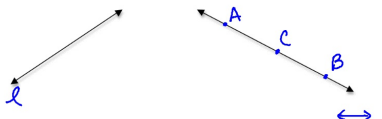


• • H  
Point: represented by a dot but has no size. Labeled using a capital letter

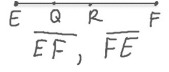
line: extend without end in 2 directions; Named by 2 capital letters with arrows above or using a cursive letter



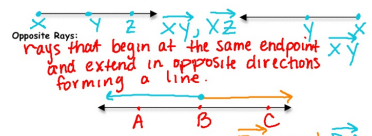
The line at the left is named  $l$  and the line at the right can be named  $AC$   
 $ABCB$   $CA$   $BA$   $BC$

Plane: has 2 dimensions and extends w/out end; Through any 3 points not all on the same line, there exists exactly one plane. Named by the specific 3 points or a capital letter.  
Plane M or Plane XYZ

Segment: consists of 2 endpoints and all the points in between



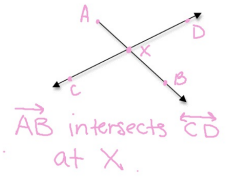
\* Must name the endpoint 1st.  
Ray: consists of one endpoint (initial point) and extends in one direction.



Collinear: points on the same line.  $BC$  and  $BA$

Coplanar: points, lines, segments, rays that are on the same plane.

Intersection of figures: Set of points the figures have in common.



Assignment:  
p. 5-6 (1-22, 25, 26)