

Name: _____ Garphing Trig Functions

Give the midline, amplitude, and period for each equation.

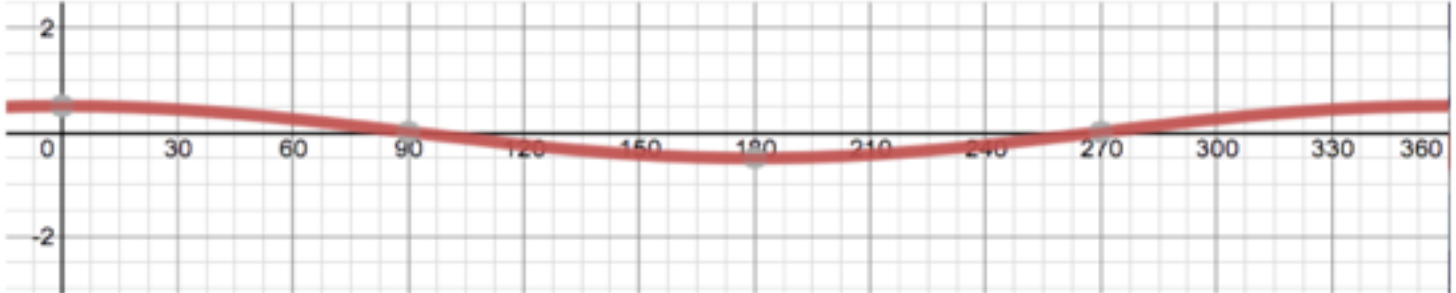
1. $y = 3 \sin (2x) - 3$
2. $y = 1/2 \cos x + 2$
3. $y = 2 \sin (3x)$
4. $y = \cos (1/2x - 30) + 1$

Graph. Be sure your midline is marked and you have degree measure on your x-axis and your graph is accurate!

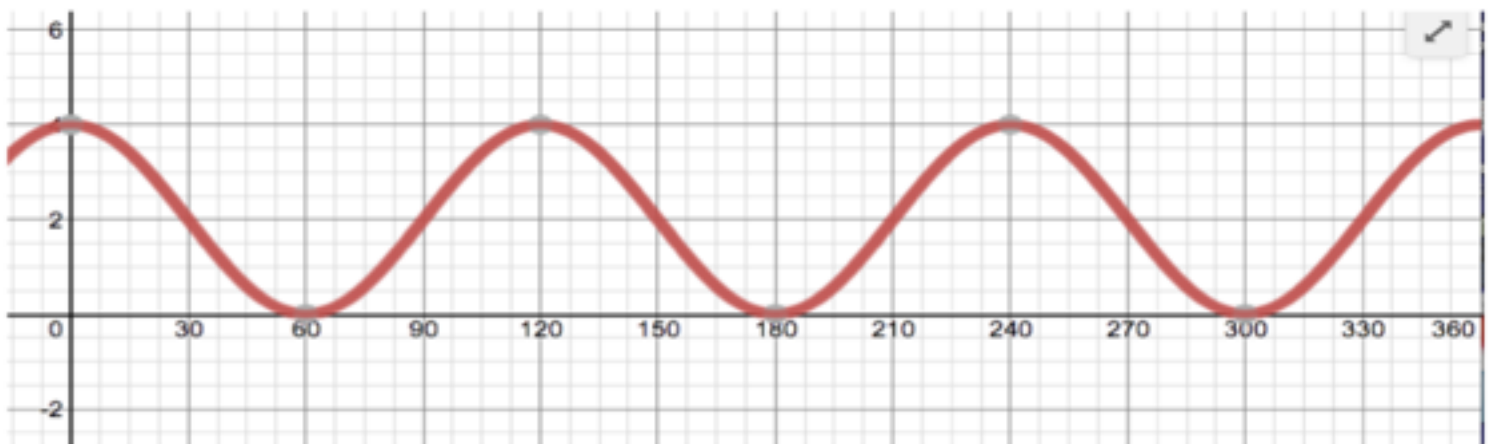
1. $y = 2 \sin (2x) - 3$
2. $y = 1/2 \cos x - 1$
3. $y = \sin (x + 30)$
4. $y = \sin (3x - 30) - 2$

Write an equation for the graphs.

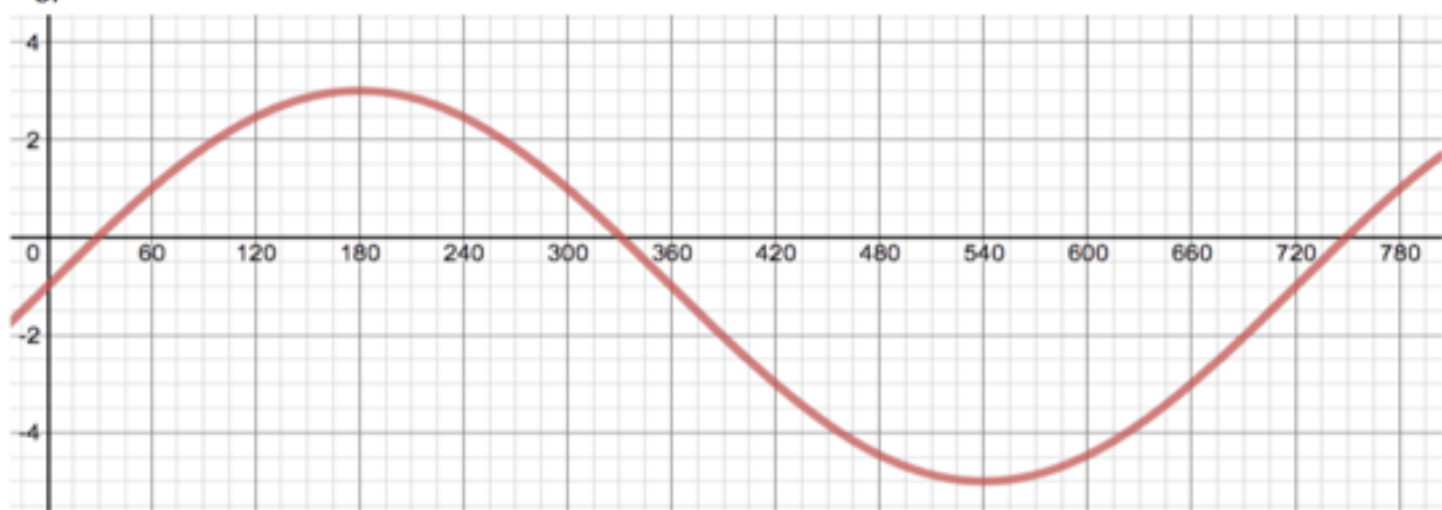
1.



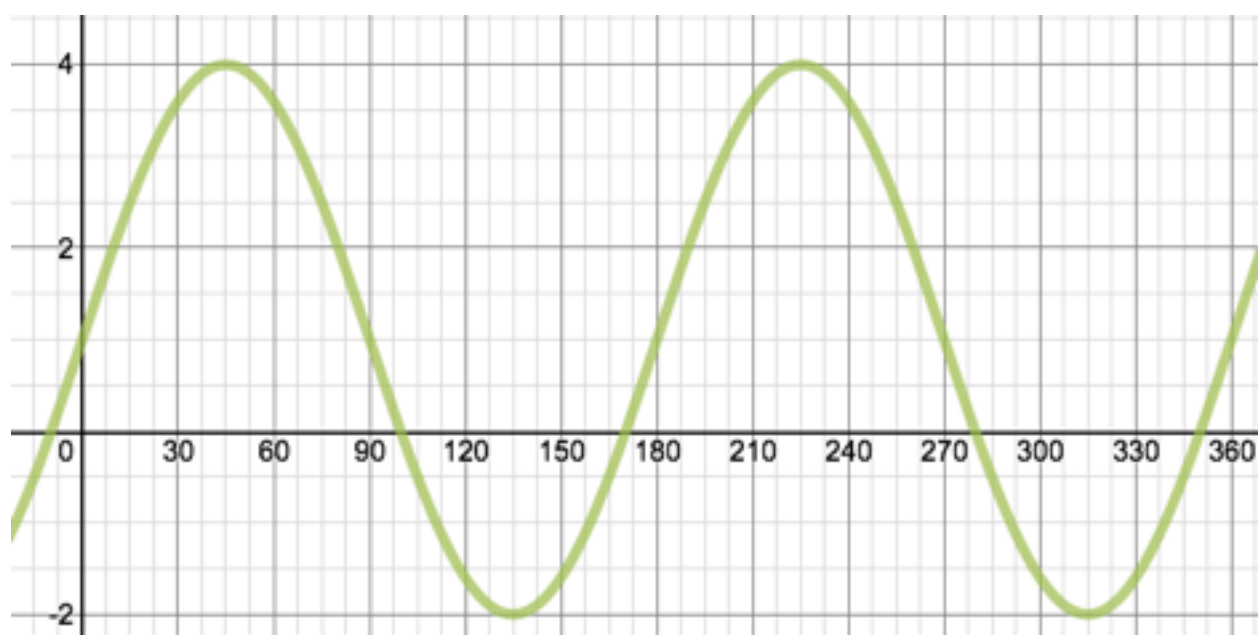
2.



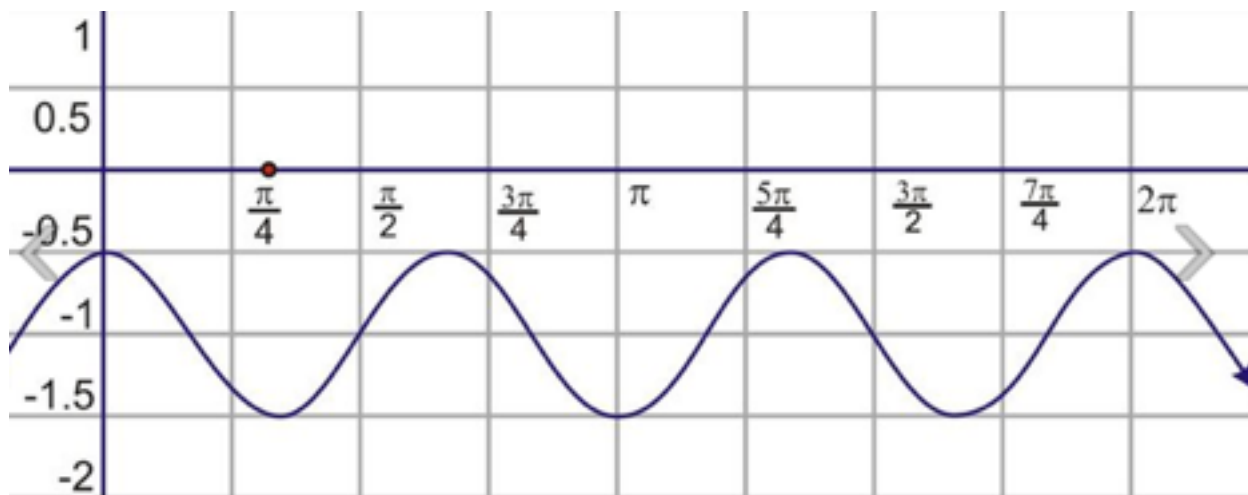
3.



4.



5.



6.

