Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_

**Practice Unit 1.1 W-1 Points, Lines, and Planes**

**Refer to the diagram at the right for Exercises 1–15.**

1. Name  in another way.
2. Give two other names for plane *Q.*
3. Why is *EBD* not an acceptable name for plane *Q*?

**Are the following sets of points collinear?**

**4.**  and *C* **5.** *B* and *F*

**6.**  and *A*

**Are the following sets of points coplanar?**

**7.** *E,* *B,* and *F*

**8.**  and  **9.**  and 

**10.** *F,* *A,* *B,* and *C*

**Find the intersection of the following lines and planes in the figure at the right, If they do not intersect, state they do not intersect.**

**11.**  and 

**12.** planes *GLM* and *LPN*

**13.** planes *HJN* and *GKL*

**14.**  and plane *KJN*

**Refer to the diagram at the right.**



**15.** Name plane *Q* in another way.

**16.** What is the intersection of planes *P* and *Q*?

**17.** Are *A* and *C* collinear?

**18.** Are *D,* *A,* *B,* and *C* coplanar?

**19.** Are  and plane *Q* coplanar?