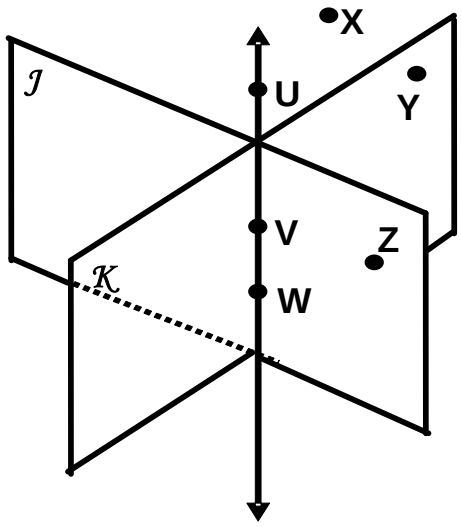
NAME_____DATE_____PER._____

POINTS, LINES, & PLANES

Name one of each of the following from the picture at the right.

4 POINTS EACH

1. point: _____
2. line: _____
3. line segment: _____
4. ray: _____
5. a pair of opposite rays: _____
6. plane: _____



State whether each best models a *point, line*, *line segment*, *ray*, or *plane*.

4 POINTS EACH

7. a taut piece of thread: _____
8. a knot in a piece of thread: _____
9. a piece of cloth: _____
10. the walls in your classroom: _____
11. the light from a lazer pointer: _____
12. your desktop: _____
13. each color dot, or pixel, on a video-game screen: _____
14. a telecommunications beam to a satellite in space:_____
15. the crease in a folded sheet of wrapping paper: _____

NAME_____DATE_____PER._____

MORE POINTS, LINES, & PLANES

Refer to the figure at right to name each of the following.

6 POINTS EACH

16. a line containing point A:_____

17. a line passing through B:_____

18. two points collinear with point D:_____

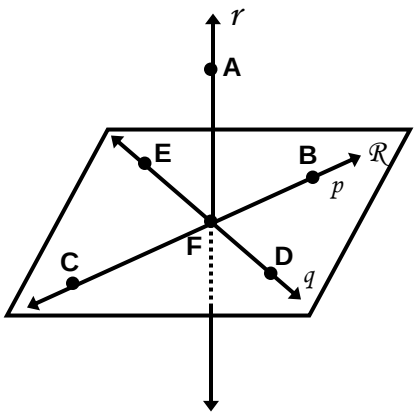
19. two points coplanar with point B:_____

20. a plane containing points B, C, and E:

_____

21. the intersection of lines p and q:

_____



Refer to the figure below to answer each question. The figure is a rectangular prism formed by six planes. Only a portion of each plane is shown.

22. Name the two planes:

_____

23. Name three points that are coplanar with points B and D:_____

24. Name the lines that intersect at B:_____

_____

25. Which two planes intersect in $\overleftrightarrow{CE}$?

_____

26. Name two points collinear with E:

_____

27. Name a plane and a line that intersect at B:

_____

28. Are A, B, C, and F coplanar? Why or why not?

_____