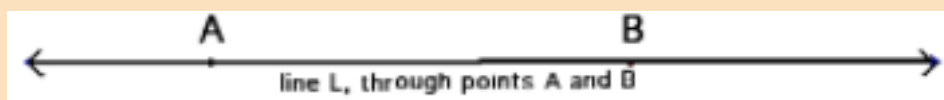


THE MATH BEHIND IT

PLANES

- The **point** has a position but no dimension
- The **line** is one dimensional
- The **plane** is two dimensional
- The **solid** is three-dimensional

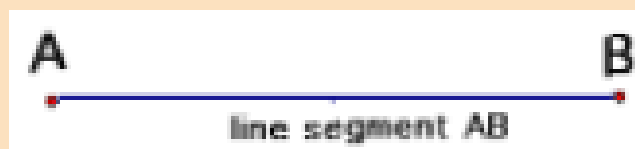
Lines: they go infinitely in both directions



Rays: they are half a line. They start at a given point and go off to infinity in one direction



Line segment: a small part of a line. They start at one point and end at another (A-B)



THE MATH BEHIND IT

POLYGONS

Polygons are two-dimensional shapes made of at least three straight lines and angles.

Examples:

1. triangles
2. rectangles
3. pentagons
4. pentagrams
5. hexagons
6. hexagrams.

