

Design your own Parallel city

Due _____ for a **TEST GRADE**

You may work by yourself or with a group. If you work with a group, your group may have NO MORE THAN 3 members.

Your group must design a city with the following requirement:

The city must have:

- A name and population
- At least 4 parallel streets (NOT TWO PAIR, BUT FOUR ALL PARALLEL TO EACH OTHER)
- At least 3 transversals (which are not required to be parallel)
- A fire station (COLORED RED) and a mall (COLORED RED) located at alternate interior angles
- A school (COLORED GREEN) and a park (COLORED GREEN)located at same side interior angles
- A library (COLORED BLUE) and a swimming pool (COLORED BLUE) located at vertical angles
- A church (COLORED YELLOW) and a car dealership (COLORED YELLOW) located at corresponding angles
- A restaurant (COLORED GREEN) and a theatre (COLORED GREEN) located at same side interior angles
- A college (COLORED RED) and a grocery store (COLORED RED) located at alternate interior angles
- A gas station (COLORED YELLOW) and a post office (COLORED YELLOW) located at corresponding angles
- A police station (COLORED BLUE) and hospital (COLORED BLUE) located at vertical angles

You must name each of the following:

- | | | |
|-----------------------|----------------|------------------|
| ➤ City | ➤ Restaurant | ➤ Post office |
| ➤ Parallel streets | ➤ School | ➤ Mall |
| ➤ Transversal streets | ➤ Park | ➤ Theatre |
| ➤ Gas station | ➤ College | ➤ Swimming pool |
| ➤ Library | ➤ Hospital | ➤ Police station |
| ➤ Grocery store | ➤ Fire station | ➤ Car dealership |
| | ➤ Church | |

You may use a computer or draw the city by hand. Your city must be drawn on either 8 ½ by 14-inch white unruled paper or white poster board. Your city drawing must be legible and neat. You will earn a better grade if you are creative with your images and names. Any cities that include sexual or inappropriate names will receive NO credit.

Group Members

_____ (2) City	_____ (2) Hospital
_____ (2) population	_____ (2) Fire station
_____ (8) Parallel streets	_____ (2) Church
_____ (6) Transversal streets	_____ (2) Post office
_____ (2) Gas station	_____ (2) Mall
_____ (2) Library	_____ (2) Theatre
_____ (2) Grocery store	_____ (2) Swimming pool
_____ (2) Restaurant	_____ (2) Police station
_____ (2) School	_____ (2) Car dealership
_____ (2) Park	
_____ (2) College	_____ (50) TOTAL NAMES

Other

_____ (10) Creativity	_____ (4) Poster board or unlined paper
_____ (8) Neatness/ legible	
_____ (4) Color	_____ (26) Total Other

Locations

_____ (3) A fire station and a mall located at alternate interior angles
_____ (3) A college and a grocery store located at alternate interior angles
_____ (3) A school and a park located at same side interior angles
_____ (3) A restaurant and a theatre located at same side interior angles
_____ (3) A library and a swimming pool located at vertical angles
_____ (3) A police station and hospital located at vertical angles
_____ (3) A church and a car dealership located at corresponding angles
_____ (3) A gas station and a post office located at corresponding angles
_____ (24) TOTAL locations

Grade: _____ (48) TOTAL Names
_____ (16) TOTAL Other
_____ (36) TOTAL Locations

TOTAL GRADE: _____