

Name: _____

Name the postulate illustrated by each statement.

1. Points J and K lie on exactly one line.
2. Planes A and B intersect in line m.

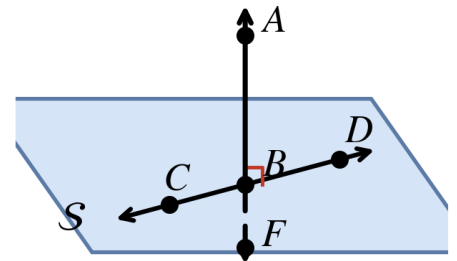
Answer each question.

3. At least how many points does a line contain? A plane?

Sketch each diagram.

4. A line m that intersects plane Q in exactly one point.

5. Two planes that intersect in line t.



Use the diagram to determine whether each statement is valid.

6. Points A, B, and F are collinear.
7. Line CD lies in plane S.
8. Point A lies in plane S.

True or false? Explain.

9. Through any three points there is exactly one plane.
10. If two lines intersect, their intersection can be two points.