Ν	Α	M	E

DATE

PER.

1.1 POINTS, LINES, & PLANES

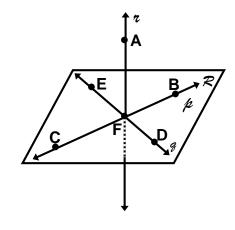
State whether each best models a point, line, or plane.

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

10.a	a line co	ntaini	ng po	oint <i>i</i>	A:		

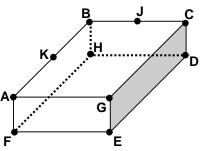
- 11.a line passing through B:_____
- 12.two points collinear with point D:_____
- 13.two points coplanar with point B:_____
- 14.a plane containing points B, C, and E:

15.a plane containing lines $\not \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! $	



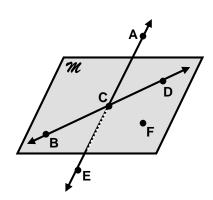
Refer to the figure below to answer each question. The figure is a rectangular prism formed by six planes. Only a portion of each plane is shown.

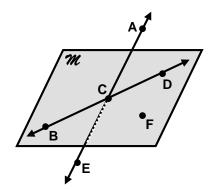
<u> </u>
16. Name the highlighted plane in the rectangular
prism:
17. Name two points that are coplanar with points B, H,
and K:
18. Name two lines that intersect at E:
19. Which two planes intersect in \overrightarrow{CD} ?
20. Name two lines that lie in plane GEC:
21. Name a plane and a line that intersect at A:
22. Which point(s) do planes ABC, CDE, and AGE have in
common?
Using the figure at right, determine if each set of points is



ollinear.

23. A, D, E	Y or N	
24. B, C, D	Y or N	
25. B, C, F	Y or N	
26. A, E, C	Y or N	
27. F, B, D	Y or N	





Using the figure above, answer each of the following.

28. Name plane m another way:
29. What is the intersection of plane \mathcal{M} and \overrightarrow{AE} ?
30. What is the intersection of \overrightarrow{AE} and \overrightarrow{BD} ? Explain:
31. Name a pair of opposite rays:
32. Name all segments <i>shown</i> with endpoint C
33. Are F and A collinear? Why or why not?
34. How many planes contain B, C, & D? Explain:
35. How many planes contain C, D, & F? Explain:

Using the figure at the right, answer each of the following questions.	
36. What is the intersection of plane QRST and plane RSWV? Explain:	w w
37. What is the intersection of \overrightarrow{UV} and plane QTXU? Explain:	Q R
38. Name three lines that intersect at point S	
39. Name two planes that intersect at \overrightarrow{TS} .	
40. Are Q, U, and V coplanar? Why or why not?	
41. Do T and R determine a line? Why or why not?	
42. Name all segments shown that contain T.	