

Parallel Lines and Transversals Project

Directions:

You will be designing a city map using the guidelines listed below. You will be graded on content, creativity, and neatness.

Guidelines:

Your city must have (at least) four streets that are **parallel** to each other and two streets that intersect all of the other four streets. You must name each of these streets.

Draw and label each of the following locations:

hospital and school at **alternate exterior angles**

school and the drugstore are at **corresponding angles**

drugstore and the pet shop are at **vertical angles**

pet shop and the gas station are at **alternate interior angles**

hospital and the park are at **corresponding angles**

gas station and the grocery store are at **same side interior locations**

grocery store and the salon are at **vertical angles**

salon and wal-mart are at **corresponding angles**

Wal-mart and a convenience store are at **same side interior locations**

a mall and a bookstore at **corresponding angles**

two other things (your choice) at **corresponding angles**

Name your city.

Make a City Limit / Welcome Sign.

Color your map. Do not leave any part of the paper white.