

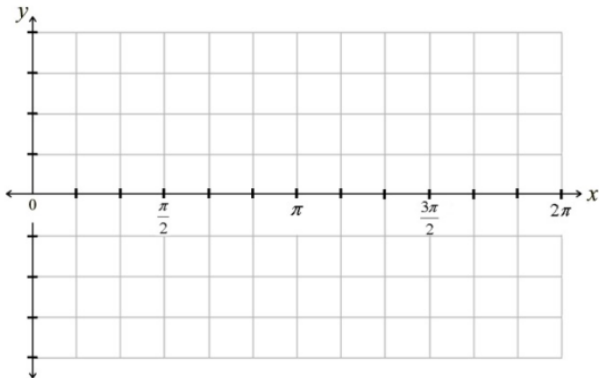
FER#4—Graphing Trig. Function

Name _____ Per _____

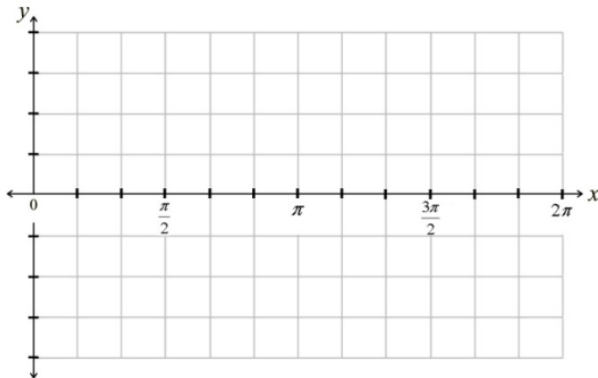
Trig/Stat—Fall 2016

~~~Graph one period of each parent function and label the 5 critical values.~~~

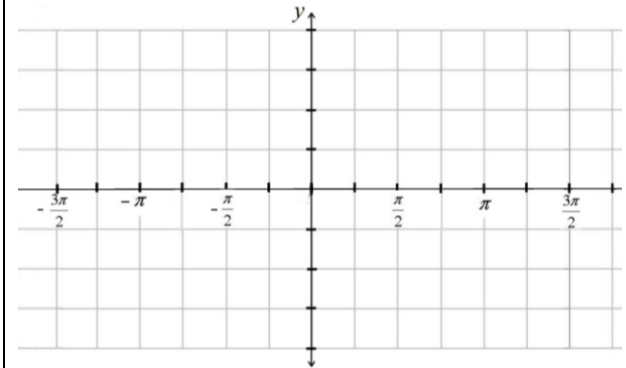
1)  $y = \sin\theta$



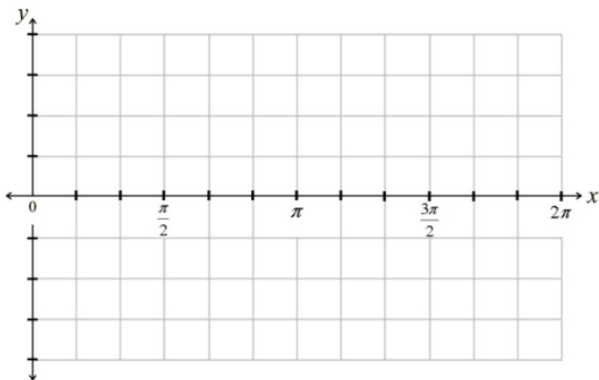
2)  $y = \cos\theta$



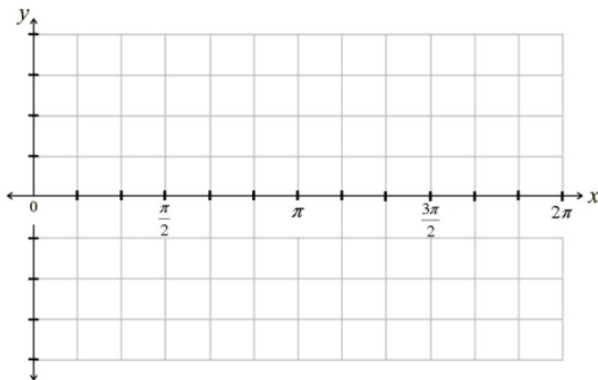
3)  $y = \tan\theta$



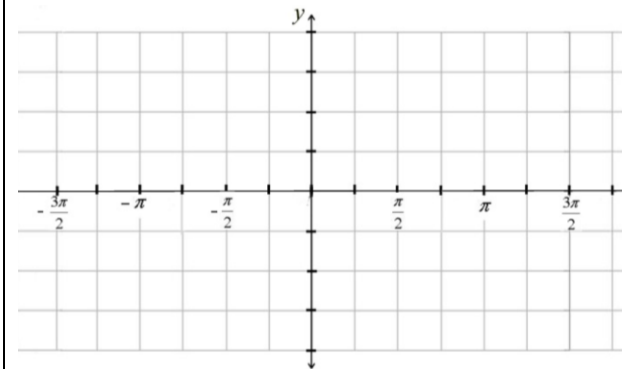
4)  $y = \csc\theta$



5)  $y = \sec\theta$

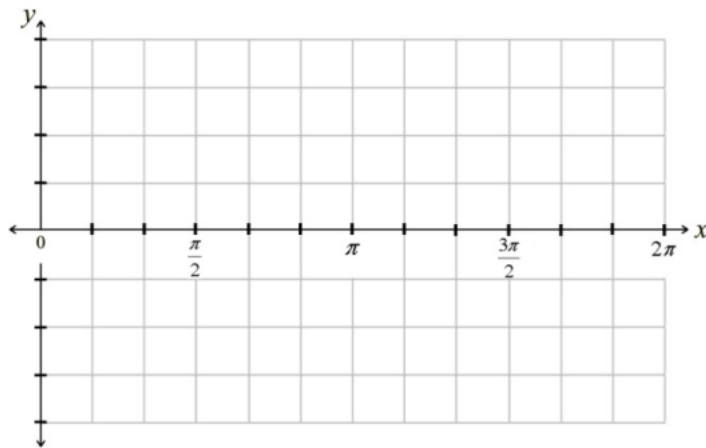


6)  $y = \cot\theta$

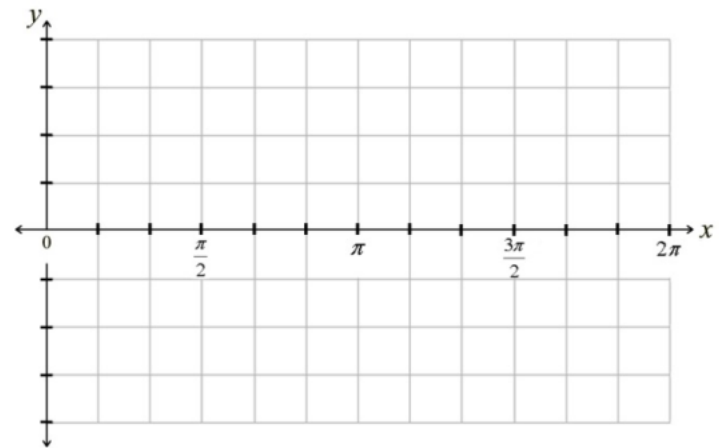


~~~Graph at least one period of each function and label the 5 critical values.~~~

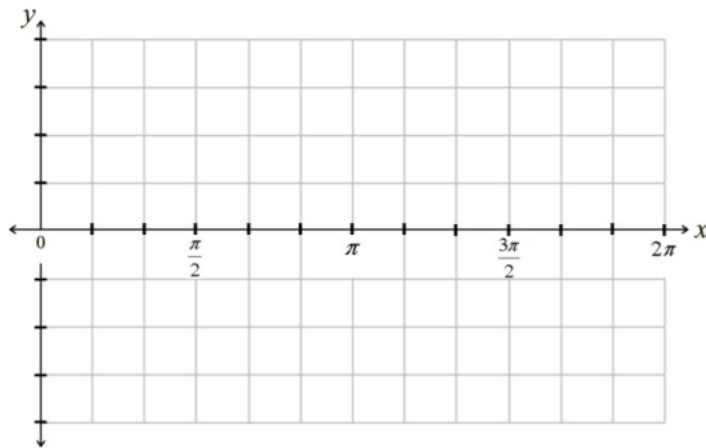
7) $y = -2\sin 3\theta$



8) $y = \sec\left(\theta - \frac{\pi}{4}\right) + 2$



9) $y = \frac{3}{4}\cot\left(\theta - \frac{\pi}{4}\right) - 1$



10) $y = -3\cos\left(2\theta - \frac{\pi}{2}\right) - 2$

