

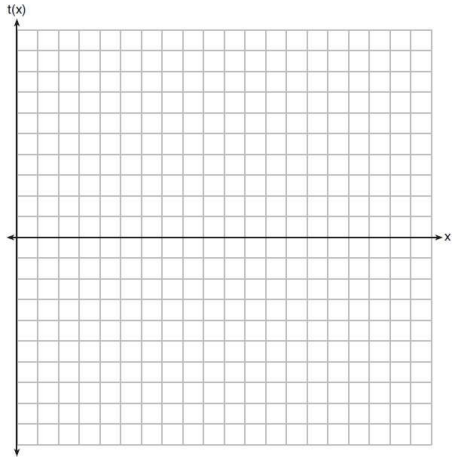
Name \_\_\_\_\_  
Mr. Schlansky

Date \_\_\_\_\_  
Pre Calculus

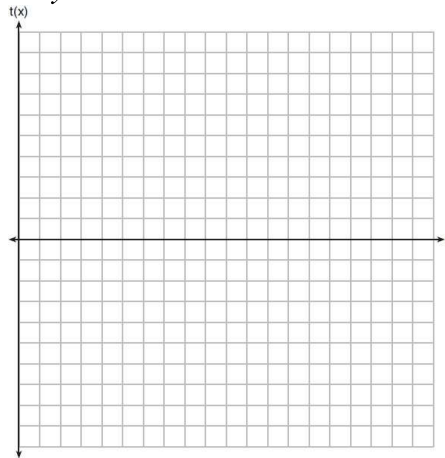
## *Graphing Sinusoidal Curves*

**Graph one full wave of the following trigonometric functions**

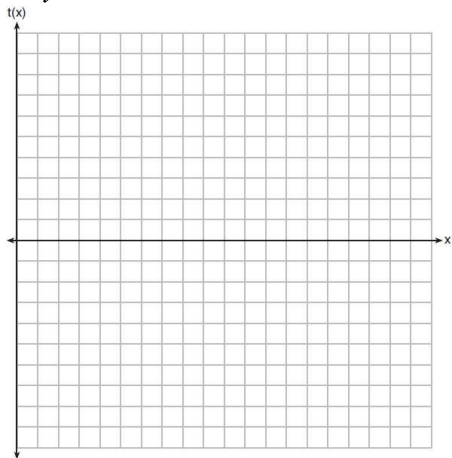
1.  $y = 3 \sin 2x - 1$



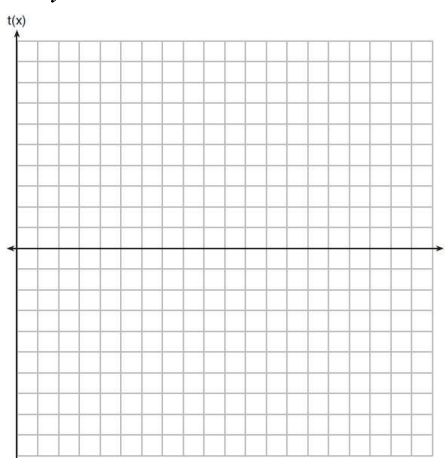
2.  $y = 2 \cos 4x + 3$



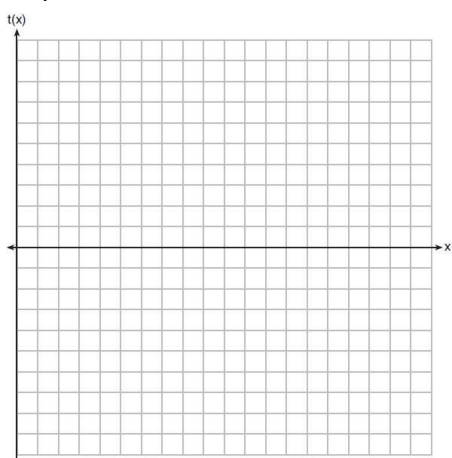
3.  $y = -3 \sin \pi x + 2$



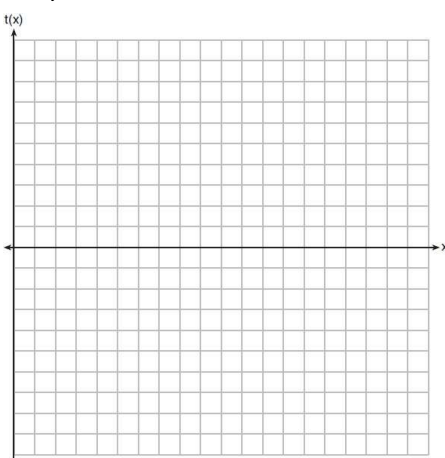
4.  $y = -4 \cos 2\pi x - 2$



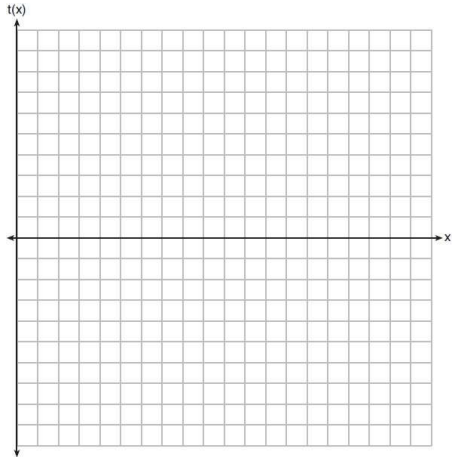
5.  $y = 6 \sin 2x - 1$



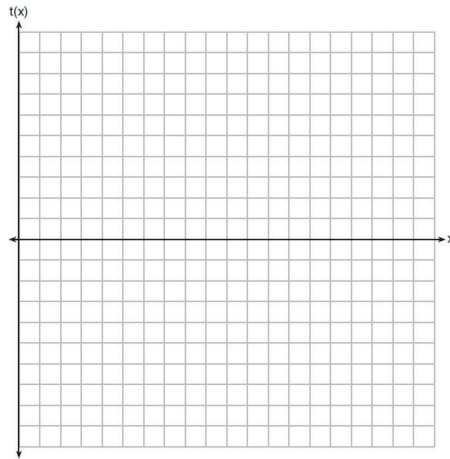
6.  $y = -2 \cos 3x + 3$



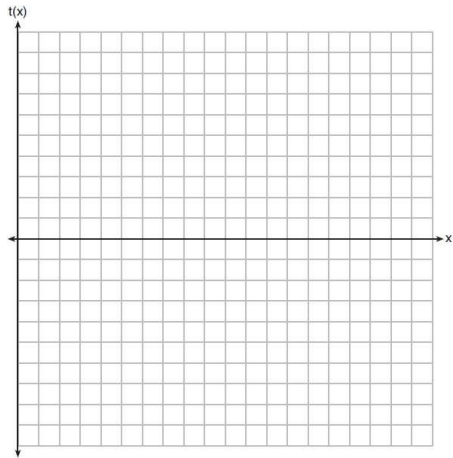
$$7. y = -4 \sin \frac{1}{2} x + 2$$



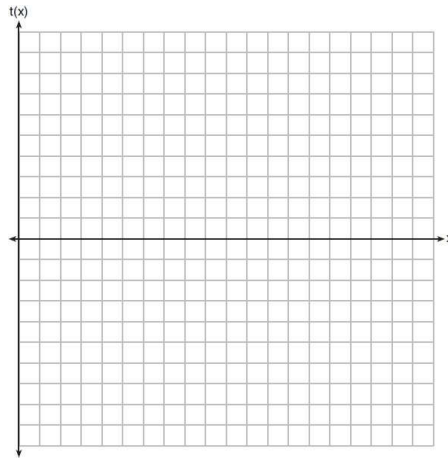
$$8. y = -5 \cos \frac{1}{3} x + 3$$



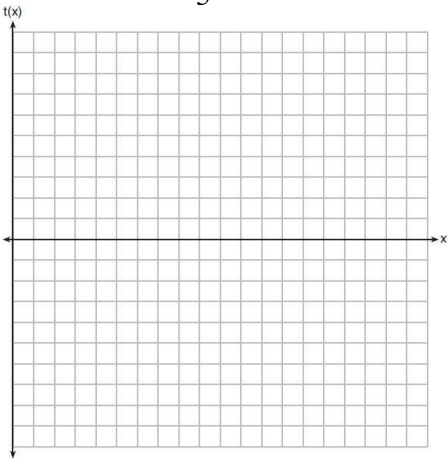
$$9. y = 3 \sin \frac{2}{3} x - 2$$



$$10. y = -3 \cos \frac{\pi}{3} x + 1$$



$$11. y = -6 \sin \frac{1}{5} x + 2$$



$$12. y = -5 \sin \frac{\pi}{6} x + 2$$

