

Math 1 - Extra Credit Art Project

Name: _____

Your assignment is to make a piece of art using linear and exponential functions. This will be graded and will count as a quiz grade. It is due NO LATER THAN Monday, October 29. Since this is optional extra credit, NO LATE ASSIGNMENTS WILL BE ACCEPTED. You are encouraged to turn it in early!

Requirements:

Title for art piece: _____

On a full sheet of graph paper

Clearly labelled axis (pay attention to your scale and plan your functions BEFORE you label your axis)

Fully colored and/or decorated

Includes the following functions. Write the equation on the line provided for each function you used. You may use additional functions or decorations, but these 5 must be clearly identifiable in the picture.

Linear increasing function _____

Linear decreasing function _____

Exponential increasing function _____

Exponential decreasing function _____

Free choice function _____

Rubric:

	Points Possible	Points earned				
Title	10					
Full sheet of graph paper	10					
Fully colored/decorated	10					
Neat, easy to read	10					
Clearly labeled axis	10					
Each equation						
Correct type of function	2					
Equation matches graph	8					
Total	100					