**Slogan Project**

Geometry - Mrs. Vazquez

In this project, you will deduce an argument that can be made from a visual advertisement found online. The picture ad will be in the form of two power point slides. Students will assume an argument (in the form of a conditional statement) the company wants to make the general population feel or think about their product.

On one slide, students will:

* Create an original, school appropriate, visual ad for a product.
* Write a conditional statement that you think the company wants consumers to feel about their product.

On the other slide, students will:

* Write a counterexample for the original statement.
* Write an inverse to the conditional statement.
* Write a converse to the conditional statement.
* Write a contrapositive to the conditional statement.
* Write a second conditional statement using the original conclusion as the hypothesis.
* Write a third conditional statement that reflects the Law of Syllogism for the first two conditional statements.
* Mathematically explain, with detail, how you determined the inverse, converse, and contrapositive for the original conditional statement.
* Mathematically explain, with detail, how you determined the conditional statement that uses the Law of Syllogism.

Students will print their own slides to be turned into Mrs. Vazquez, and will present project using their PowerPoint slides from their flash drive. (3 minutes)