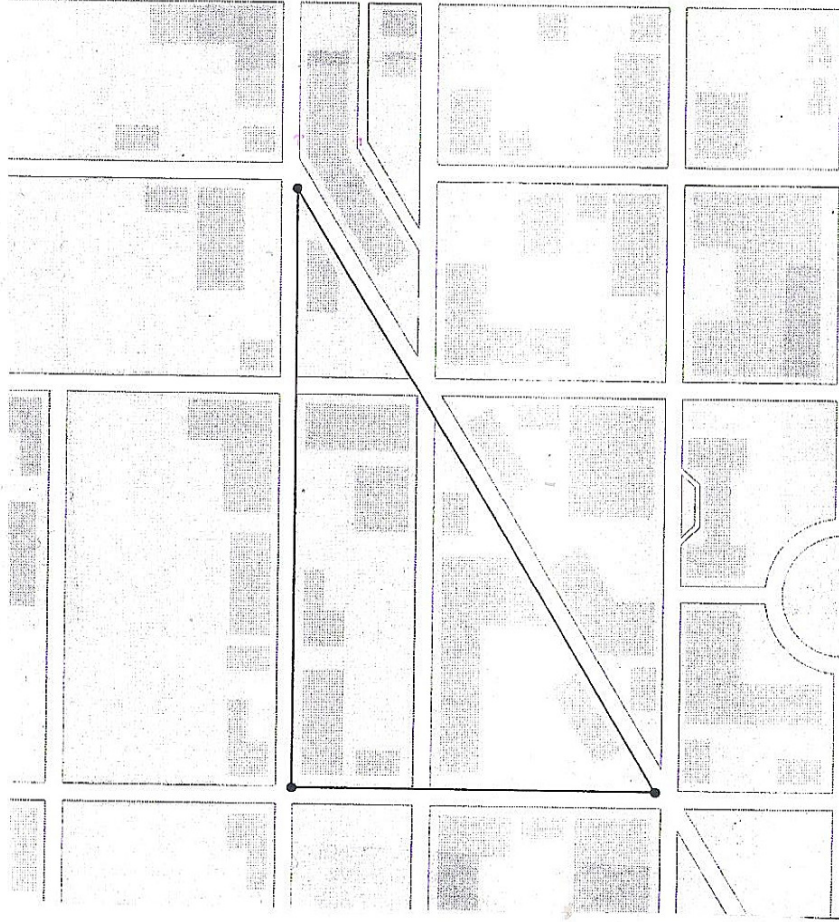


Names of all People in Group: _____

Bicycle Renting Stations

The city planners for a large town want to add bicycle renting stations around town. How will you decide the best locations?

1. One planner thinks that the rental station should be equidistant from the three largest businesses represented by black points. To find this point, construct the _____ . Work in red pen. Label this Location 1.
2. Another planner proposes that the rental station should be equidistant from the three roads that join the businesses represented by black points. To find this point, construct the _____ . Work in black pen or pencil. Label this Location 2.
3. The third planner proposes that the location be at the centroid of the triangle formed by the three largest businesses. Find this point. Work in blue or green pen. Label this Location 3.



4. Which location do you believe would be the best? Explain why in terms of geometry and city planning.
