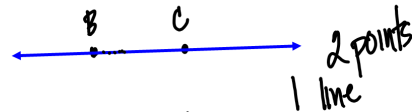
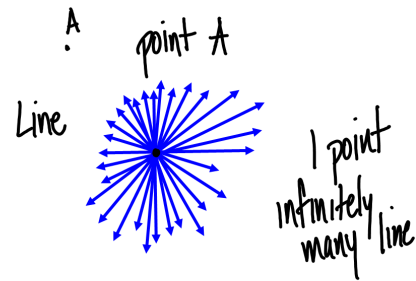


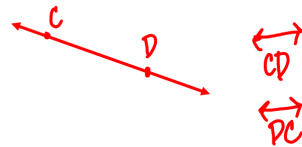
4.1

Point indicates a location



2 points determine a line

Line set of points that extends in opposite direction

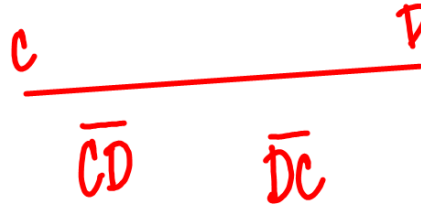
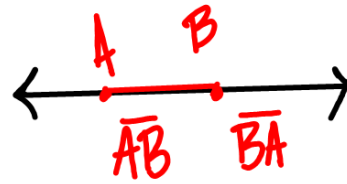


Plane set of points extending in all directions

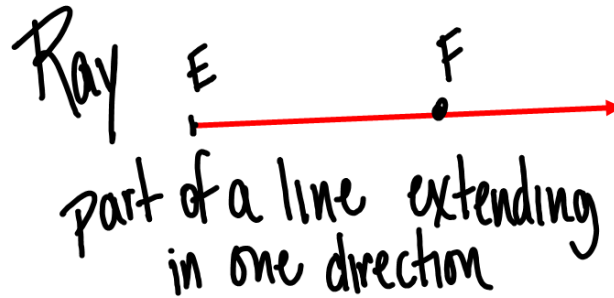
3 points determine a plane



Segment  
part of  
a line

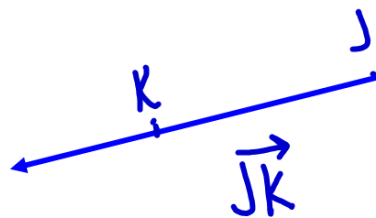


Named by the endpoints

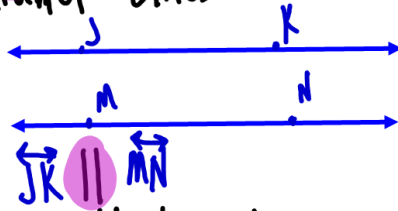


Named with endpoint first

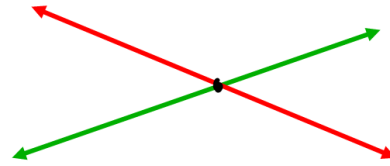
$\vec{EF}$



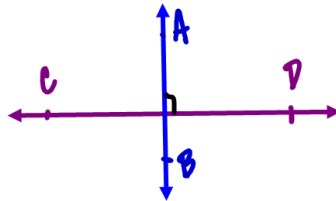
## Parallel Lines



Lines that will never intersect.



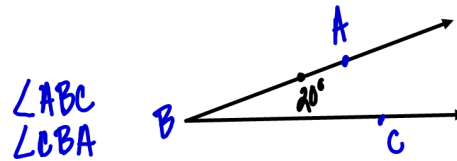
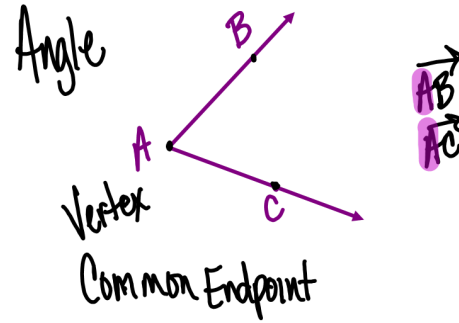
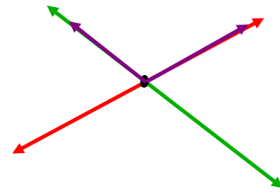
Intersecting Lines  
Intersect at a point



## Perpendicular Lines

Lines that intersect at a  
right angle or  $90^\circ$





Acute  $\angle$   $< 90^\circ$   
Obtuse  $\angle$   $> 90^\circ$

- ¶ 208
- 6-20E
- 21-31A
- 32-42E
- 45-56A