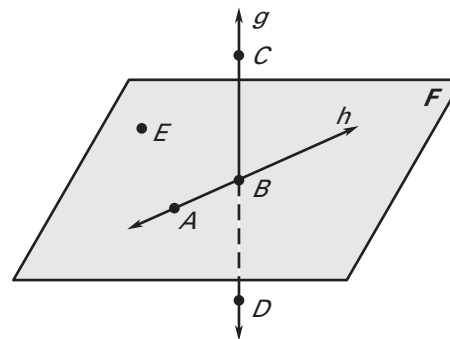


LESSON
1.1**Practice A***For use with pages 2–8***In Exercises 1–8, use the diagram.**

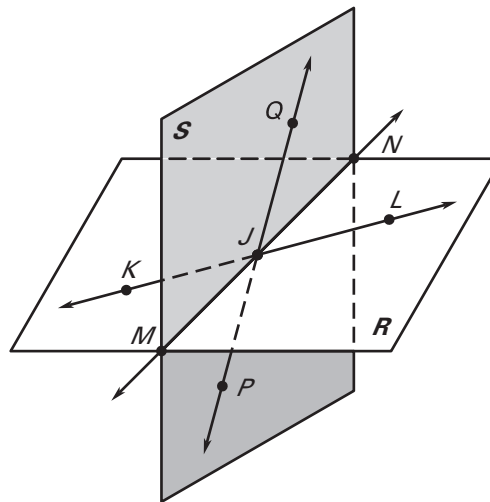
1. Give two other names for \overleftrightarrow{AB} .
2. Name three points that are collinear.
3. Give another name for plane F .
4. Name a point that is not coplanar with A , B , and C .
5. Give another name for \overleftrightarrow{CD} .
6. Name three rays with endpoint B .
7. Name a pair of opposite rays.
8. Give another name for \overleftrightarrow{CD} .

**Sketch the figure described.**

9. Three points that are collinear
10. Four points that are coplanar
11. Three lines that intersect at one point
12. A line and a plane that intersect at one point

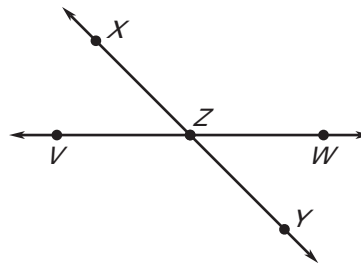
In Exercises 13–20, use the diagram.

13. Are points J , K , and L collinear?
14. Are points J , K , and L coplanar?
15. Are points J , K , and M collinear?
16. Are points J , K , and M coplanar?
17. Name the intersection of \overleftrightarrow{KL} and \overleftrightarrow{PQ} .
18. Name the intersection of \overleftrightarrow{PQ} and plane KMN .
19. Name the intersection of plane R and plane S .
20. Name three pairs of opposite rays.



LESSON
1.1**Practice A** *continued*
For use with pages 2–8**In Exercises 21–23, use the diagram.**

21. Name 12 different rays.
22. Name 2 pairs of opposite rays.
23. Name 2 lines that intersect at point Z .

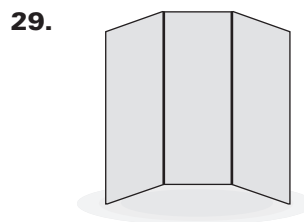
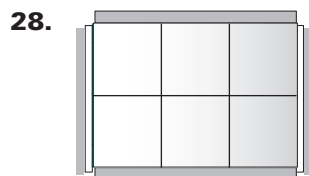


24. Draw three noncollinear points A , B , and C . Sketch \overleftrightarrow{AB} . Then add a point D and sketch \overleftrightarrow{CD} so that \overleftrightarrow{CD} intersects \overleftrightarrow{AB} at point B .

You are given an equation of a line and a point. Use substitution to determine whether the point is on the line.

25. $y = x + 4$; $A(3, 7)$ 26. $y = x - 5$; $A(1, 6)$ 27. $y = -x - 2$; $A(-8, -10)$

What kind of geometric intersection does the picture suggest?



31. **Table** A four-legged table is placed on a flat surface. The table rocks from side to side. *Explain* why this might occur.

