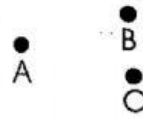


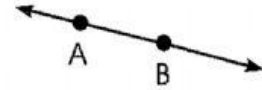
### Identifying Lines and Parts of Lines

### Points, Lines, and Angles

A **point** is a position in a plane or in space that has no dimensions. These points are named, or written, points A, B, and C, or point A, point B, and point C.



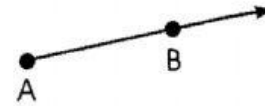
A **line** is a set of points in a straight path that extends infinitely in both directions. This line is named  $\overleftrightarrow{AB}$  or  $\overleftrightarrow{BA}$ . Any two points on a line may be used to name it.



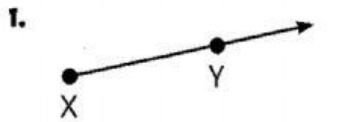
A **line segment** is a finite portion of a line that has two endpoints. This line segment is named  $\overline{AB}$  or  $\overline{BA}$ . A segment must be named by its two endpoints.



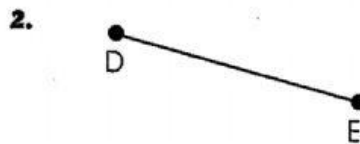
A **ray** is a portion of a line that extends from one endpoint infinitely in one direction. This ray is named  $\overrightarrow{AB}$ . The endpoint of a ray is written first, and any point on the ray may be used next.



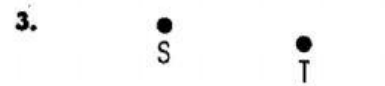
Name each point, line, line segment, or ray.



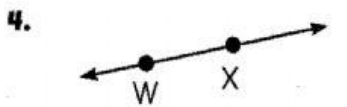
\_\_\_\_\_



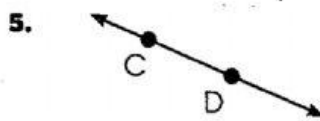
\_\_\_\_\_



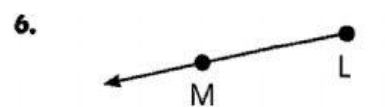
\_\_\_\_\_



\_\_\_\_\_



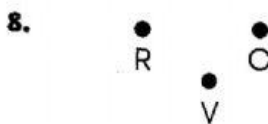
\_\_\_\_\_



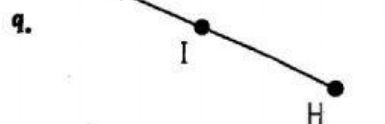
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_