**Determinant Project**

Objective: I will find the area of a given shape using determinants.

Materials:

 1) Set of coordinate points (5 points in total)

 2) Small poster board. Should be larger than normal paper and smaller than a half poster.

Directions:

 1) Create a grid and plot the points.

 2) Decorate the given shape. Be creative and colorful. NO GLITTER.

 3) Find the area of the shape using determinants. All the math should be worked out and

 organized. You may use a calculator to check your work.

Grading: 25 pts (on time), 25 pts (decorated and creative), 50 pts (correct math)

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