

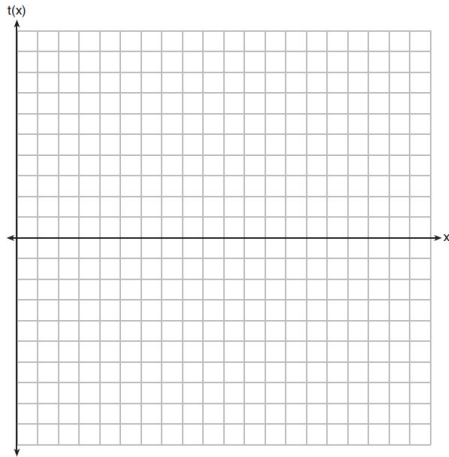
Name _____
Mr. Schlansky

Date _____
Algebra II

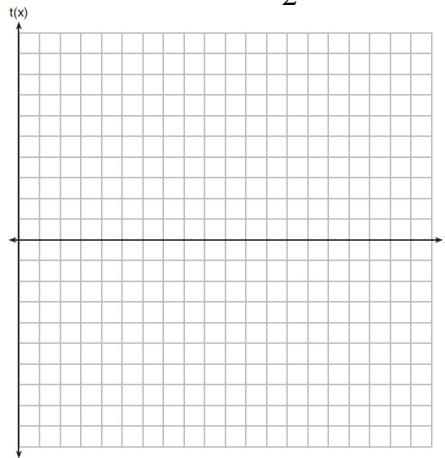
Graphing Sinusoidal Curves with Frequency

Graph one full wave of the following trigonometric functions and state the domain and range.

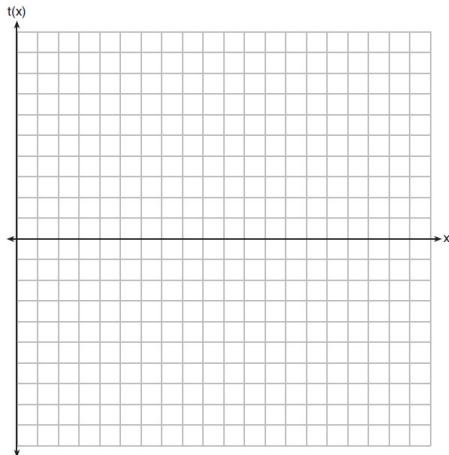
1. $y = 3 \sin 2x + 1$



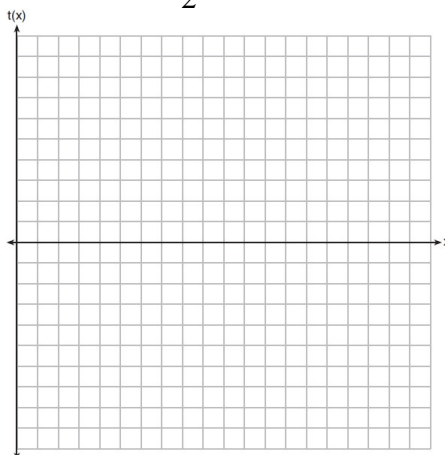
2. $y = -2 \cos \frac{1}{2}x$



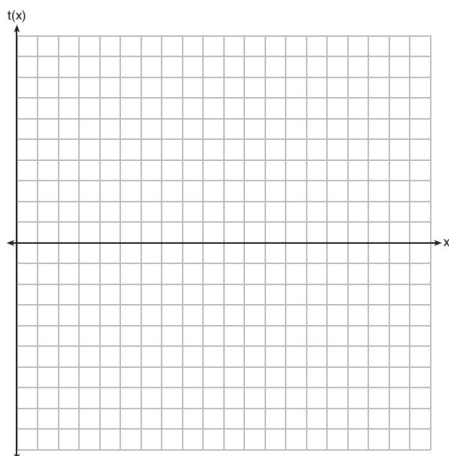
3. $y = 3 \cos 4x + 2$



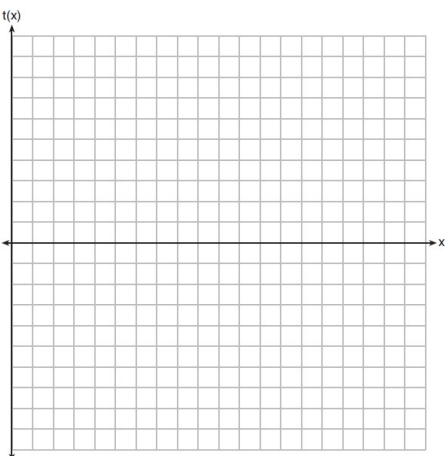
4. $y = -2 \sin \frac{1}{2}x - 1$



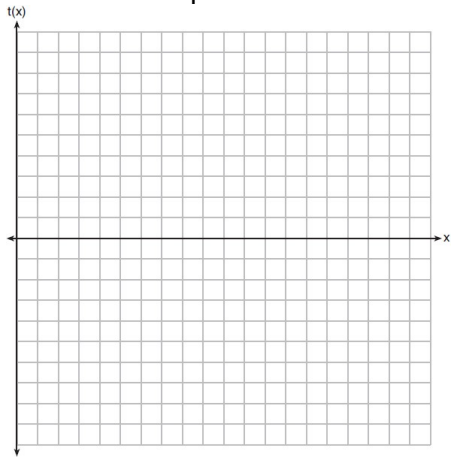
5. $y = 2 \cos 4x - 3$



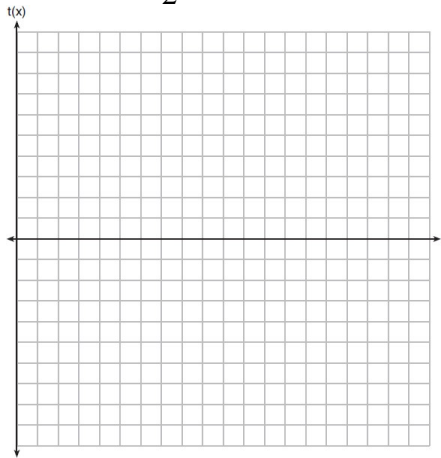
6. $y = \frac{1}{2} \sin 2x - 4$



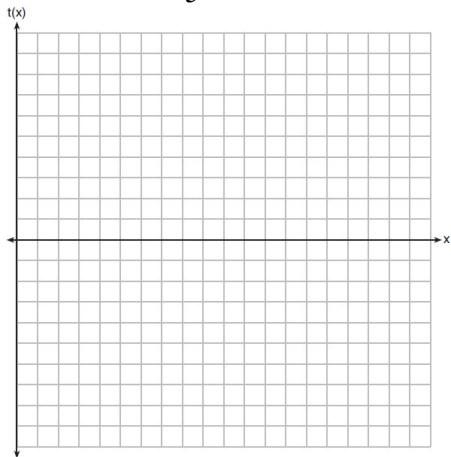
7. $y = -4 \cos \frac{\pi}{4} x + 1$



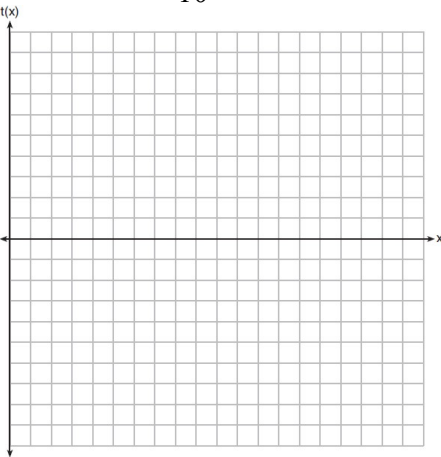
8. $y = 3 \sin \frac{\pi}{2} x + 2$



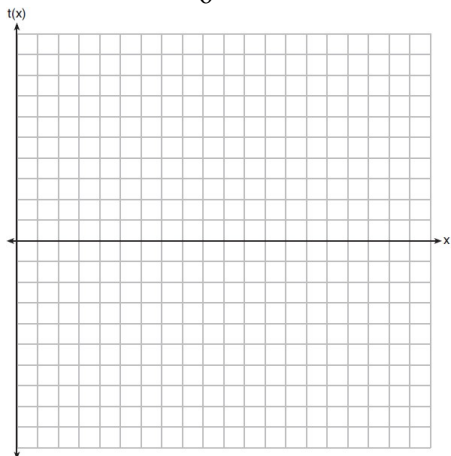
9. $y = -4 \sin \frac{2\pi}{5} x + 2$



10. $y = 3 \cos \frac{\pi}{10} x - 4$



11. $y = -3 \cos \frac{\pi}{6} x + 1$



12. $y = 2 \sin \frac{2\pi}{3} x - 1$

