Geometry
Chapter 3
**CENTRAL** problem

Name _____

Due Date _____

**C**ore **E**ngaging **N**ecessary **T**hought-provoking **R**eal **A**uthentic **L**earning

**For this CENTRAL problem create a slide show using either power point or google slides. You must submit one slide show in google classroom that includes ALL pieces of the CENTRAL problem. Include a title page with name and class hour.**

## Section A: Angle Pairs

Find a real life map of intersecting roads and label the angles created by the intersections as $\angle A$, $\angle B$, $\angle C$, and so forth. Then identify a pair of angles for each: corresponding angles, alternate interior angles, alternate exterior angles, consecutive interior angles, vertical angles, or linear pair of angles.

When you paste the picture of your map into your slide show you will be able to label each angle by inserting a text box. Be sure to list your angle pairs on the SAME slide.

## Section B: Lines, Planes and Supermath

The corners of Mrs. Hutschenreuter's room are labeled with points H, U, T, S, C, E, N, and R. Answer the following questions:

1) A line parallel to $\overleftrightarrow{HU}$.
2) A line skew to $\overleftrightarrow{TN}$.
3) A line perpendicular to $\overleftrightarrow{US}$
4) A plane parallel to plane *HUE*.
5) A plane perpendicular to plane *RES*.
6) Name the intersection of plane *HCT* and plane *SNR*.

Be sure to include the questions in your slide.