \theta$



Amplitude: 1
Period: 360°

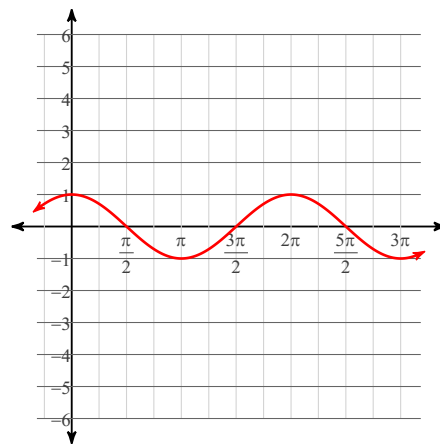
Using radians, find the amplitude and period of each function. Then graph.

3) $y = \sin \theta$



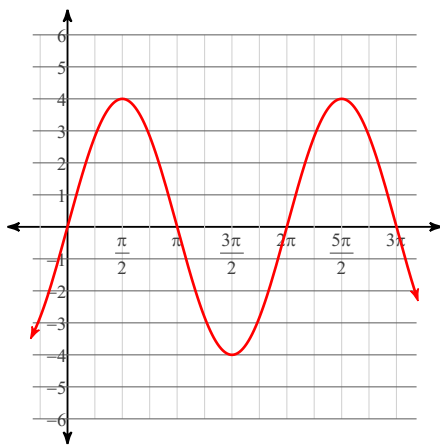
Amplitude: 1
Period: 2π

4) $y = \cos \theta$



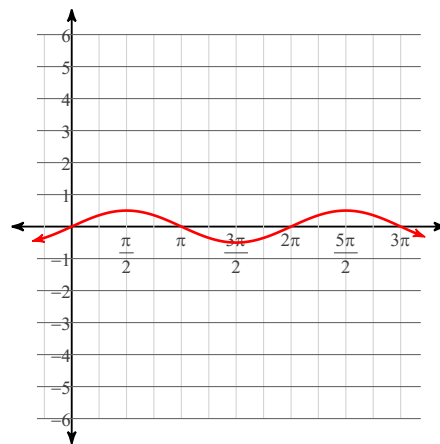
Amplitude: 1
Period: 2π

5) $y = 4\sin \theta$



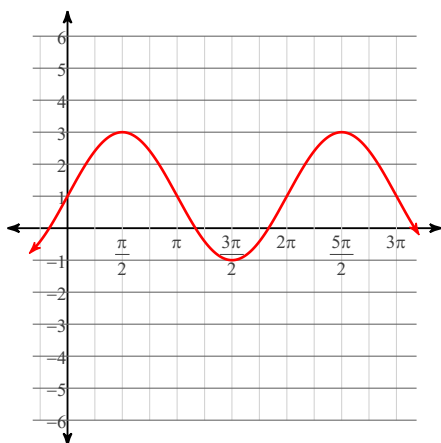
Amplitude: 4
Period: 2π

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



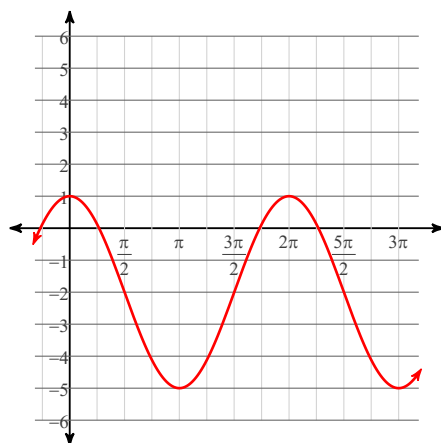
Amplitude: $\frac{1}{2}$
Period: 2π

7) $y = 1 + 2\sin \theta$



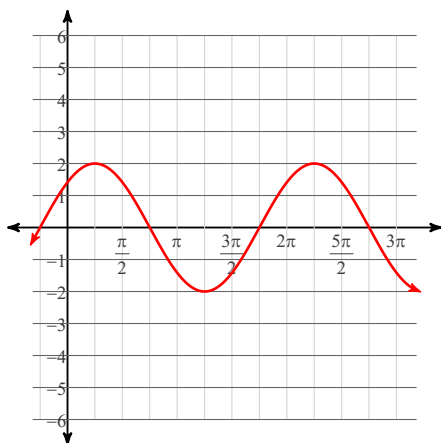
Amplitude: 2
Period: 2π

8) $y = 3\cos \theta - 2$



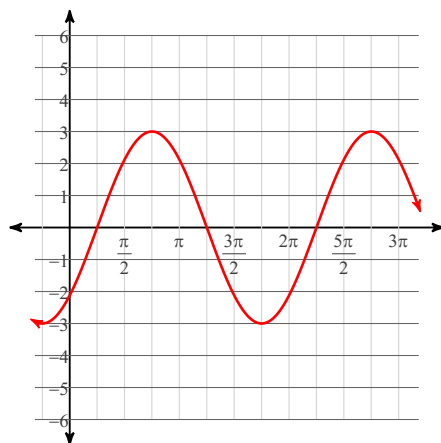
Amplitude: 3
Period: 2π

9) $y = 2\sin\left(\theta + \frac{\pi}{4}\right)$



Amplitude: 2
Period: 2π

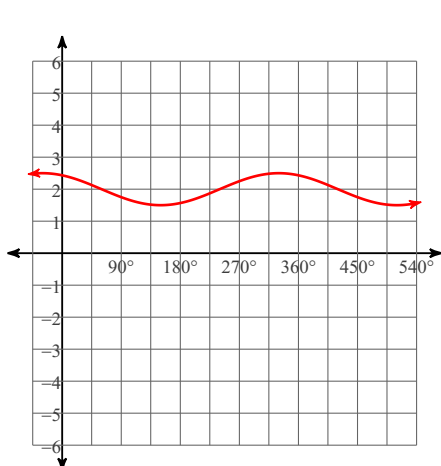
10) $y = 3\cos\left(\theta - \frac{3\pi}{4}\right)$



Amplitude: 3
Period: 2π

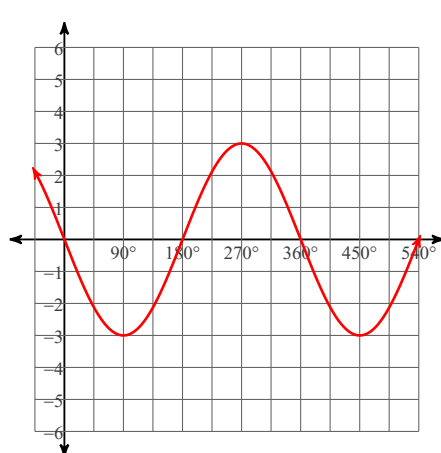
Using degrees, find the amplitude and period of each function. Then graph.

11) $y = \frac{1}{2} \cdot \cos(\theta + 30) + 2$



Amplitude: $\frac{1}{2}$
Period: 360°

12) $y = 3\cos(\theta + 90)$



Amplitude: 3
Period: 360°