

Graph 2 full periods for each graph

<p>4. $y = \csc 3\theta$</p> <p>Amp _____</p> <p>Period _____</p> <p>Phase Shift _____</p>	
<p>5. $y = -4 \cos 3\theta$</p> <p>Amp _____</p> <p>Period _____</p> <p>Phase Shift _____</p>	
<p>6. $y = 2 \sin \frac{\theta}{3}$</p> <p>Amp _____</p> <p>Period _____</p> <p>Phase Shift _____</p>	
<p>7. $y = \frac{1}{2} \tan \frac{\theta}{3}$</p> <p>Amp _____</p> <p>Period _____</p> <p>Phase Shift _____</p>	
<p>8. $y = -2 \csc 2\theta$</p> <p>Amp _____</p> <p>Period _____</p> <p>Phase Shift _____</p>	

9. $y = \frac{1}{2} \sec \theta$

Amp _____

Period _____

Phase Shift _____

10. $y = \frac{1}{2} \sin \left(3\theta + \frac{\pi}{2} \right)$

Amp _____

Period _____

Phase Shift _____

11. $y = 4 \cos \left(2\theta - \frac{5\pi}{2} \right)$

Amp _____

Period _____

Phase Shift _____

For each of the curves below, find all the pertinent information, then graph on your calculator using the appropriate window to view 2 complete periods.

Curve	Amplitude	Period	Phase shift	Critical Points	Range
12. $y = 6 \cos x$					
13. $y = \frac{7}{2} \sin x$					
14. $y = 4 \cos \frac{2}{3} x$					
15. $y = -2 \sin 6x$					
16. $y = 7 \cos \left(x + \frac{\pi}{6} \right)$					
17. $y = \frac{2}{3} \sin 4 \left(x - \frac{\pi}{12} \right)$					
18. $y = 4 \cos \left(3x + \frac{\pi}{6} \right)$					
19. $y = 2 \sin \left(3x - \frac{\pi}{2} \right)$					