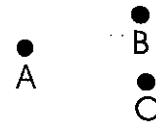


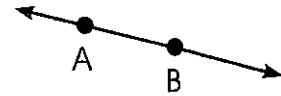
Identifying Lines and Parts of Lines

Points, Lines, and Angles

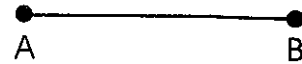
A **point** is a position in a plane or in space that has no dimensions. These points are named, or written, points A, B, and C, or point A, point B, and point C.



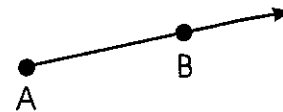
A **line** is a set of points in a straight path that extends infinitely in both directions. This line is named \overleftrightarrow{AB} or \overleftrightarrow{BA} . Any two points on a line may be used to name it.



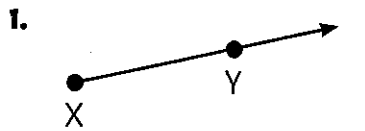
A **line segment** is a finite portion of a line that has two endpoints. This line segment is named \overline{AB} or \overline{BA} . A segment must be named by its two endpoints.

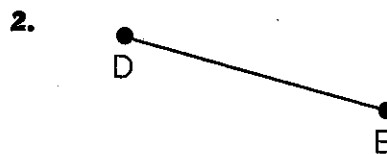


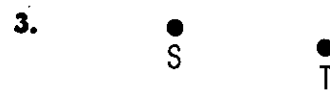
A **ray** is a portion of a line that extends from one endpoint infinitely in one direction. This ray is named \overrightarrow{AB} . The endpoint of a ray is written first, and any point on the ray may be used next.



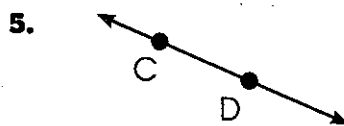
Name each point, line, line segment, or ray.

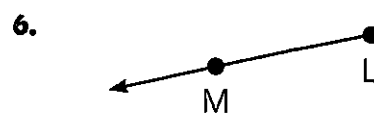


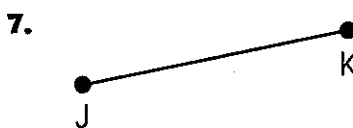


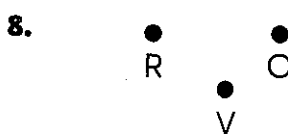


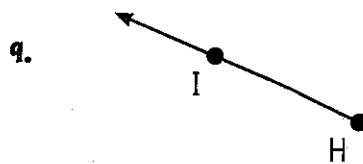












Name: _____

Date: _____

Drawing Lines and Parts of Lines

Points, Lines, and Angles

Draw and label each of the following.

1. \overleftrightarrow{AB}

2. points C and D

3. \overline{RS}

4. points L, M, and N

5. \overrightarrow{MN}

6. \overleftrightarrow{JK}

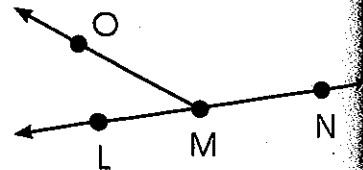
Use the figure to the right to answer each question.

7. Name four points. _____

8. Name two line segments. _____

9. Name three rays. _____

10. Name the line three ways. _____



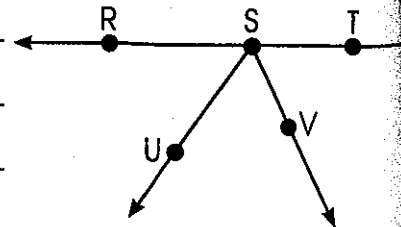
Use the figure to the right to answer each question.

11. Name five points. _____

12. Name two line segments. _____

13. Name four rays. _____

14. Name the line three ways. _____



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