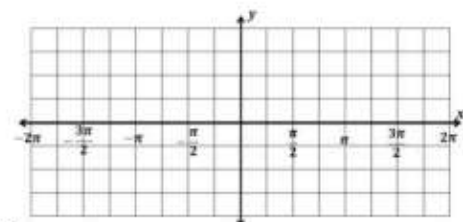


For 1-6, identify the given information and graph the trig function.

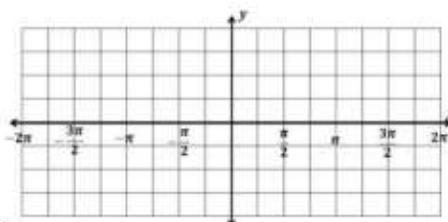
1) $y = 3 \cos x$

Amp: _____ Period: _____



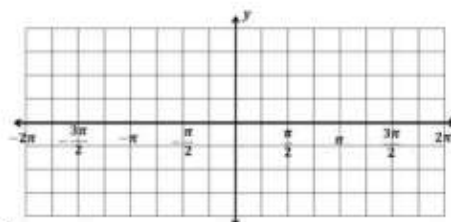
2) $y = -\cos 2x$

Amp: _____ Period: _____



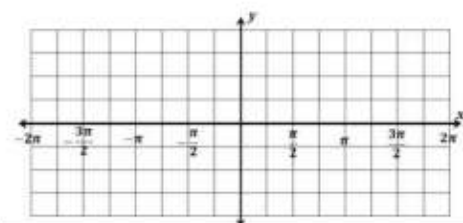
3) $y = 3 \cos \frac{1}{2}x$

Amp: _____ Period: _____



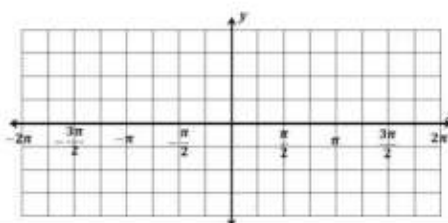
4) $y = 1 - 3 \sin 4x$

Amp: _____ Period: _____



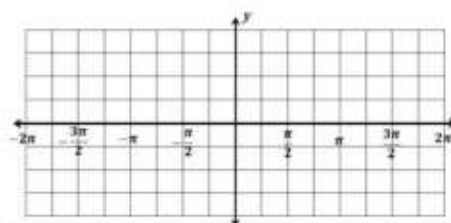
5) $y = 1 + 2 \sin 2x$

Amp: _____ Period: _____



6) $y = 2 \cos \frac{1}{3}x - 1$

Amp: _____ Period: _____



For 7 – 9, use the given information to create a sine function.

7)

Amplitude: 11

Period: 6π

Vertical Shift: up 3

8)

Amplitude: 3

Period: $\frac{3\pi}{7}$

Vertical Shift: down 9

9)

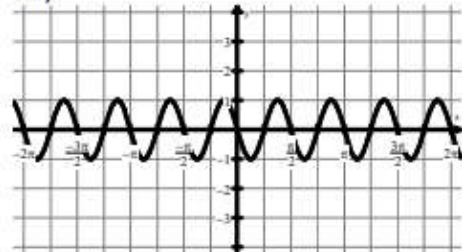
Amplitude: 6

Period: $\frac{1}{4}$

Vertical Shift: up 7

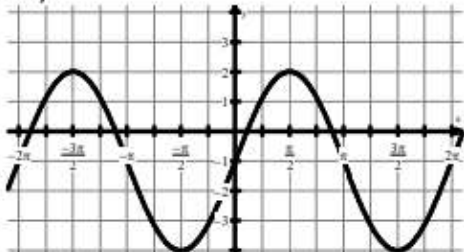
For 10-12, write the equation of the following sine curves.

10)



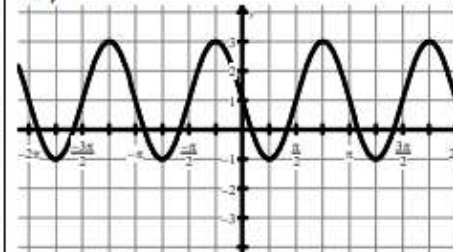
$y =$ _____

11)



$y =$ _____

12)



$y =$ _____