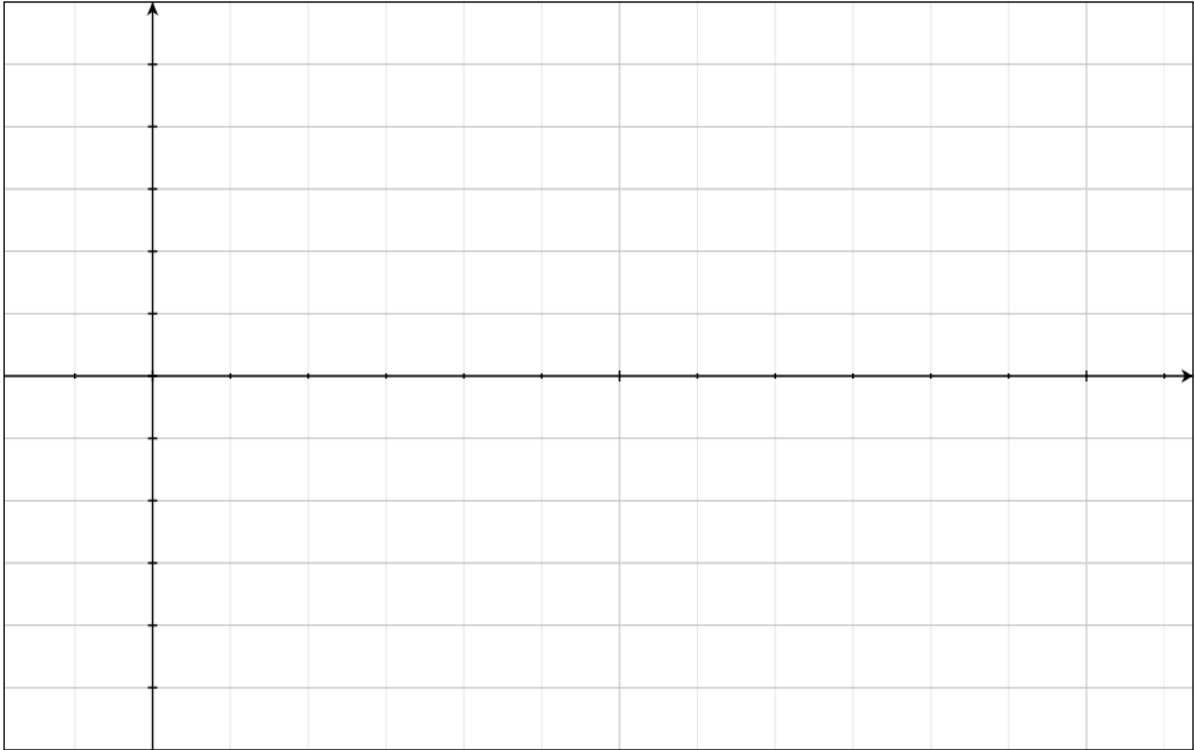


Precalc – Warm Up – 1/18/11

Name: _____ Period: _____

1) Consider the following function: $f(x) = 4 \sin 3x$

a. Sketch a graph of the function on the axes provided.



b. What is the amplitude of the function?

c. What is the period of the function?

d. Why is a sine function periodic (why do the values repeat)?