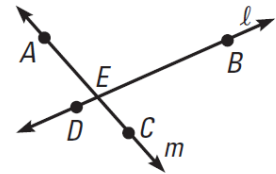


1.2 Points, Lines & Planes Homework

Name: _____

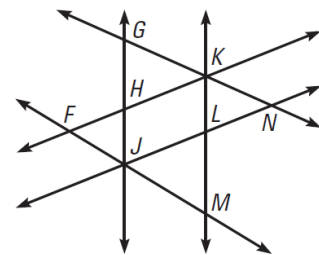
Using the figure to the right, decide whether the statement is true or false.

- 1. Point C lies on line m .
- 2. D, E, and B are collinear.
- 3. Point D lies on line m .
- 4. D, E, and B are coplanar.

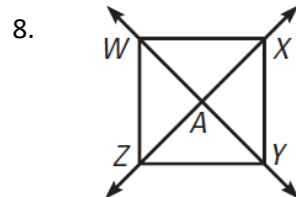
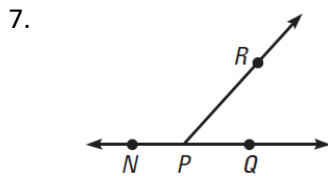


Using the figure to the right, name a point that is collinear with the given points.

- 5. J and N
- 6. H and G

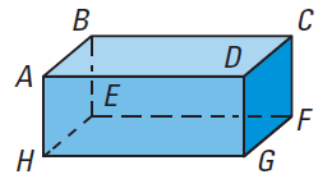


Name 3 points in the diagram that are not collinear.



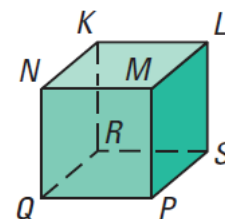
Using the figure to the right, name a point that is coplanar with the given points.

- 9. B, C and F
- 10. B, C and G



Using the figure to the right, name all the points that are not coplanar with the given points.

- 11. S, P and M
- 12. R, S and L



Fill in each blank with the appropriate response based on the points labeled in the photograph (to the right).

- 13. \overleftrightarrow{AB} and \overleftrightarrow{BC} intersect at _____.
- 14. \overleftrightarrow{HG} and \overleftrightarrow{DH} intersect at _____.
- 15. Plane GHD and plane DHE intersect at _____.

