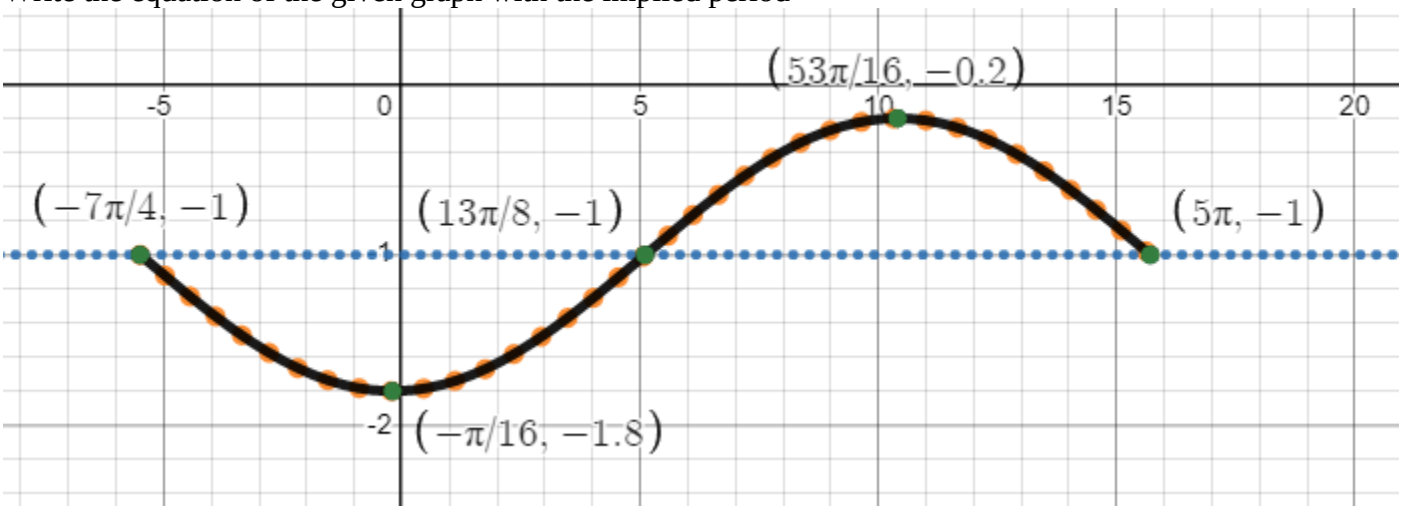
Name_____
FA Transformations of Sine and Cosine

2nd hour	3rd hour	4th hour
5th hour	6th hour	7th hour

Write the equation of the given graph with the implied period



Translated form of the function _____

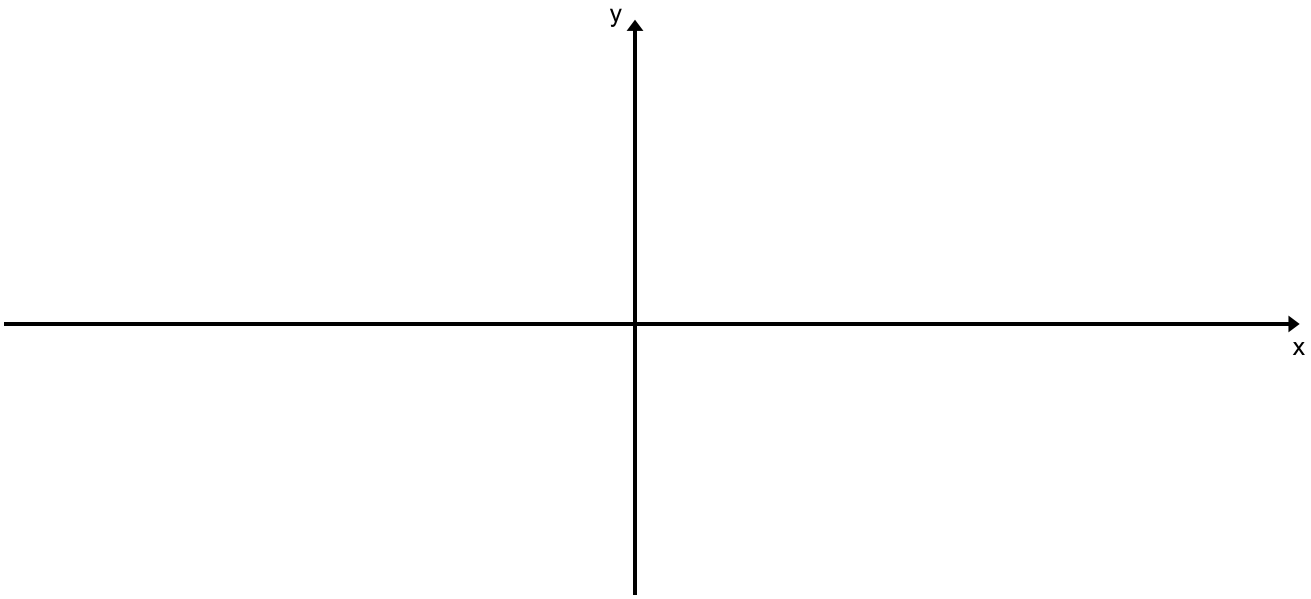
General Form of the function _____

Show any necessary work below

Sketch a graph of the function with the implied period

Complete the related table

Given function $f(x) = 2\cos\left(\frac{5}{8}x - \frac{25\pi}{4}\right) + 2$



Complete this table based on the implied period

Local extreme 1	Midline point 1	Local extreme 2	Midline point 2	Local extreme 3

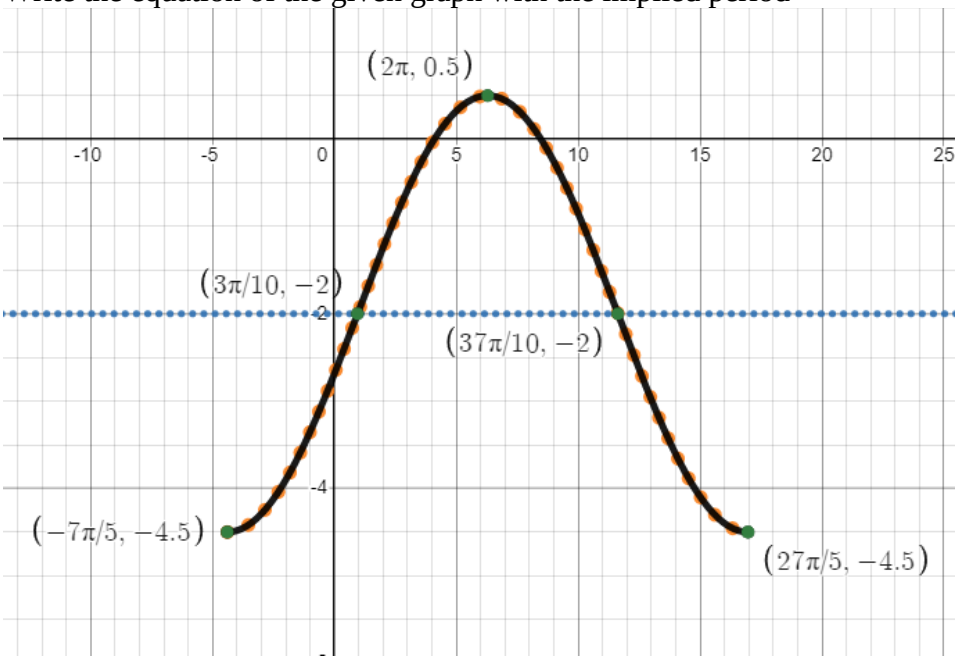
Show any necessary work here

Name_____

FA Transformations of Sine and Cosine

2nd hour	3rd hour	4th hour
5th hour	6th hour	7th hour

Write the equation of the given graph with the implied period



Translated form of the function _____

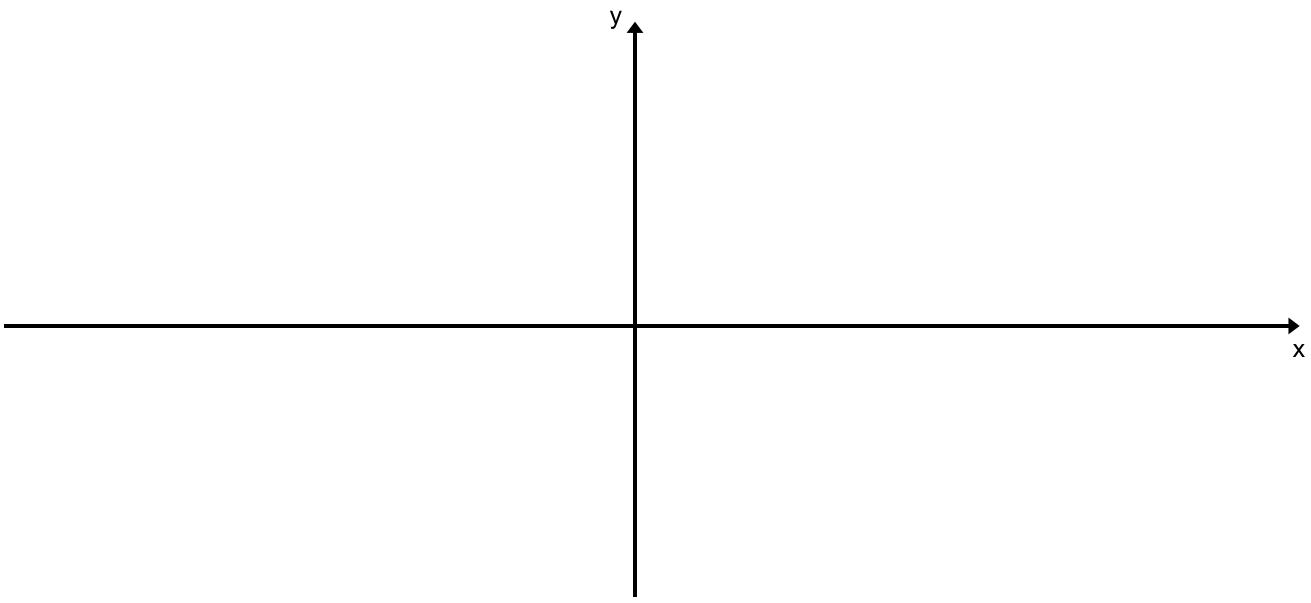
General Form of the function _____

Show any necessary work below

Sketch a graph of the function with the implied period

Complete the related table

Given function $f(x) = -3\sin\left(\frac{8}{5}x - \frac{32\pi}{5}\right) - 3$



Complete this table based on the implied period

Midline point 1	Local extreme 1	Midline point 2	Local extreme 2	Midline point 3

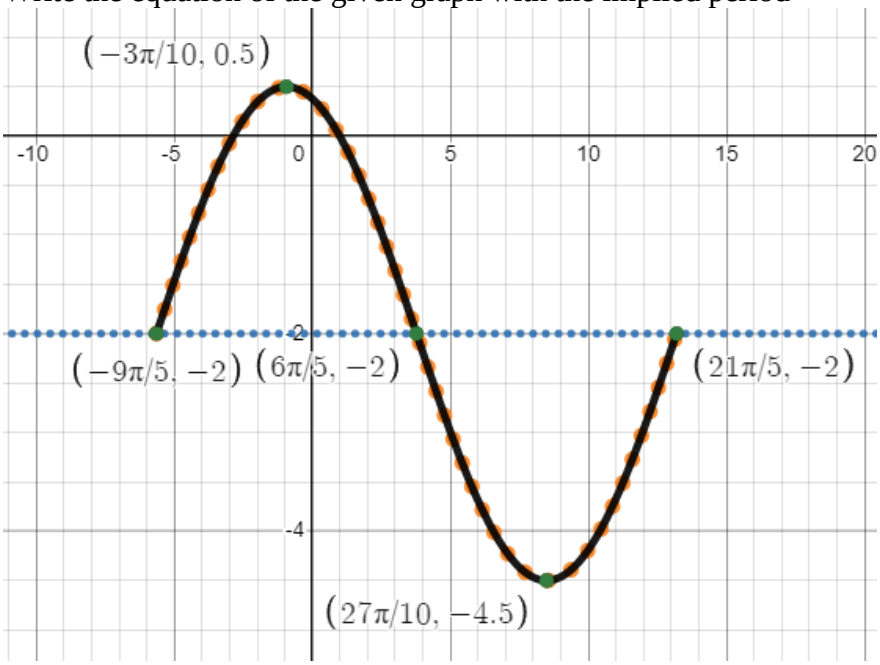
Show any necessary work here

Name_____

FA Transformations of Sine and Cosine

2nd hour	3rd hour	4th hour
5th hour	6th hour	7th hour

Write the equation of the given graph with the implied period



Translated form of the function _____

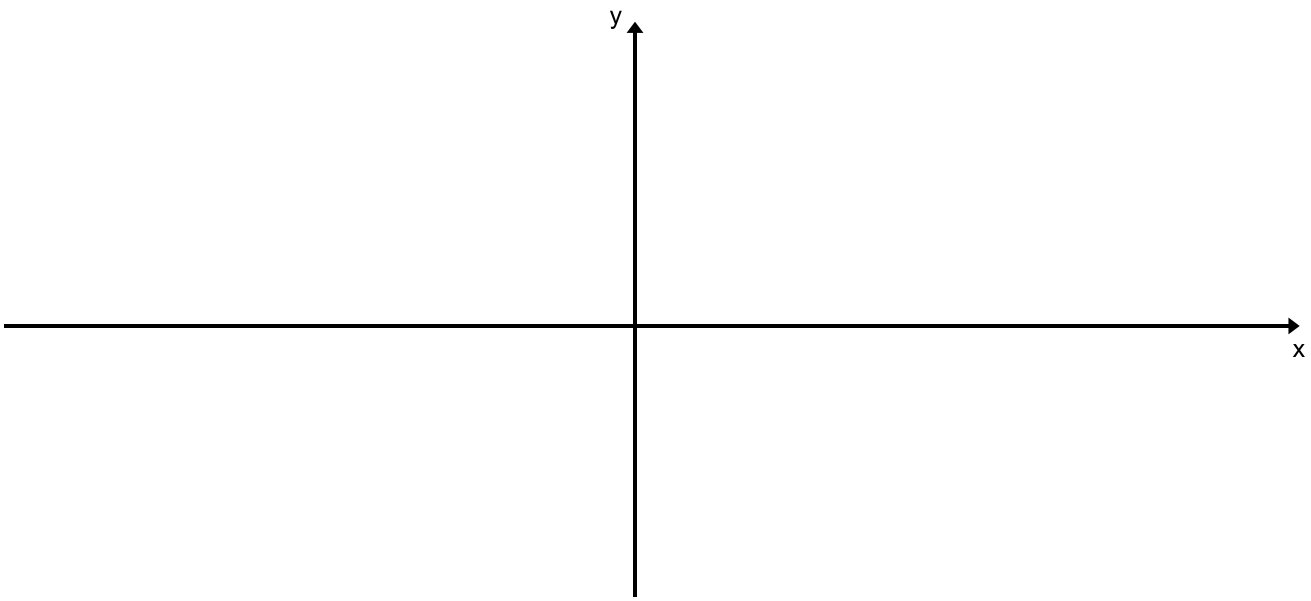
General Form of the function _____

Show any necessary work below

Sketch a graph of the function with the implied period

Complete the related table

Given function $f(x) = -4\cos\left(\frac{6}{5}x - \frac{36\pi}{15}\right) + 4$



Complete this table based on the implied period

Local extreme 1	Midline point 1	Local extreme 2	Midline point 2	Local extreme 3

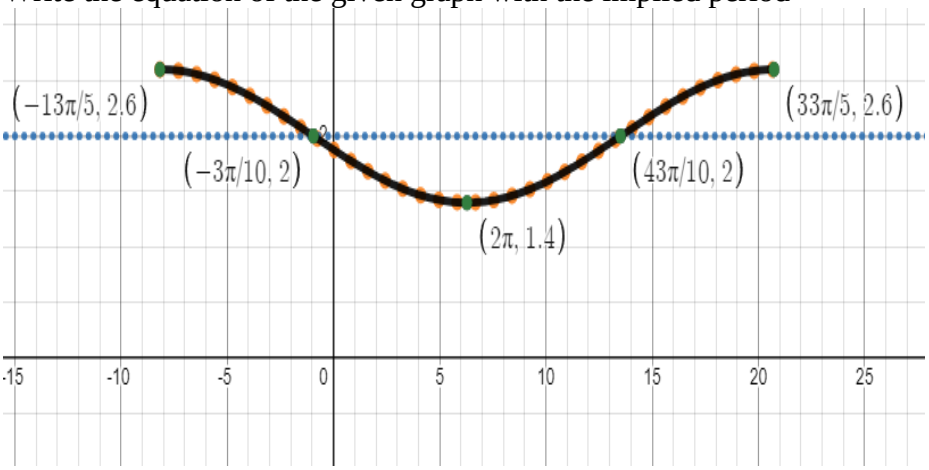
Show any necessary work here

Name_____

FA Transformations of Sine and Cosine

2nd hour	3rd hour	4th hour
5th hour	6th hour	7th hour

Write the equation of the given graph with the implied period



Translated form of the function _____

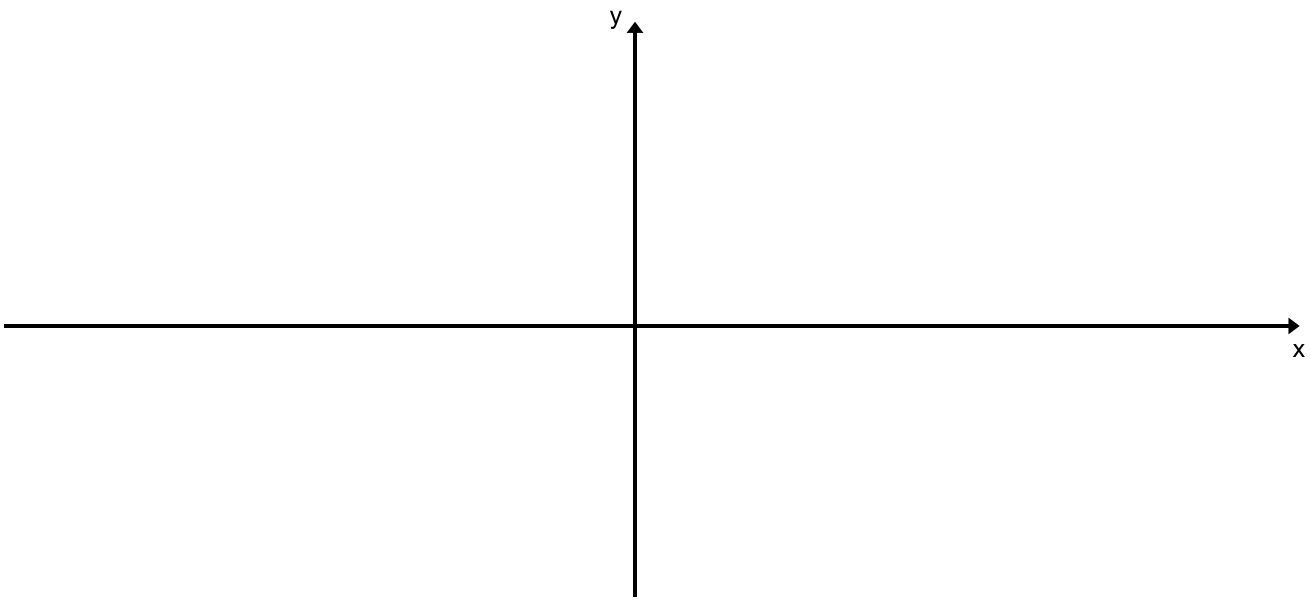
General Form of the function _____

Show any necessary work below

Sketch a graph of the function with the implied period

Complete the related table

Given function $f(x) = -5\sin\left(\frac{2}{3}x + \frac{4\pi}{9}\right) + 5$



Complete this table based on the implied period

Midline point 1	Local extreme 1	Midline point 2	Local extreme 2	Midline point 3

Show any necessary work here