

Points, Lines, and Planes

A) Does each given set of points represent a plane? Check the appropriate box.

1) • W • Y

 • Z

Yes No

2) • K

Yes No

3) • B

 • A

Yes No

4) • P • Q • R

 • S • T

Yes No

B) Write true or false.

1) If two points lie on a plane, then the line joining them also lies on the same plane.

2) A plane contains at least two non-collinear points.

3) The intersection of two planes is a point.

4) If two lines intersect, then both the lines lie on the same plane.
