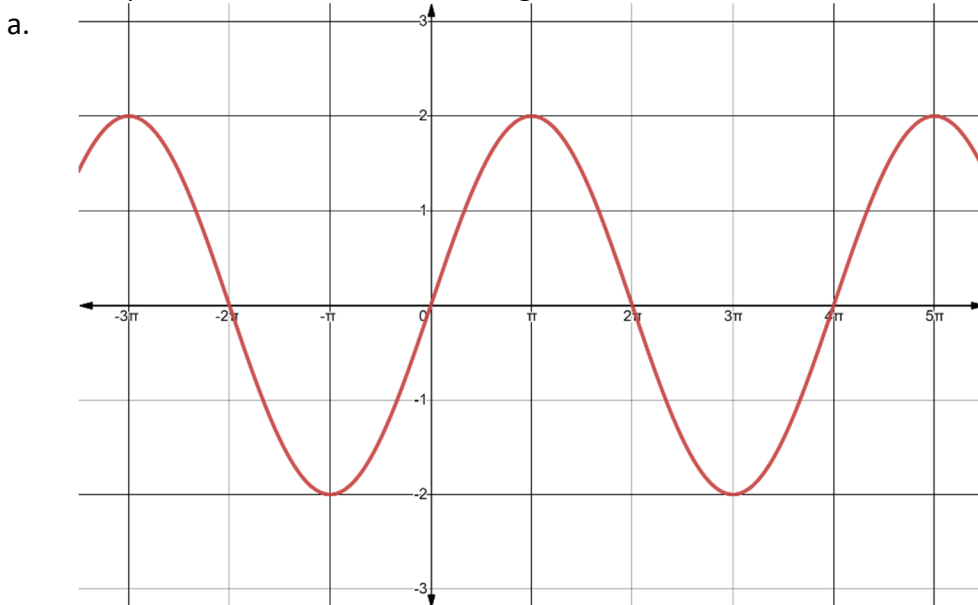


Name: _____

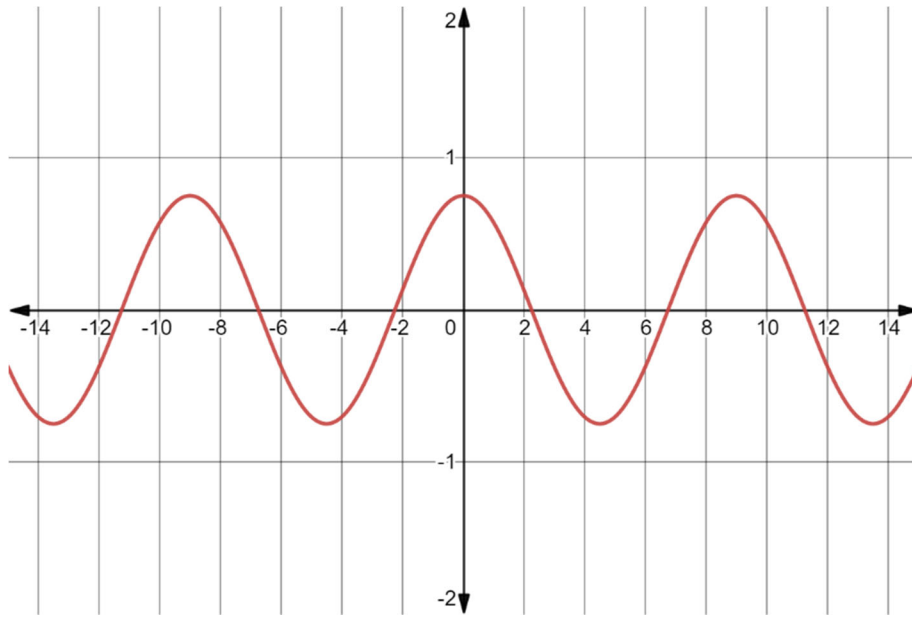
Date: _____

Learning Goal 5.1Graphing primary trigonometric functions, including
transformations and characteristics**More Questions**

- Determine the amplitude and the period in radians of the function $y = 2 \cos(x/3)$. Graph this function to verify your answers.
- Graph one complete period of the following functions.
 - $y = 4 \sin x$
 - $y = \sin(2x)$
 - $y = \frac{1}{2} \cos(3x)$
- Write the equation of the following transformed sinusoidal graphs.
 - sine function with amplitude 2.8 and period 60° .
 - cosine function with amplitude 3, and period 2π
- What is the equation of each of the following functions?

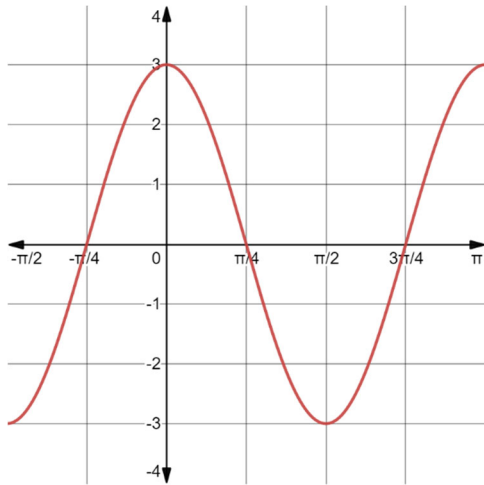


b.



5. Give the amplitude and period of the following functions.

a.



b.

