## Points Lines and Planes Assignment

Use the figure to name each of the following.

1.



2.



3.



Draw and label figure for each relationship.

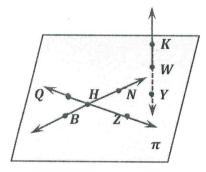
- 4. Ray  $\overrightarrow{TR}$  and ray  $\overrightarrow{TE}$
- 5. Line  $\overrightarrow{DR}$

**6.** Line segment  $\overline{SU}$ 

- 7. Draw two points, G and P. Then sketch  $\overrightarrow{GP}$ . Add a point T on the ray so that T is between G and P.
- 8. Line  $\overrightarrow{RL}$  lies in plane  $\pi$  and contains point E, but does not contain point S
- 9. Line segment  $\overline{SG}$  lies in plane  $\pi$ , and his end points are initial points of the ray  $\overline{ST}$  and the ray  $\overline{GO}$

Refer to each figure.

10.



Name three line segments.

Name the intersection of plane  $\pi$  and line  $\overleftrightarrow{KY}$ .

Name the two opposite rays at point H.

Name the intersection of line  $\overrightarrow{BN}$  and line  $\overrightarrow{QZ}$