

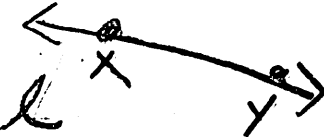
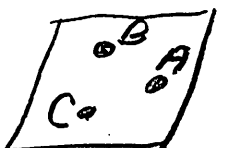
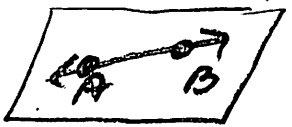
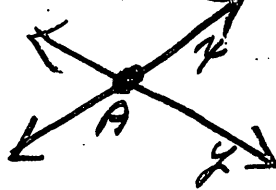
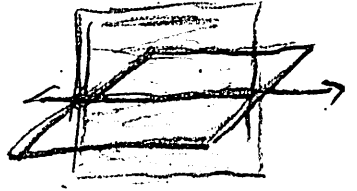
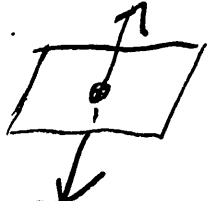
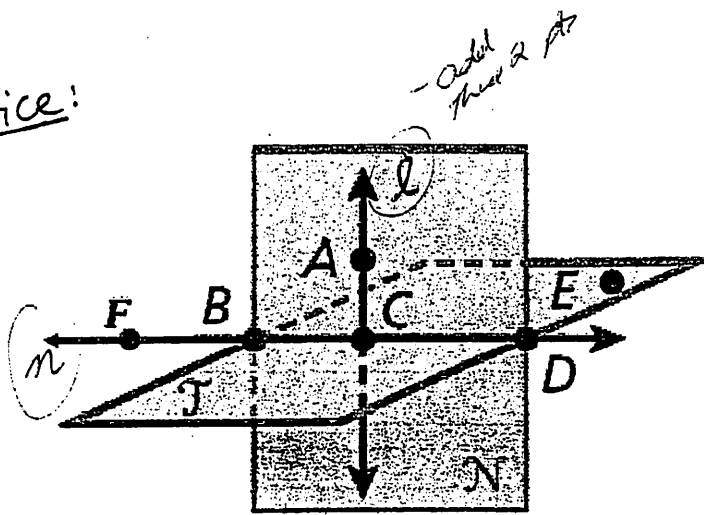


Obj: _____

POSTULATE = A STATEMENT ACCEPTED TO BE TRUE WITHOUT PROOF.

Name	Explanation	Diagram
Postulate 2.1	through any 2 pts. there is... EXACTLY ONE LINE	
2.2	through any 3 noncollinear pts. there is... EXACTLY 1 PLANE	
2.3	A line contains..... AT LEAST 2 POINTS	
2.4	A plane contains..... AT LEAST 3 NON COLLINEAR POINTS	
2.5	if 2 pts. lie in a plane then the line containing them... LIES IN PLANE	
2.6	if 2 lines intersect then... they intersect IN A POINT	
2.7	if 2 planes intersect then... they intersect IN A LINE	
Fisher's Postulate	the intersection of a plane & a line not on the plane is... a POINT	

Practice:



- 1) Name the intersection of plane J and l . C - a point
- 2) Name the intersection of l with \overrightarrow{BD} . C - a point
- 3) How many lines contain B and D? 1 line
- 4) Name the intersection of plane J and plane N . \overleftrightarrow{BD} - a line
- 5) Name the plane(s) that contain points A, C, and D. N only - 3 noncollinear pts
- 6) Name the plane(s) that contain points B, C, and D. N and J - 3 collinear pts
- 7) How many planes contain points A, C, and E? only 1 - 3 noncollinear pts
- 8) How many lines contain points A and E? only 1
- 9) Name the plane(s) that contain(s) l . N (post 14-3)
- 10) Name the plane(s) that contain(s) \overrightarrow{BC} . N and J