**Draw and label each of the following.**

1. a segment with endpoints $X$ and $Y$
2. a ray with endpoint $M$ that passes through $P$
3. three coplanar lines intersecting at a point

**Use the figure to name each of the following.**

5. three coplanar points
6. two lines
7. a plane containing $T$, $V$, and $X$
8. a line containing $V$ and $Z$
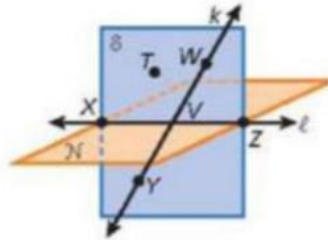


12. The diagram represents a straight highway with three towns, Henri, Joaquin, and Kenard. Find the distance from Henri $H$ to Joaquin $J$.
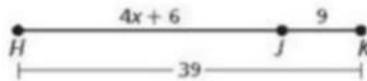


14. $Q$ is the midpoint of $\overline{PR}$, $PQ = 2z$, and $PR = 8z - 12$. Find $z$, $PQ$, and $PR$.