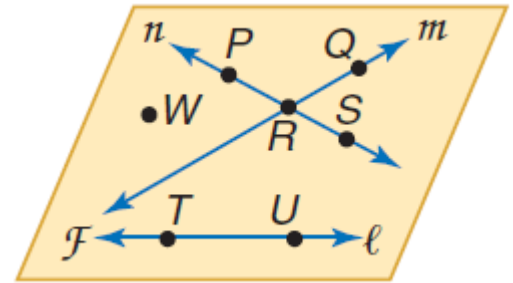


## 1.1 Points, Lines, and Planes

Name \_\_\_\_\_

Date \_\_\_\_\_ Hour \_\_\_\_\_

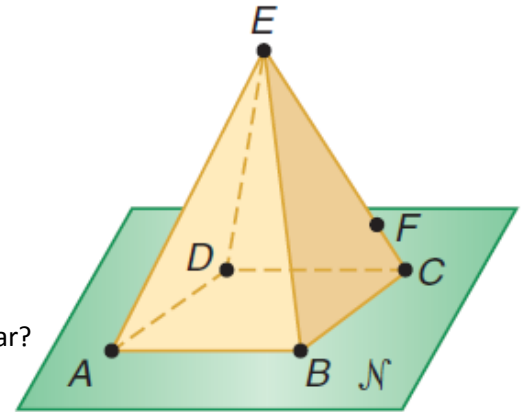
- 1) Name a line that contains point P.
- 2) Name the plane containing lines  $n$  and  $m$ .
- 3) Name the intersection of line  $n$  and  $m$ .



Name the geometric term(s) modeled by each object.

- 4) a tablecloth
- 5) woven threads in a piece of cloth
- 6) a knot in a string

- 7) How many planes contain points B, C, and E?
- 8) Name 3 collinear points.
- 9) Where could you add point G on plane  $N$  so A, B, and G would be collinear?



- 10) What city is located at (D, 4)?

	1	2	3	4	5	6
A						
B						
C						
D						
E						
F						

- 11) Four lines are coplanar. What is the greatest number of intersection points that can exist? Make a sketch.

- A) 4
- B) 5
- C) 6
- D) 7

- 12) Research two-point perspective drawings online or with an art student. Make a picture using that perspective on the back of this worksheet. Keep it fairly simple.