# Geometry Project
## Real World Similarity Mini-Book
### Group Project

OBJECTIVE: You and your group will create a mini-book that displays examples of similarity in the real world.  Similarity exists everywhere: in nature, art, architecture, business, advertisements, etc…  Some examples are tree growth rings, company logos, and golden ratio art.  Your book will contain 5 examples of similarity in the real world and an explanation for each one.

DIRECTIONS:  In class, as a group, discuss the topic of your minibook.  Tonight, each person in your group should find one example of similar figures in the real world.  Bring to class a picture of the example and the proper measurements.  Then in class, write an explanation for each example.  Create a mini-book with these items.  The book will be created on construction paper folded in half.

REQUIREMENTS:

By Artist Don Relyea

- 5 different examples of real world similarity (find a variety and give it a theme!)
- Pictures of each example.
- Explanation of each example includes:
    - Why/How the examples are similar.
    - Scale Factor
    - Measurements of each object
    - Side length and/or other measurement ratios
- All writing, pictures, and final product is neat and organized.
- Include appropriate labels.
- Title Page
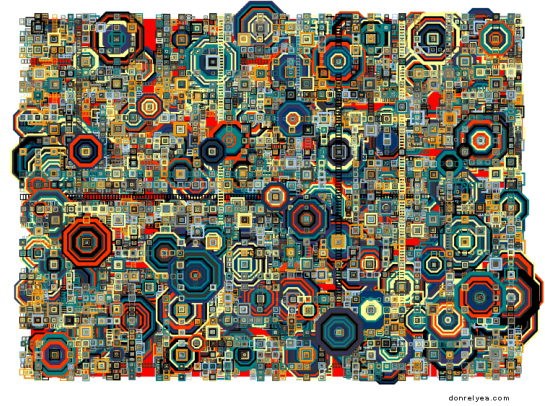- Work Cited Page (picture citations!)

RUBRIC:

_____/30 points – Finished product is neat, organized, well-labeled, and easy to comprehend.


_____/30 points – All aspects of the explanation are available and mathematically accurate.


_____/30 points –All 5 examples are of a variety of type, geometrically similar, and creative.


_____/10 points – Preparedness for Tuesday and behavior in the classroom.

## What you need on Tuesday:
- Your picture of two geometrically similar, real-world objects
- Real-world measurements of each object.
- Glue sticks, tape, or other mounting material
- Markers, colored pencils, or other writing utensils


## Group members:                **Example:**

1. _____           _____

2. _____           _____

3. _____           _____

4. _____           _____

5. _____           _____