Math Art Project
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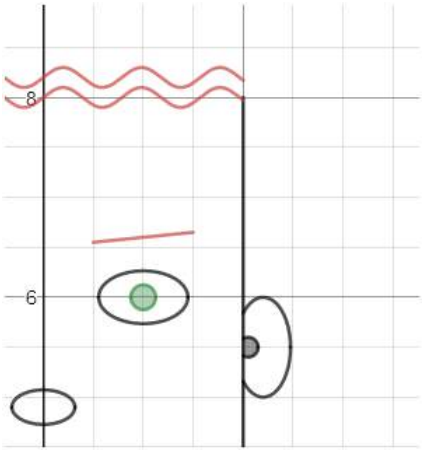
Name: _____
Period:

Introduction:
Go to https://www.youtube.com/watch?v=GwTVV4crgeY to receive an overview of this project, compliments of **MATHguide**.



Objective:
You are to create an original work of art.

Requirements:
Your drawing must include equations and inequalities. Some equations and inequalities must have restricted domains and ranges. These relations must be used.

1. Conic Sections: Ellipses, Circles, Hyperbolas, and Parabola
2. Linear, Quadratic, and/or Cubic Relations
3. Trigonometric, Logarithmic, and/or Exponential Functions
4. Absolute Value and/or Piecewise Functions

Your art must be animated using sliders. A minimum of two portions of your artwork must move.

Samples:
Go to https://www.desmos.com/art to find several static drawings.

Tips:
This is an ellipse that is filled in.

$$\frac{(x+1)^2}{0.05}+\frac{(y-6)^2}{2}\leq 1$$

Use $\{-1<x\leq 4\}$ after a relation to limit its domain on the interval (-1,4].

Value:

Due Date: