Points, Lines, and Planes

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

1)

• P   • Q   • R   • S

2)

X   Y
•   •

  • Z

☐ Yes   ☐ No

☐ Yes   ☐ No

3)

B)

1)

2) If two lines intersect, then their intersection is exactly one point.

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3) If two points lie on a plane, then the line joining them lies on a different plane.

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4) The intersection of two planes is a line.

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