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: