

Name : \_\_\_\_\_

## Points and Planes

Sheet 1

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

1)

A

B

C

Yes

No

2)

R

Q

P

Yes

No

3)

M

L

Yes

4)

H

E

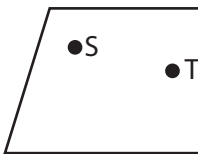
F

G

No

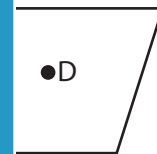
B) Choose whether the points are coplanar or not.

1)



- a) Not coplanar
- b) Coplanar

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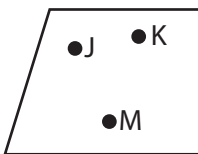
- a) Coplanar
- b) Not coplanar

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3)



- a) Coplanar
- b) Not coplanar



- a) Coplanar
- b) NOT coplanar


C) Draw and label each of the following.


1) Three coplanar points D, E and F in plane  $\mathcal{R}$


2) Points W, X, Y and Z are collinear in plane  $\mathcal{A}$


**Points and Planes**

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

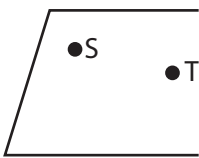
1)    
 Yes  No

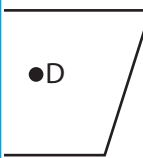
2)    
 Yes  No

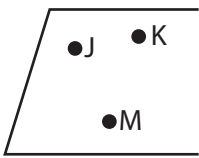
3)    
 Yes  No


4)    
 Yes  No

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

1)    
 a) Not coplanar   
 b) Coplanar

   
 coplanar   
 not coplanar

3)    
 a) Coplanar   
 b) Not coplanar

   
 coplanar   
 not coplanar

**PREVIEW**

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