

# Parallel Lines, Transversals, and Angles



You will be designing a **city map** using the guidelines listed below. Your map must be drawn on **construction paper** or **poster board**. Use a ruler to make your streets straight. You can draw and color your buildings or you may print buildings. The buildings **MUST** be printed in color. You must name your buildings if the name is not already on the building if you printed it. You must name the streets.

## Guidelines:

- 1) There must be a title for your map.
- 2) Your city must have three streets that are **parallel** to each other and one street that intersects all three of the parallel streets. You must name all of these streets.
- 3) Your city has a hospital that is **alternate exterior** to the school that is in your city. Draw and name the hospital and the school.
- 4) The school and the drugstore are at **corresponding** locations. Draw and name the drugstore.
- 5) The drugstore and the pet shop are at **vertical** locations. Draw and name the pet shop.
- 6) The pet shop and the gas station are at **alternate interior** locations. Draw and name the gas station.
- 7) The hospital and the park are at **same side exterior** locations. Draw and name the park.
- 8) The gas station and the grocery store are at **same side interior locations**. Draw and name the grocery store.
- 9) The grocery store and the nail salon are at **vertical** locations. Draw and name the salon.
- 10) The nail salon and Target are at **corresponding** locations. Draw Target.
- 11) Target and a fast food restaurant are at **same side interior** locations. Draw and name the fast food restaurant.
- 12) Your city has a mall that is in a **corresponding location** to the bookstore that is in your city. Draw and name the mall and the bookstore. (If you did all of the others correctly, then the bookstore and the mall only have one place to be located)

