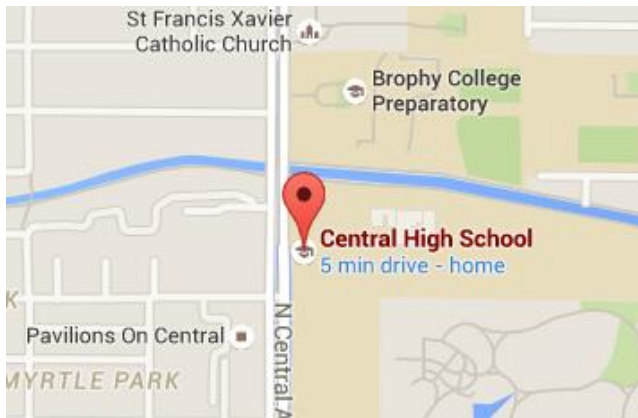


Undefined Terms



Point- An exact location or position.

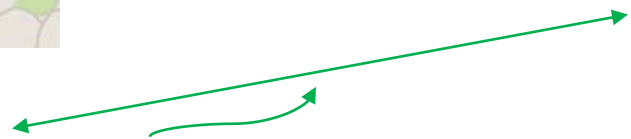


Real Life Uses of Points:

We use cross-streets to say where something is, i.e. Central Ave and Campbell Ave is the location of Central High School.

We can describe something as being somewhere relative to us, i.e. the fly is 2 feet to the left and 3 feet up.

Both of these are the exact locations of their objects, not the objects themselves.

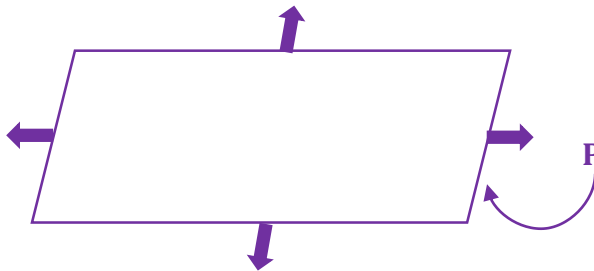
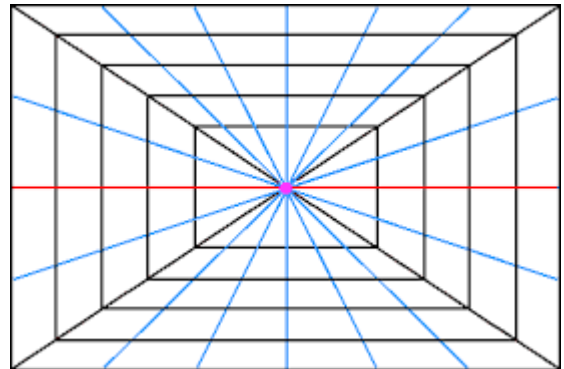


Real Life Uses of Lines:

We use lines for paths and roads. Not all are straight, but the straightest routes are the quickest to travel on.

In art, we can use perspective lines to make the illusion that a picture has depth. These lines can give the appearance that the image extends forever into the background.

Line- A straight object that has no thickness and extends forever in both directions.



Plane- A flat surface that extends forever in two-dimensions.

Real Life Uses of Planes:

Sports fields are flat surfaces; they may even go on forever if you also consider the out of the game zone as being part of the field. In football, you can even describe the position of a player by the nearest yard-line and which side of the field they're on.

The surfaces of many building are planes, although they don't continue on forever.

