Points, Lines, and Rays Vocabulary

Word	Definition	Example
point	A point is an exact location. Usually represented as a dot.	• A Use a capital letter to name a point.
line	A line is a straight path that extends without an end in opposite directions.	X Y or XY YX
plane	A plane is a perfectly flat surface that extends infinitely in all directions.	plane QRS
ray	A ray is a part of a line, It has one endpoint and extends without end in one direction.	A B AB Name the endpoint first when naming a ray.
line segment	A line segment is a part of a line or ray that extends from one endpoint to the other.	L M Or LM ML
perpendicular	A line is perpendicular to another if it meets or crosses it at right angles (90°).	
intersecting	Intersecting lines cross at only one point.	C ← → D
parallel	Parallel lines extend in the same direction and the same distance in all points, but never meet.	L M X Y
congruent	Figures are congruent if they have the same shape and size. Line segments are congruent if they have the same length.	5