

GRAPH IT AND MAKE IT COME TO LIFE

DUE DATE: _____
F: ____ / 20 P: ____ / 9

For this part of your midterm, you will replicate a picture using the program SketchPad. It is very important that you follow the checklist below to ensure that you have included everything.

Find a picture that inspires you. You will replicate the picture you found by using functions and limiting the domain of each function. Use the activity done in class as a model.

Use a lot of creativity and really stretch your mind. Your grade will not only come from including the required items but also your imagination and creativity. I want you to have fun with this and learn from this activity! May the Math Be With You!

Checklist:

_____ Find a picture that inspires you and include it with the final product [P - 2]
Site the source where you found the picture

_____ Use the program SketchPad

_____ Include the following functions (minimum of 20 functions) [F - 20]

- At least 3 quadratic functions
- At least 1 cubic function
- At least 1 square root function
- At least 1 power function
- At least 4 linear functions

_____ A list of all the original functions have been included in an organized fashion [P - 5]

For example, if the picture is a body, you might organized the functions the follow way:

FACE:

function #1
function #2
function #3

LEFT ARM:

function #4
function #5

BODY:

function #6
function #7

_____ Demonstrate creativity [P - 2]