1.1 Points, Lines, and Planes

Definition	The "easy" definition	What does it look like?	How is it written?
A **point** has no Dimensions.		R	
A **line** extends in One dimension.	A straight path that runs indefinitely.		Line AB
A **plane** extends in Two dimensions.		A T H	
A **line segment** AB consists of endpoints A and B, and all the points on line AB that are between A and B.	Part of a line with 2 endpoints.		
A **ray** AB consists of the initial point A and all the points on the line AB that lie on opposite side of A as point B.			Ray AB

THINK ABOUT IT!

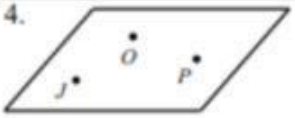
Is there a difference between lines $\overline{AB}$ and $\overline{BA}$?	**Is there** difference between $\overleftrightarrow{AB}$ and $\overleftrightarrow{BA}$?

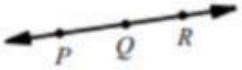
Example 1: Give all the names of the figures shown below.

1.

2.

3.

4. 

5. 

6.

LIVEWORKSHEETS