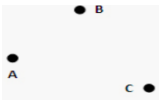
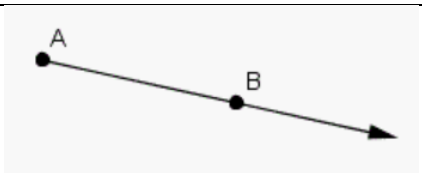
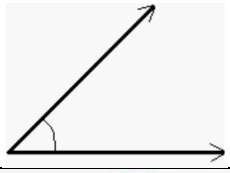
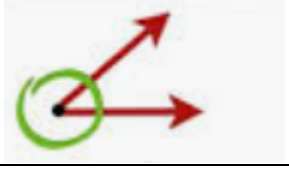
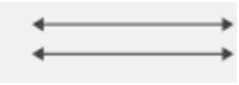
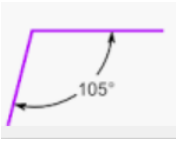
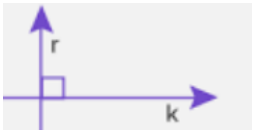
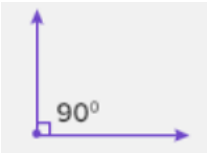
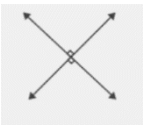
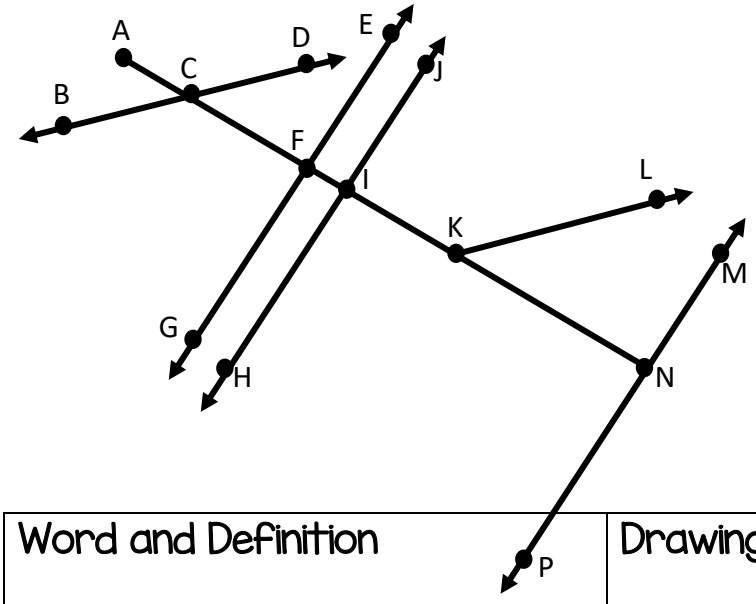
Lines, Line Segments, Rays, and Angles Notes

Word and Definition	Drawing
Point – A specific location in space.	
Line – A line goes on forever in 2 directions.	
Line segment – A part of a line that has 2 endpoints.	
Ray – A part of a line that goes on forever in 1 direction and has 1 endpoint.	
Angle – 2 rays that share the same endpoint.	
Vertex – The common endpoint of two or more rays or line segments.	

Types of Angles	Types of Lines
Acute angle – An angle that measures between 1 and 89 degrees. 	Parallel Lines - lines that will never intersect 
Obtuse angle – An angle that measures greater than 90 degrees, but less than 180 degrees. 	Perpendicular Lines - lines that intersect at a right angle 
Right angle – An angle that measures 90 degrees. 	Intersecting Lines - lines that cross 

Here is a geometrical picture:



Word and Definition	Drawing	What you write	What you say
Right angle An angle that measures exactly 90 degrees.			
Obtuse angle			

An angle that measures between 91 and 179 degrees.			
Straight angle An angle that measures exactly 180 degrees.			
Parallel lines Lines that run side by side but never touch.			
Perpendicular lines Lines that cross each other and form right angles.			
Intersecting lines Lines that cross each other but DO NOT form right angles.			