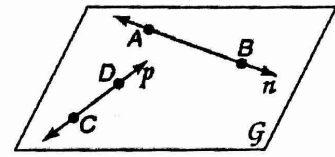


**1-1**

**Skills Practice**  
**Points, Lines, and Planes**

Refer to the figure.



1. Name a line that contains point  $D$ .

line  $p$  or  $\overleftrightarrow{CD}$

2. Name a point contained in line  $n$ .

$A$  or  $B$

3. What is another name for line  $p$ ?

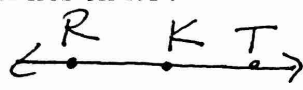
$\overleftrightarrow{CD}$  or  $\overleftrightarrow{DC}$

4. Name the plane containing lines  $n$  and  $p$ .

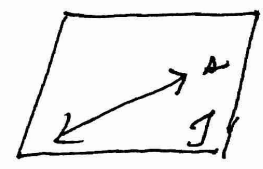
Plane  $\pi$

Draw and label a figure for each relationship.

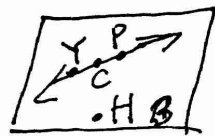
5. Point  $K$  lies on  $\overline{RT}$ .



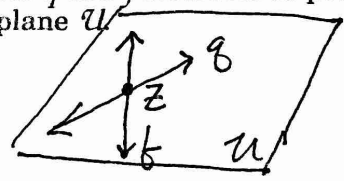
6. Plane  $J$  contains line  $s$ .



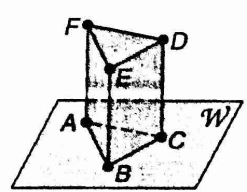
7.  $\overline{YP}$  lies in plane  $B$  and contains point  $C$ , but does not contain point  $H$ .



8. Lines  $q$  and  $f$  intersect at point  $Z$  in plane  $U$ .



Refer to the figure.



9. How many planes are shown in the figure? 5

10. How many of the planes contain points  $F$  and  $E$ ? 2

$FEB \neq FED$

11. Name four points that are coplanar.

$B, C, D, \& E$

12. Are points  $A, B$ , and  $C$  coplanar? Explain.

Yes, because 3 noncollinear points are ALWAYS going to be coplanar!