Pre-Calculus AB   Name_____
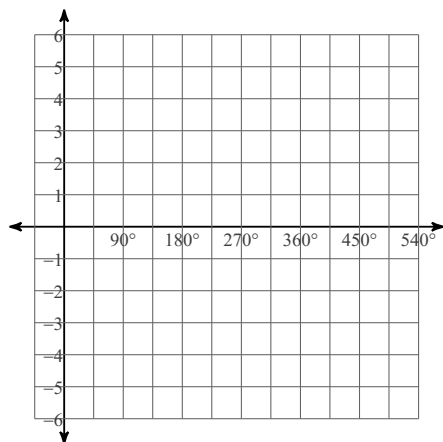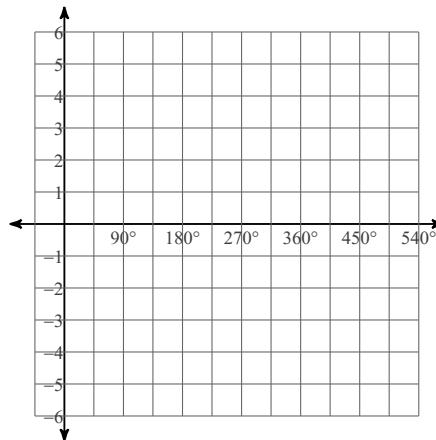# Worksheet 14 - Lesson 43   Date_____ Period_____

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

1) $y = \dfrac{1}{2} \cdot \cos \theta$
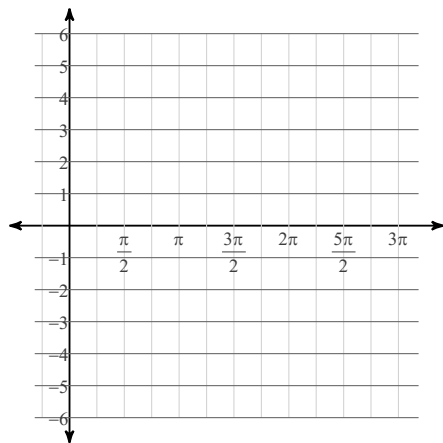
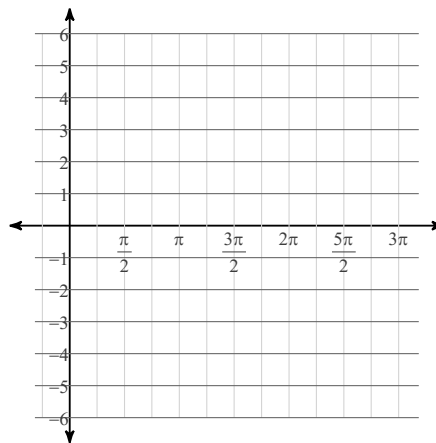2) $y = 2\sin \theta$

Using radians, find the amplitude and period of each function. Then graph.
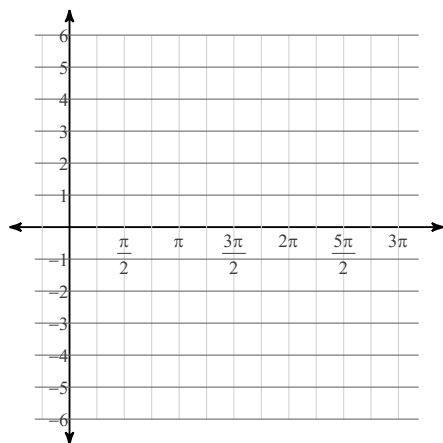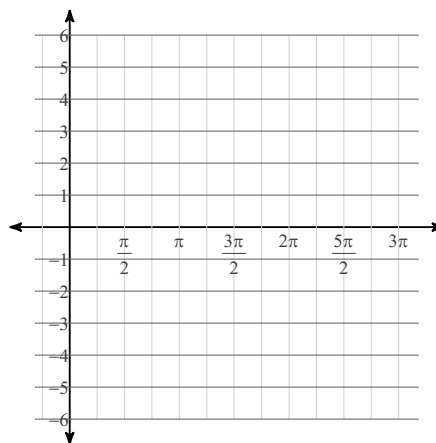
3) $y = 2\sin \theta$

4) $y = 4\cos \theta$

5) $y = \dfrac{1}{2} \cdot \cos \theta$

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

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

7) $y = 4\cos \theta$

8) $y = \dfrac{1}{9} \cdot \cos \theta$

Find the value of the trig function indicated.

9) Find $\csc \theta$ if $\cot \theta = \dfrac{1}{3}$

10) Find $\csc \theta$ if $\cot \theta = \dfrac{7}{24}$

Find the exact value of each trigonometric function.

11) $\csc \dfrac{7\pi}{4}$

12) $\cot \dfrac{14\pi}{3}$

13) $\csc \dfrac{23\pi}{6}$

14) $\sec \left(-\dfrac{\pi}{3}\right)$

15) $\sec \dfrac{7\pi}{2}$

16) $\cot\left(-\dfrac{\pi}{4}\right)$