

# Geometry – Street Project

**Project Preparation:** Plan and draw a street map for a fictional city according to the directions listed below. Follow the guidelines carefully!



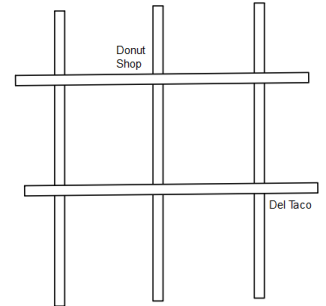
## I. Appearance

- It must be drawn neatly.
- Buildings and streets must be placed according to directions.
- Appropriate building names must be placed on “signs” on or near the buildings (ex: National Bank).
- Neatly print your names in the lower right corner on the back of the project.
- Include the name of your city and its population at the top.

**Creativity and neatness count!!**

## II. Required Items

- At the top of the drawing, place the name of the city and give it to a population number.
- Construct 4 parallel streets – all named.
- Construct 2 perpendicular transversal streets – name them.
- Label a Gas Station and a Restaurant at congruent alternate exterior angles.
- Label a Donut Shop at a vertical angle with the Restaurant.
- Label the Community College at congruent corresponding angles with the Donut Shop.
- Label your House and your School at supplementary consecutive interior angles.
- Label Grandma’s House at a supplementary consecutive interior angle with your School.
- Label the Courthouse and the Bank at congruent alternate interior angles.
- Label a Department Store and a Place of Worship at congruent corresponding angles.
- Label the Fire Department and the police station at congruent alternate interior angles.
- Label the McDonalds and Del Taco as supplementary angles to the Courthouse.



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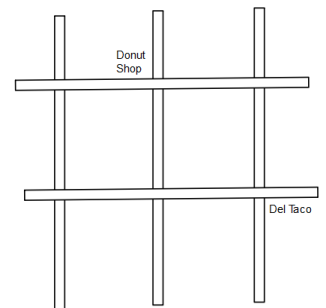
## III. Appearance

- It must be drawn neatly.
- Buildings and streets must be placed according to directions.
- Appropriate building names must be placed on “signs” on or near the buildings (ex: National Bank).
- Neatly print your names in the lower right corner on the back of the project.
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**Creativity and neatness count!!**

## IV. Required Items

- At the top of the drawing, place the name of the city and give it to a population number.
- Construct 4 parallel streets – all named.
- Construct 2 perpendicular transversal streets – name them.
- Label a Gas Station and a Restaurant at congruent alternate exterior angles.
- Label a Donut Shop at a vertical angle with the Restaurant.
- Label the Community College at congruent corresponding angles with the Donut Shop.
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<b>Rubric For City Map Project</b>		<b>Totals</b>
Name of City	1 point	
Population #	1 point	
4 constructed parallel lines	5 point each	
Naming the streets	1/2 point each	
2 transversals	5 point each	
Naming the transversals	1/2 point each	
Gas station / Restaurant	5 points	
Donut Shop / Restaurant	5 points	
Community College / Donut Shop	5 points	
House / School	5 points	
Grandma's / School	5 points	
Court House / Bank	5 points	
Dept. Store / Place of Worship	5 points	
Fire Dept. / Police Station	5 points	
McDonald's / Del Taco	5 points	
Overall Neatness	10 points	
Creativity	10 points	
<b>TOTAL</b>	<b>100 POINTS</b>	

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