Name: _____

# Geometry Street Map Project

Use what you know about angles to design a map of a town that includes all the angles learned about in class.

Town:

Your town must have a name (1 point)
Your town must include at least 6 roads that are named (1 point each – 6 total points)
Map should be neat, orderly, colorful and a ruler should be used. (10 total points)

Angles:

Identify pairs of angles as complementary, supplementary or vertical
Label each angle with a letter.
Use your labels to identify 3 pairs of the following (4 points each – 36 total points):

- Supplementary Angles
- Complementary Angles
- Vertical Angles

Missing Angle Measures

Write and answer five questions about your map and its angles.
Using a protractor and what has been learned about supplementary, complementary, vertical and adjacent angles to determine the measurement of all of angles. (23 total points)
You should show equations and/or explain how you use angle relationships to find the measurements of 6 angles. (4 points each – 24 total points)

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