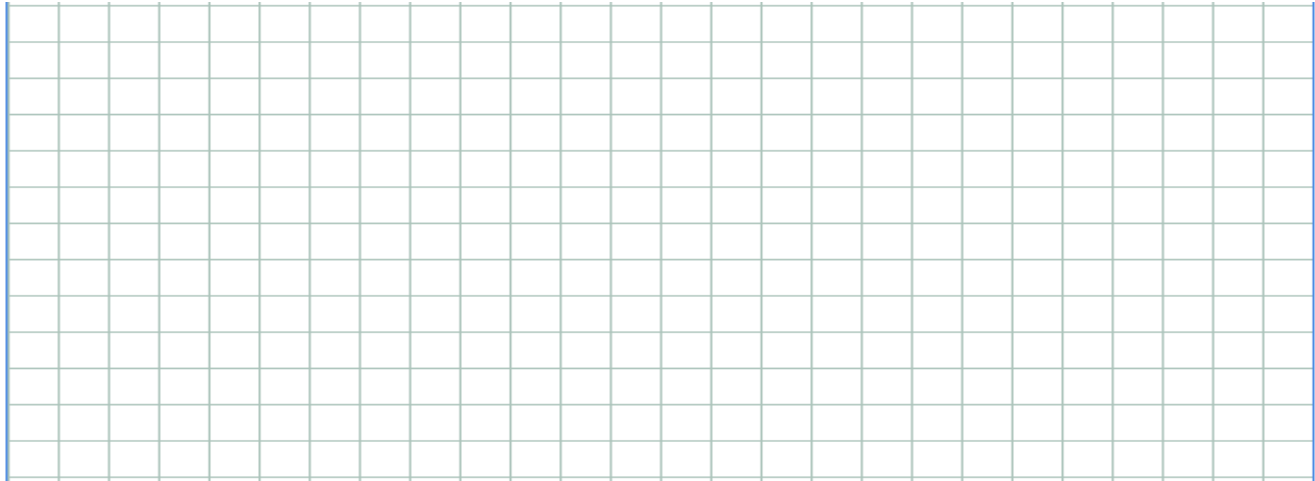Design A Park Project- Skate Park

CEO(s)_____

Park: _____

Name of Object: _____

Sketch of Object: Label points as letters A-Z

Statistics: Using the side that has 2 geometric shapes, Identify:

1. Area of Shape 1-

Shape: _____ formula: _____

Work

Area: _____

2. Area of Shape 2

Shape: _____ formula: _____

Work

Area: _____

3. Area of side= _____

4. Perimeter-_____

<u>Line Geometry</u>

1. What are two points on the figure? _____ and _____

2. Identify two lines on the figure: _____ and _____

3. Identify two angles on the figure: _____ and _____

4. What is the name of the side used for the area? _____

5. Identify two lines that are <u>Parallel:</u> _____ and _____

6. Identify two lines that are <u>Perpendicular:</u> _____ and _____

Problem Solving:

1. The plywood that you are purchasing costs around $1.50 per square foot. What would be the total cost of plywood for that one side of the object?

2. Look at the dimensions of each side of the object. What would be the surface area of the object?