Points, Lines, and Planes

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

1)

R •

Q •

P •

2)

L
•

K •

☐ Yes   ☐ No

☐ Yes   ☐ No

3)

B)

1)

2) If two lines intersect, then both the lines lie on different planes.

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3) A plane contains at least three non-collinear points.

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4) Through any two points, there exist exactly two lines.

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