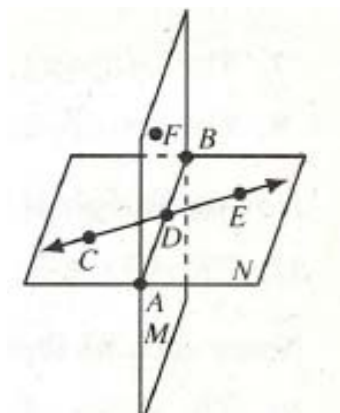


True or False?

1. \overleftrightarrow{AB} is in plane M . _____
2. Plane M contains \overleftrightarrow{CD} . _____
3. F is in plane N . _____
4. B is in plane M . _____
5. Plane N contains $C, D, E,$ and F . _____
6. $A, D,$ and F are coplanar. _____



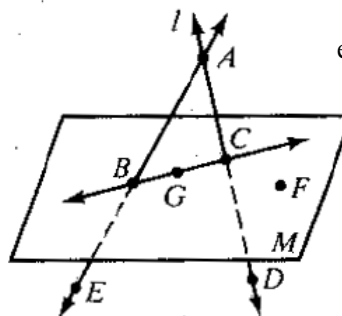
ex. 1-8

Complete the following:

7. \overleftrightarrow{AB} and \overleftrightarrow{CE} intersect at _____.
8. Planes M and N intersect at _____.

9. Give 3 other names for line l . _____

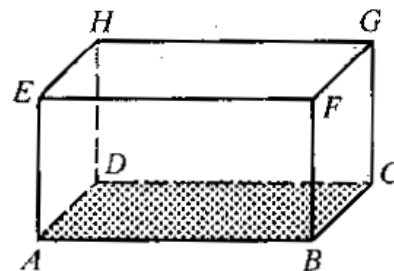
10. Line \overleftrightarrow{AE} intersects plane M at _____.
11. Points $A, C,$ and _____ are collinear.
12. Name 3 noncollinear points that lie in plane M . _____



ex. 9-12

The shaded surface of the box could be called plane $ABCD$.

13. Name 3 lines that intersect at E . _____
14. Name 2 planes whose intersection is \overleftrightarrow{FB} . _____
15. Planes $EFGH, BCGF,$ and $HGCD$ intersect at _____.
16. Points $E, H, D,$ and _____ are coplanar.
17. Name the intersection of planes $ABCD$ and $HEAD$. _____
18. Plane $ABCD$ and _____ do not intersect.



ex. 13-18

Sketch and label the figures described. Use dashes for parts hidden from view.

19. Line \overleftrightarrow{AB} intersects horizontal plane X at point C .
20. Horizontal plane R contains line k and m that intersect at point T .