

Name: \_\_\_\_\_

## Points, Line Segments, Lines, and Rays

**Point**

A point is a position. It is named with a capital letter. This is point  $P$ .

**Line Segment**

A line segment is a straight path between 2 points. The line segment  $AB$  or  $BA$ . It is written  $\overline{AB}$  or  $\overline{BA}$ .

**Line**

A line is a straight path that goes on forever in both directions. This is line  $L$  or  $R$ . It is written  $\ell$  or  $R$ .

**Ray**

A ray is a straight path that goes on forever in one direction. This is ray  $PC$ . It is written  $\overrightarrow{PC}$ .

Write if each is a point, line segment, line, or ray and its name.

Example:



1.



2.



Line  $PT$  or  $RT$      $\overline{TR}$  or  $\overleftrightarrow{TR}$



4.



5.



7.



8.

