

Points, Lines and Planes

Name _____

Use the figure to name each of the following:

1. Name a line that contains point A _____

2. What is another name for line m ? _____

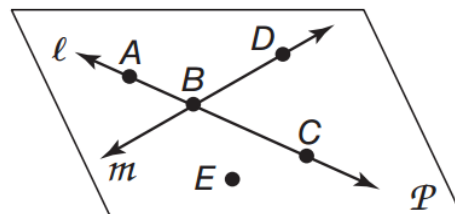
3. Name a point not on \overleftrightarrow{AC} . _____

4. What is another name for line l ? _____

5. Name a point not on line l or line m . _____

6. What is another name for \overleftrightarrow{CB} ? _____

7. Are \overleftrightarrow{CB} and \overleftrightarrow{BC} the same? Explain. _____



Draw and label a figure for each relationship.

8. \overleftrightarrow{AB} is in plane Q .

9. \overleftrightarrow{ST} intersects \overleftrightarrow{AB} at P .

10. Point X is collinear with points A and P .

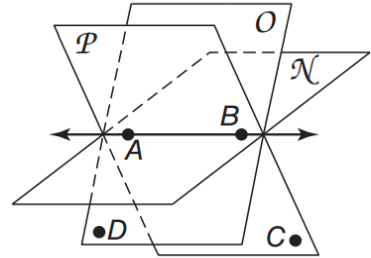
11. Point Y is not collinear with points T and P .

12. Line l contains points X and Y .

Refer to the figure.

13. Name the intersection of the planes O and N .

14. Does \overleftrightarrow{AB} intersect point D ? Explain.

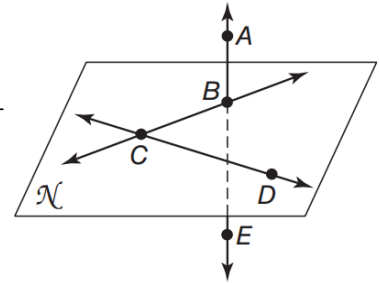


Refer to the figure.

15. Name the intersection of plane N and \overleftrightarrow{AE} . _____

16. Name the intersection of \overleftrightarrow{BC} and \overleftrightarrow{DC} . _____

17. Does \overleftrightarrow{DC} intersect \overleftrightarrow{BC} . Explain. _____



Refer to the figure.

18. Name the three line segments that intersect at point A .

19. Name the line of intersection of planes GAB and FEH .

20. Do planes GFE and HBC intersect? Explain.

