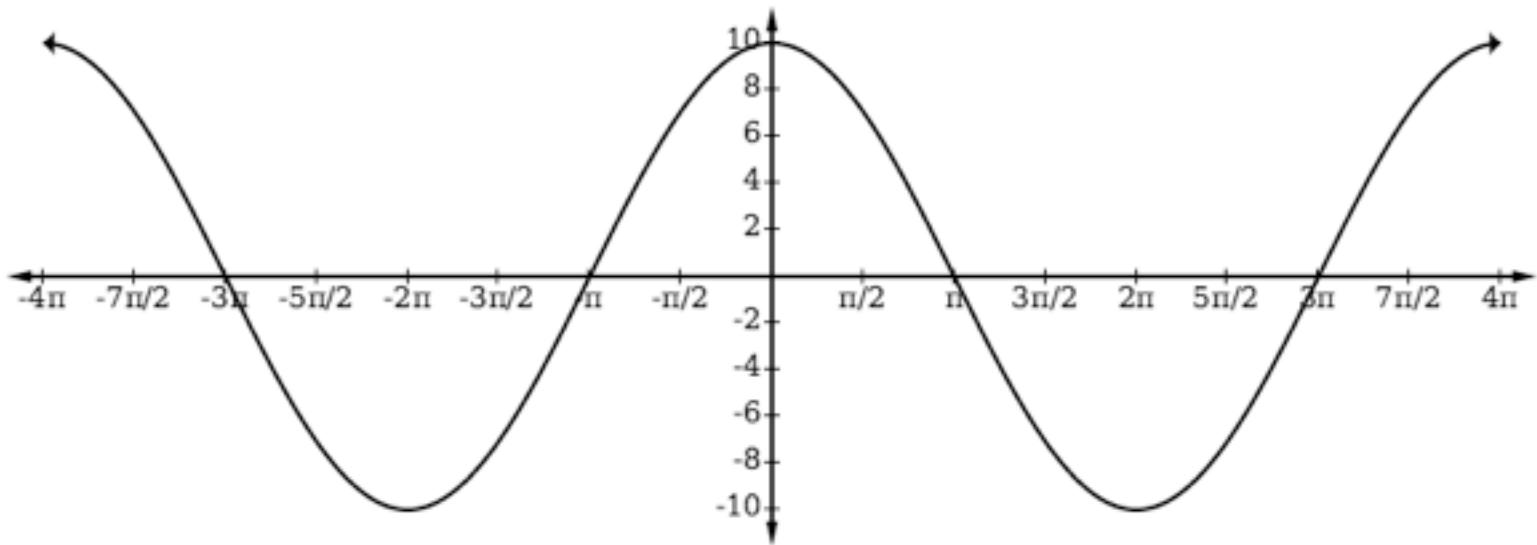


Write an equation for the following graphs.

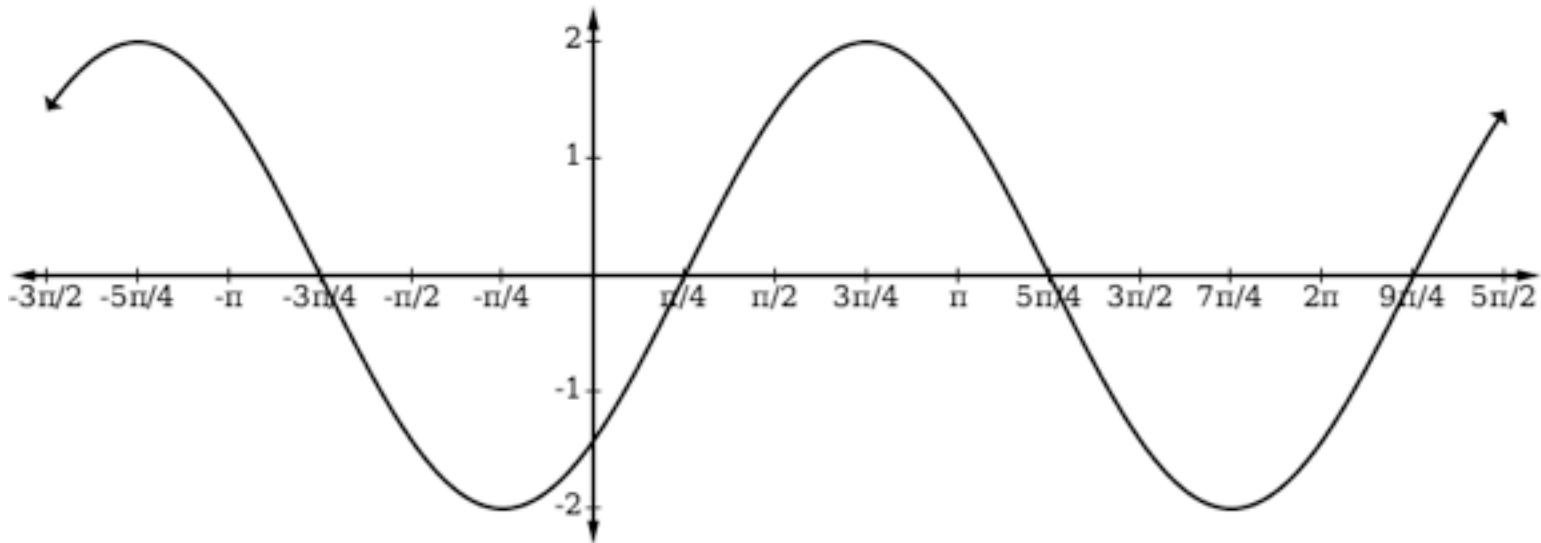
1



Amplitude: _____ Period: _____ (B. _____) Phase Shift: _____ Vertical Shift: _____

Write an equation in terms of the COSINE function: _____

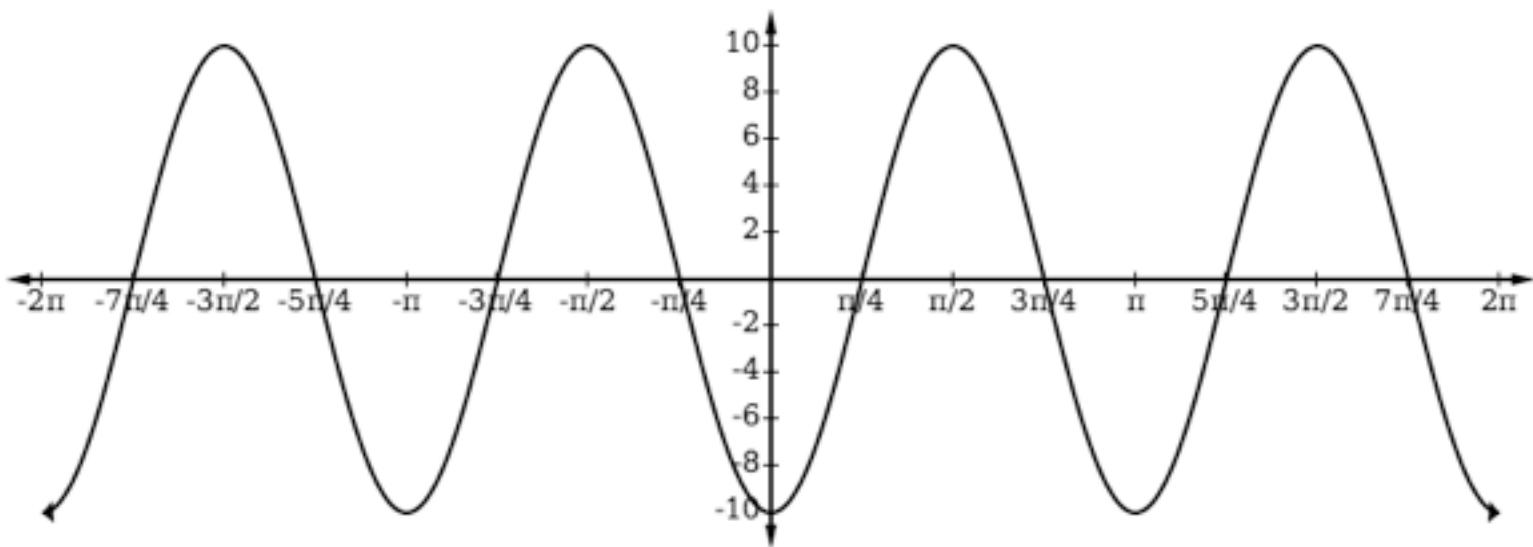
2



Amplitude: _____ Period: _____ (B. _____) Phase Shift: _____ Vertical Shift: _____

Write an equation in terms of the SINE function: _____

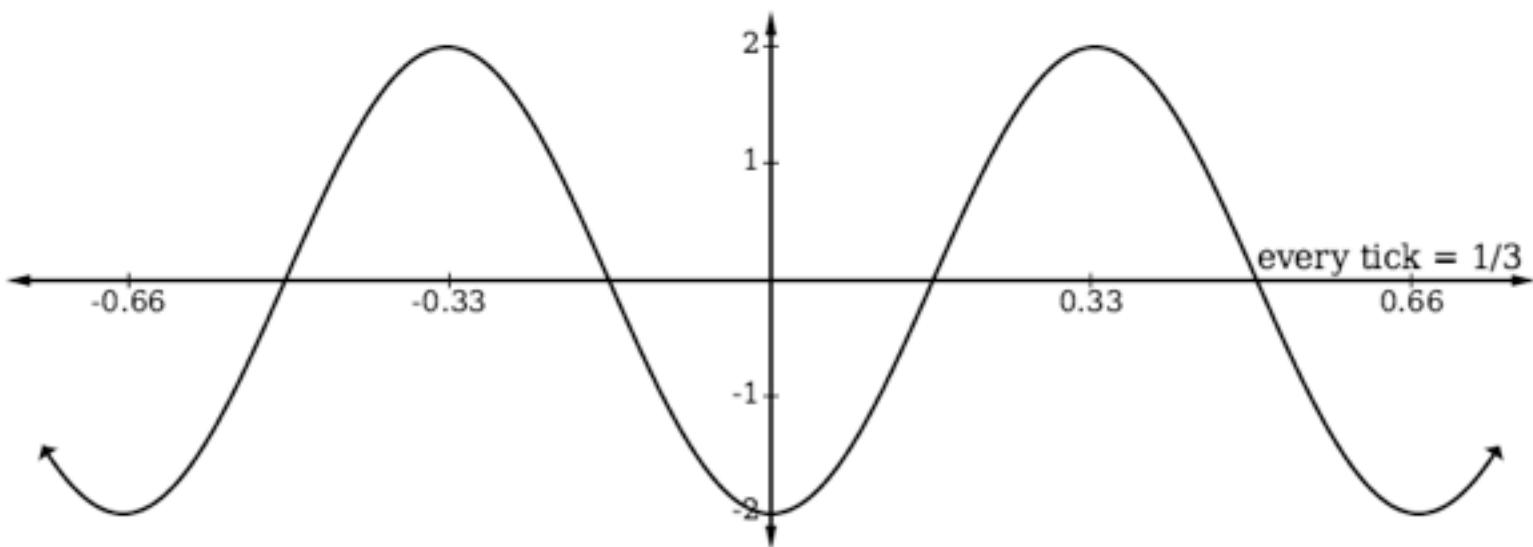
3



Amplitude: _____ Period: _____ (B: _____) Phase Shift: _____ Vertical Shift: _____

Write an equation in terms of the SINE function: _____

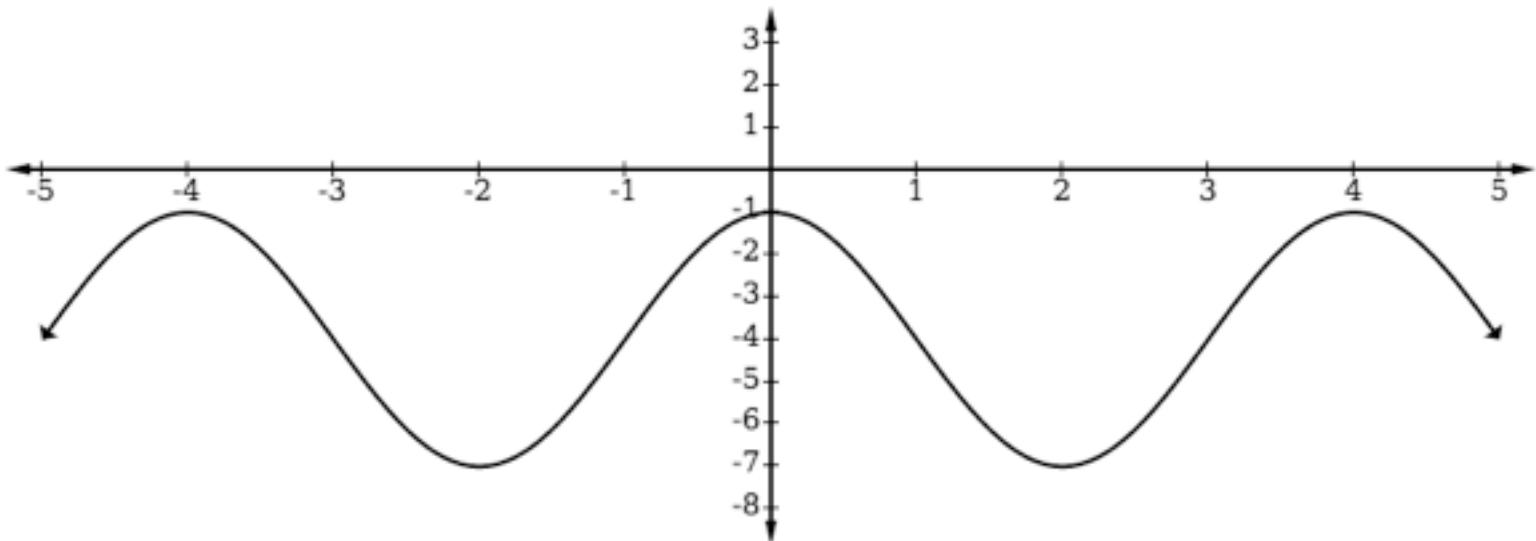
4



Amplitude: _____ Period: _____ (B: _____) Phase Shift: _____ Vertical Shift: _____

Write an equation in terms of the COSINE function: _____

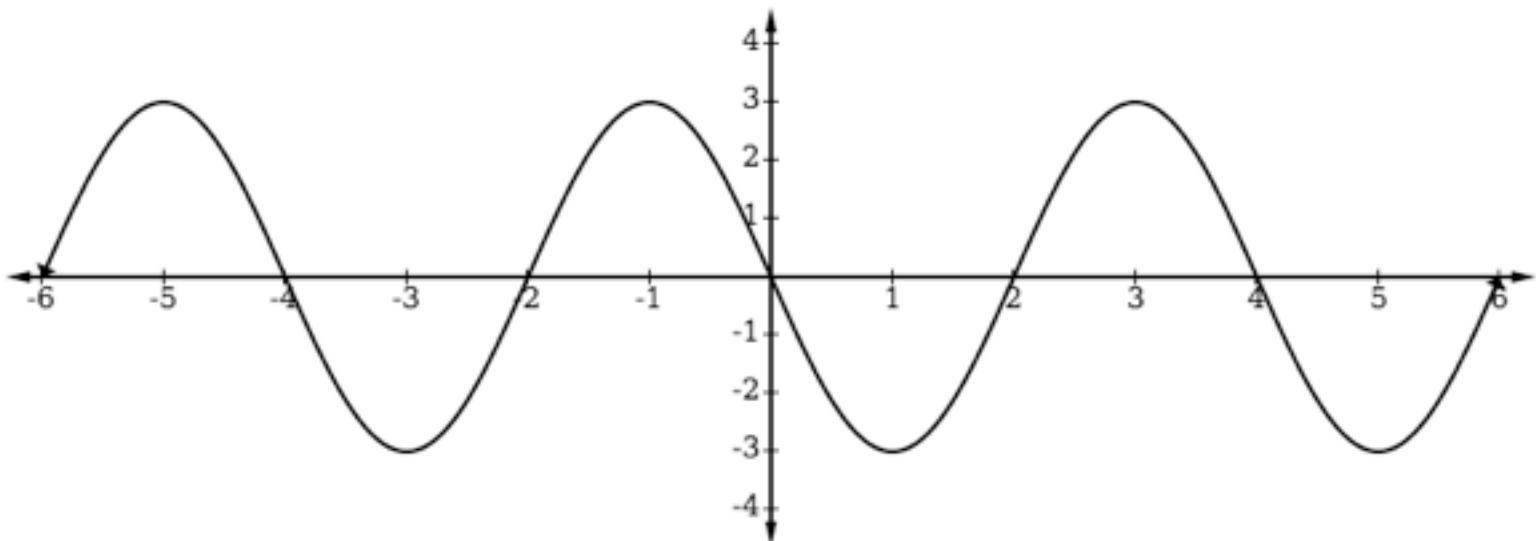
Write a second equation in terms of the SINE function: _____



Amplitude: _____ Period: _____ (B: _____) Phase Shift: _____ Vertical Shift: _____

Write an equation in terms of the COSINE function: _____

Write a second equation in terms of the SINE function: _____



Amplitude: _____ Period: _____ (B: _____) Phase Shift: _____ Vertical Shift: _____

Write an equation in terms of the SINE function: _____

Write a second equation in terms of the COSINE function: _____

Write an equation to fit the description given

7. Sine function with a vertical shift down two, a period of 2

8. Cosine function with an amplitude of 2, a period of 3π , a phase shift right $\pi/4$

9. Sine function with a reflection over the x-axis, an amplitude of one-tenth, a period of 2π , a phase shift left 1