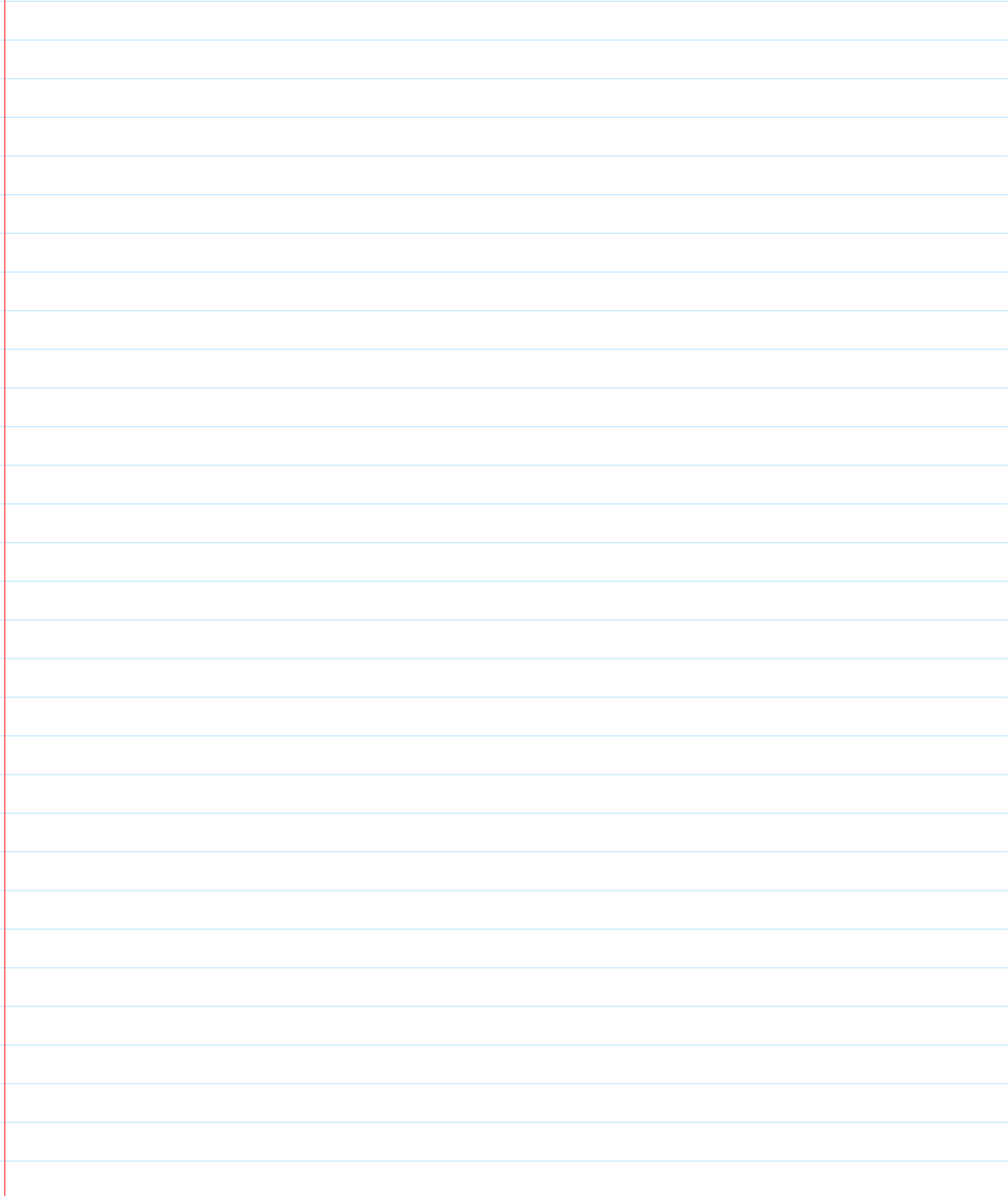


Day 1 graphing sinusoids

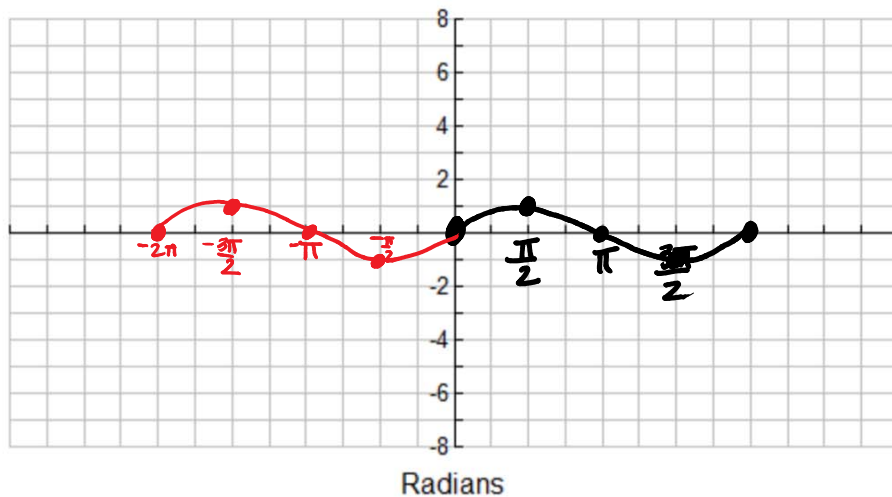
Monday, January 9, 2017 1:28 PM



Algebra 2 Trig H
Graphing sinusoids

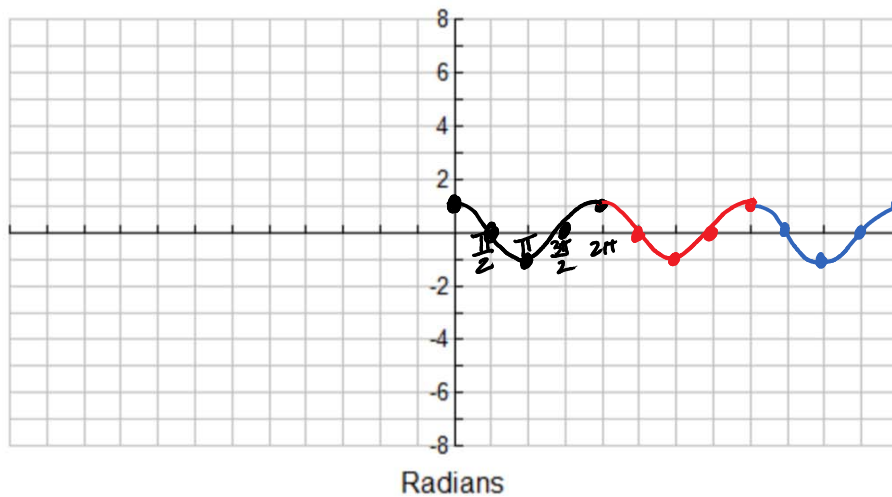
Name:

1. Graph two periods of $y = \sin \theta$.



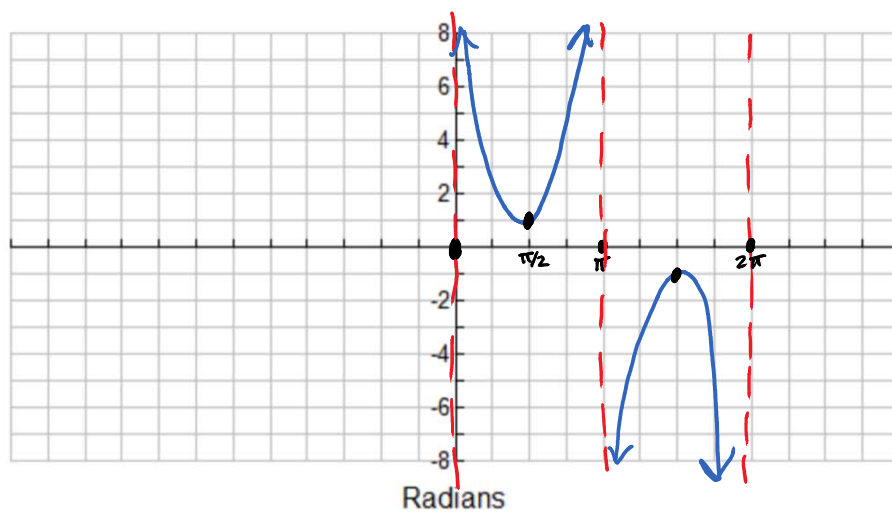
Amplitude: 1
Sinusoidal axis: $y=0$
Period: 2π
Phase shift: None

2. Graph three periods of $y = \cos \theta$.



Amplitude: 1
Sinusoidal axis: $y=0$
Period: 2π
Phase shift: None

3. Graph one period of $y = \csc \theta$.



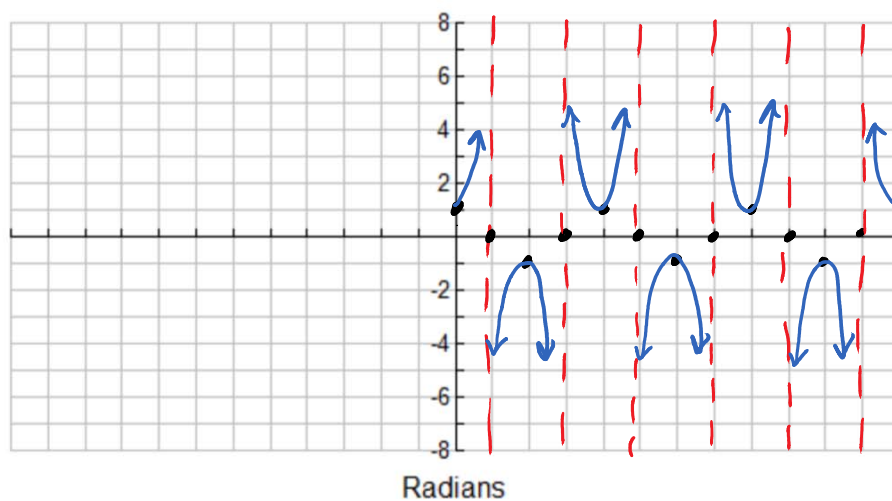
~~Amplitude:~~

~~Sinusoidal axis:~~

Period: 2π

Phase shift: *None*

4. Graph three periods of $y = \sec \theta$.



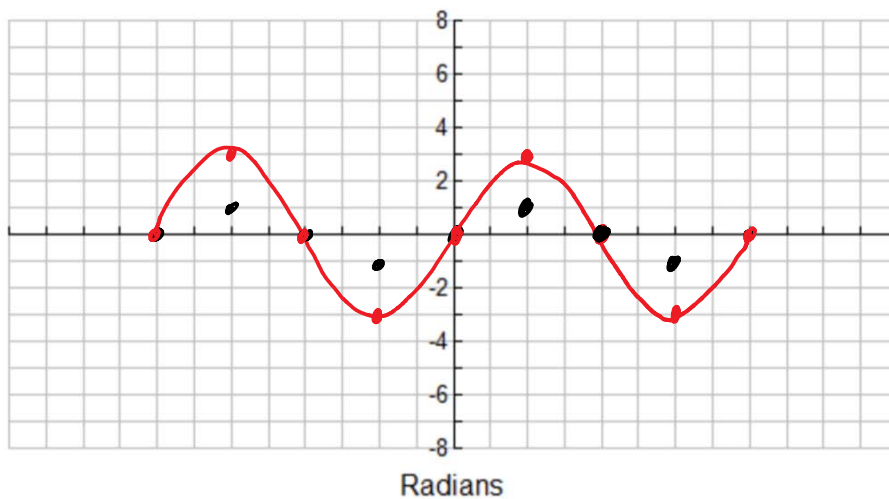
~~Amplitude:~~

~~Sinusoidal axis:~~

Period: 2π

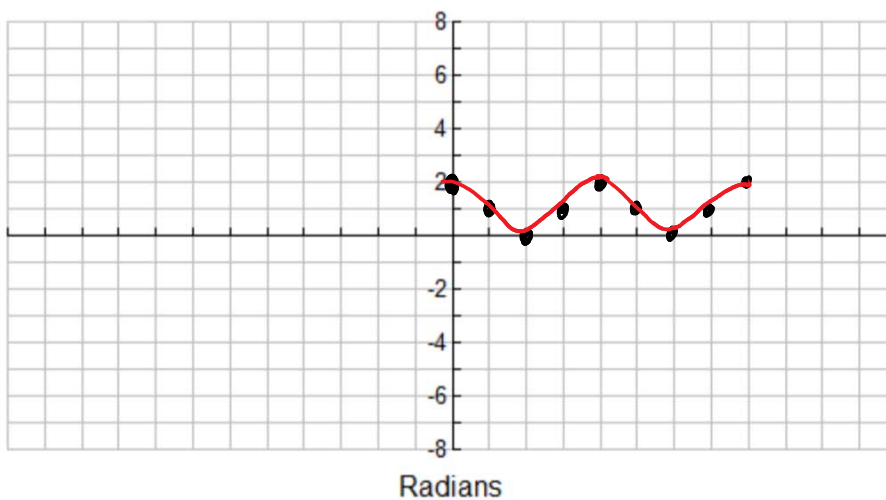
Phase shift: *None*

5. Graph two periods of $y = 3 \sin \theta$



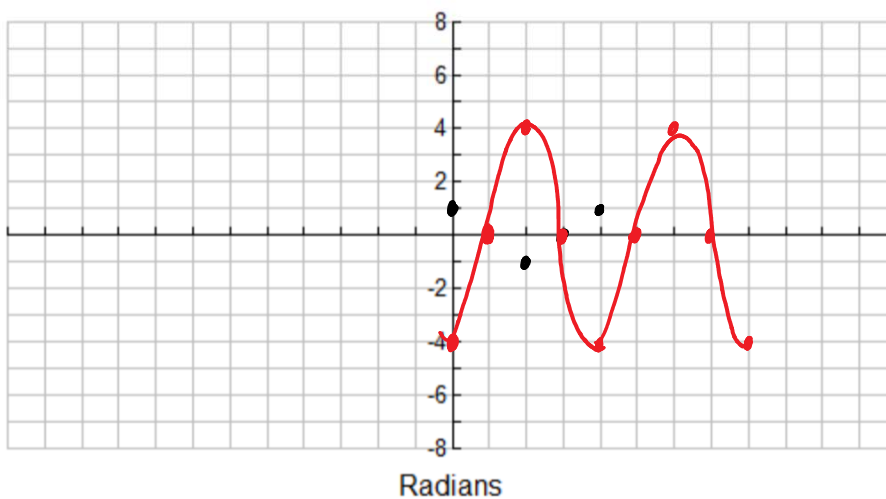
Amplitude: 3
 Sinusoidal axis: $y = 0$
 Period: 2π
 Phase shift: None

6. Graph two periods of $y = 4 \cos \theta + 1$



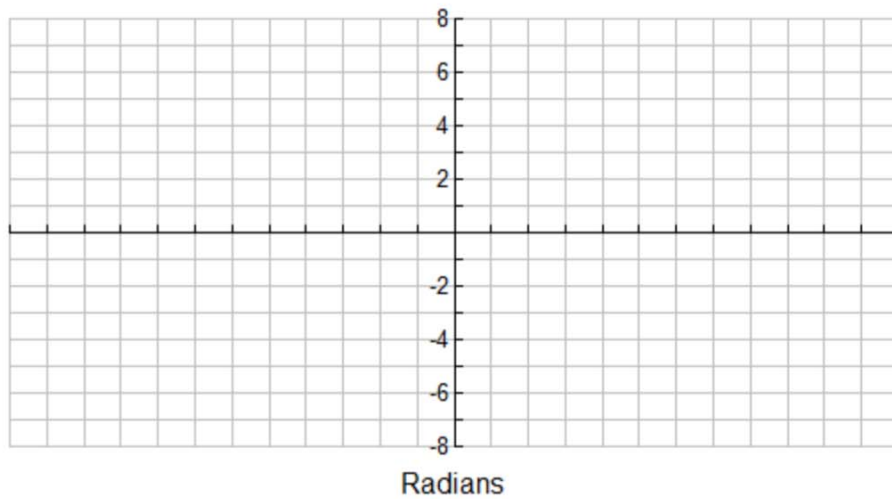
Amplitude: 4
 Sinusoidal axis: $y = 1$
 Period: 2π
 Phase shift: None

7. Graph two periods of $y = -4 \cos \theta$



Amplitude: 4
 Sinusoidal axis: $y = 0$
 Period: 2π
 Phase shift: None

8. Graph two periods of $y = 5 \csc \theta$.



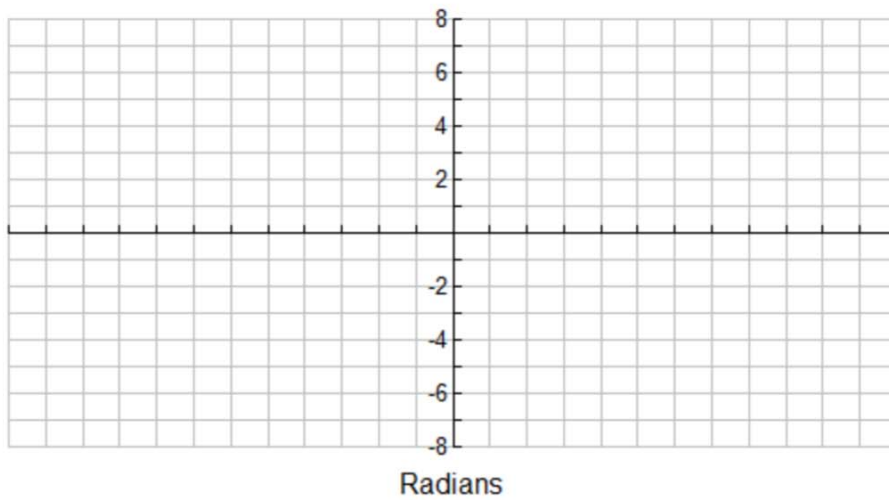
Amplitude:

Sinusoidal axis:

Period:

Phase shift:

9. Graph two periods of $y = \csc \theta - 6$.



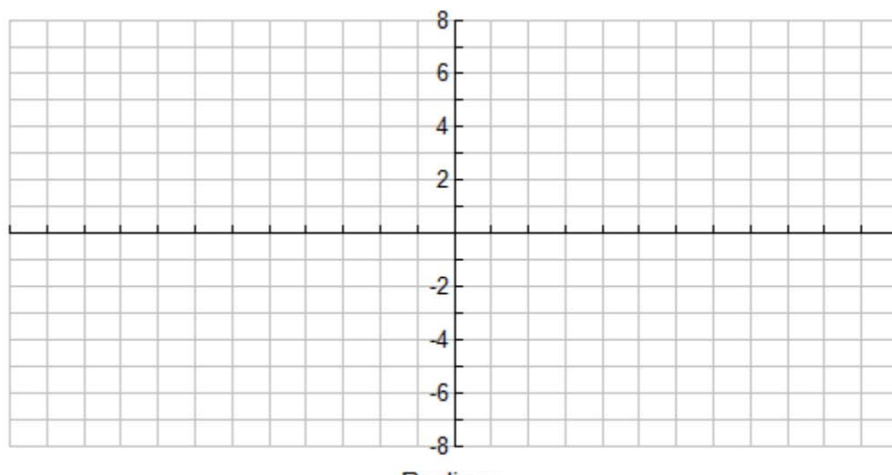
Amplitude:

Sinusoidal axis:

Period:

Phase shift:

10. Graph two periods of $y = -2 \sec \theta$.



Amplitude:

Sinusoidal axis:

Period:

Phase shift: