

Name : _____

Points and Planes

Sheet 2

A) Does the given set of points determine a plane? Circle yes or no.

1)

•P •Q •R •S

Yes No

2)

X Y
• •
Z
•

Yes No

3)

E
•
A B C D
• • • •

Yes

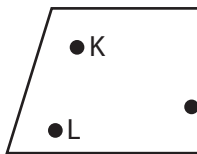
4)

•M

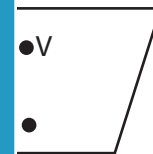
No

B) Choose whether the points are coplanar or not coplanar.

1)

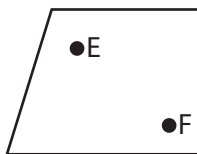


- a) Coplanar
- b) Not coplanar

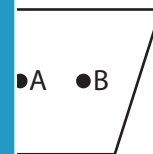


- a) Coplanar
- b) Not coplanar

3)



- a) Not coplanar
- b) Coplanar



- a) Not coplanar
- b) Coplanar

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C) Draw and label each of the following.

1) Point R which is not coplanar to points P and Q in plane \mathcal{M}

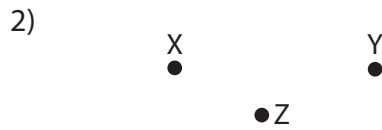
2) Coplanar lines t and r in plane \mathcal{B}

Points and Planes

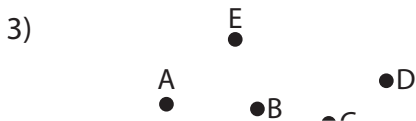
A) Does the given set of points determine a plane? Circle yes or no.



Yes **No**



Yes No

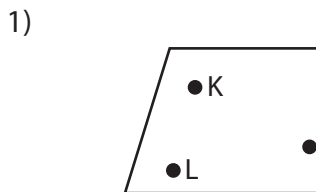


Yes

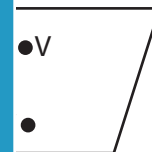


No

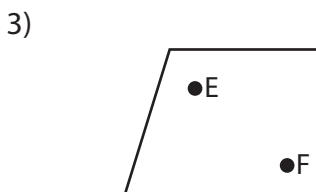
B) Choose whether the points are coplanar or not coplanar.



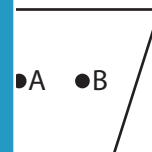
- a) Coplanar
- b) Not coplanar



- a) Coplanar
- b) Not coplanar



- a) Not coplanar
- b) Coplanar



- a) Not coplanar
- b) Coplanar

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2) Coplanar lines t and r in plane \mathcal{B}

