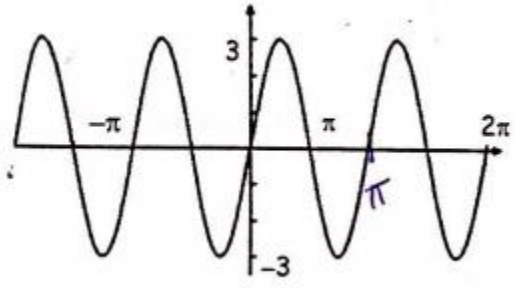
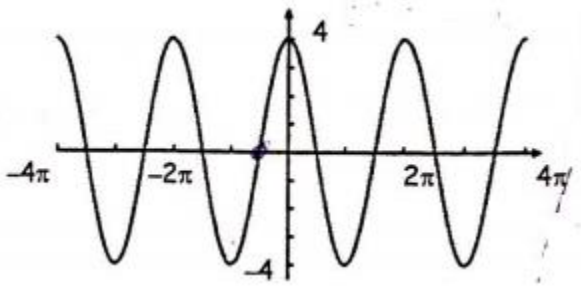
Name: _____ Graphing All Trig Functions:

Write an equation for each graph in terms of sin and cos:

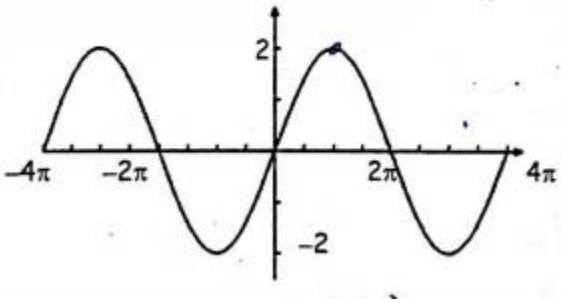
1)



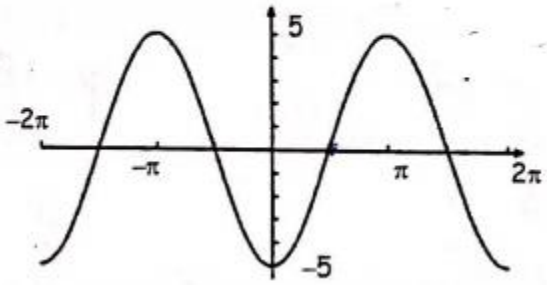
2)



3)



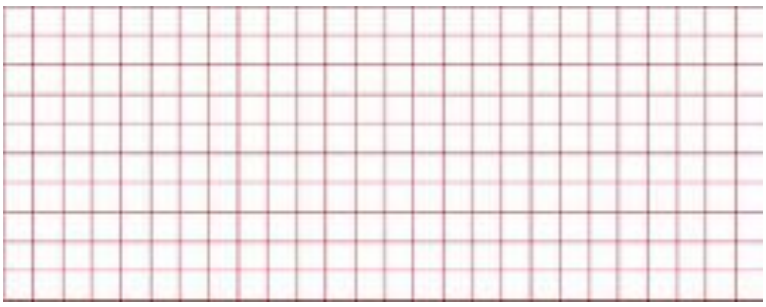
4)



Graph two complete periods each function, then state the Domain, Range, amplitude and period

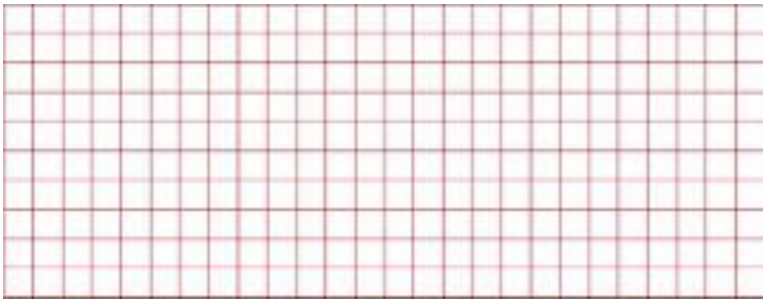
5) $y = tanx$

Amplitude:_____
Period:_____
Domain:_____
Range:_____



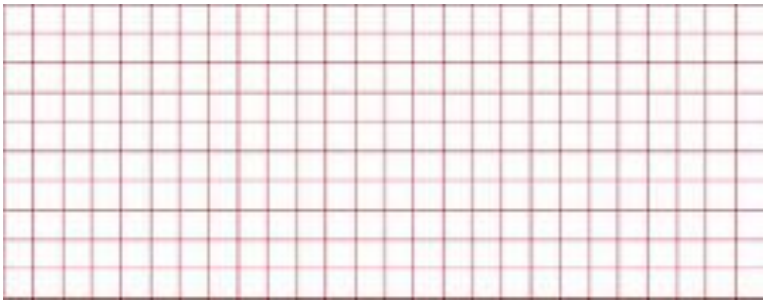
6) $y = cotx$

A:_____
P:_____
D:_____
R:_____



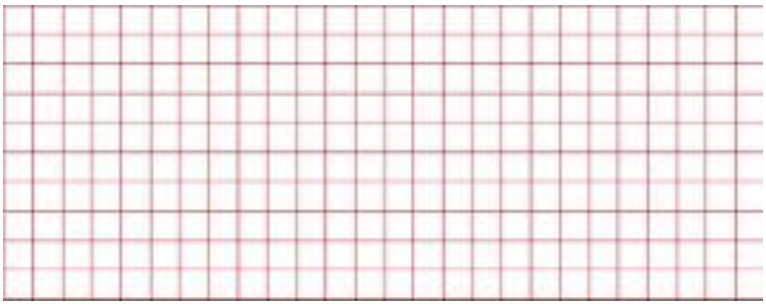
7) $y = cscx$

A:_____
P:_____
D:_____
R:_____



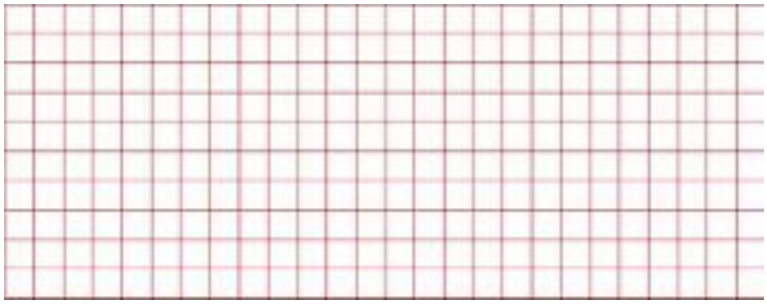
8) $y = secx$

A:_____
P:_____
D:_____
R:_____



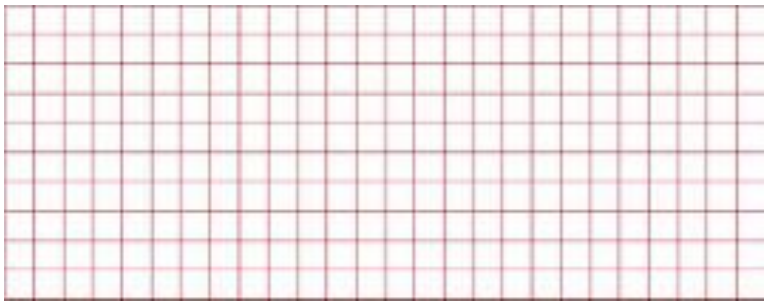
9) $y = \tan(x - \pi)$

A:_____
P:_____
D:_____
R:_____



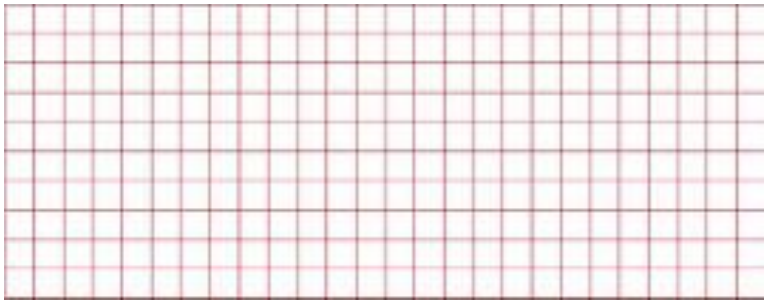
10) $y = 3\tan(2x)$

A:_____
P:_____
D:_____
R:_____



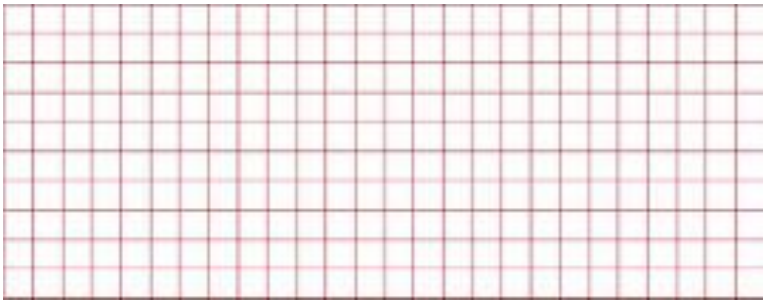
11) $y = 4\tan\left(\frac{1}{2}x\right)$

A:_____
P:_____
D:_____
R:_____



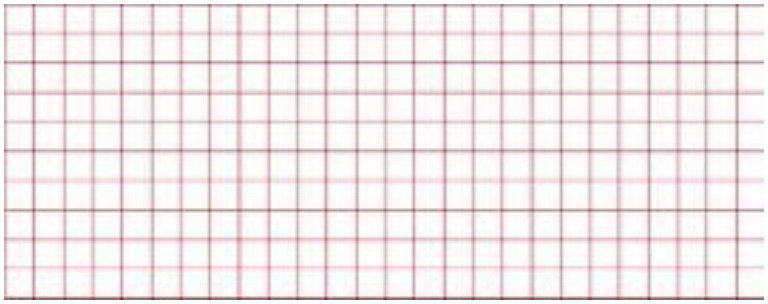
12) $y = \sec(2x)$

A:_____
P:_____
D:_____
R:_____



13) $y = \csc(\frac{1}{2}x)$

A:_____
P:_____
D:_____
R:_____



14) $y = \cot(2x)$

A:_____
P:_____
D:_____
R:_____