

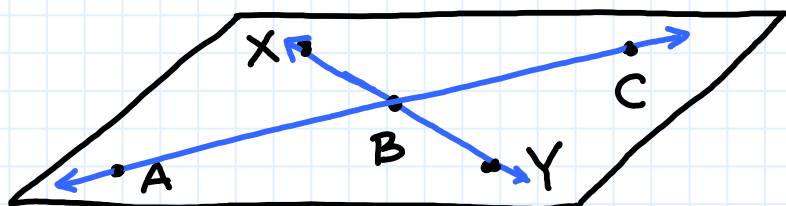
Points, Lines and Planes

Overview of problems



Example Set: A

Determine if the statement is true or false



A, B, C are collinear?

Y, C are coplanar?

C, B, X are collinear?

X, A are coplanar?

The plane has 4 edges?

A line can only be in one plane?



Example Set: B

Match the figures to the definitions

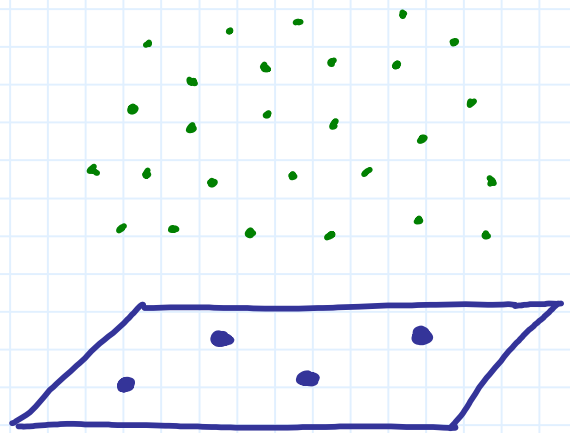
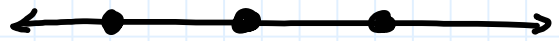
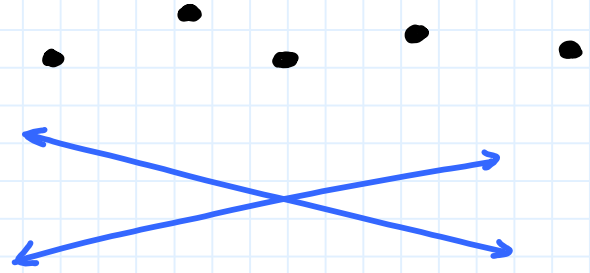
Space

Collinear

Coplanar

Noncollinear

Intersection





Example Set: C

Write using the proper notation and symbols

A line that passes through points C, D.

The point F

Plane Y

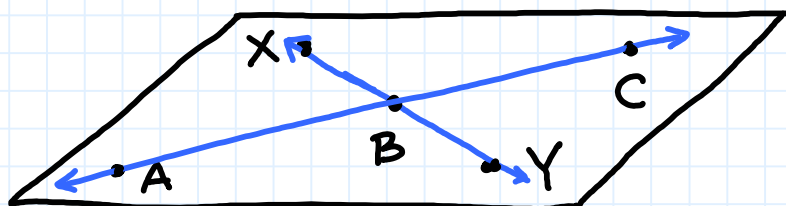
The intersection (at point O) of lines
m and l

Overview of problems- KEY



Example Set: A

Determine if the statement is true or false



A, B, C are collinear? T

Y, C are coplanar? T

C, B, X are collinear? F

X, A are coplanar? T

The plane has 4 edges? F

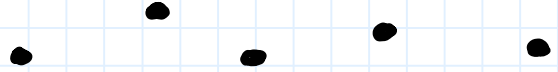
A line can only be in one plane? F



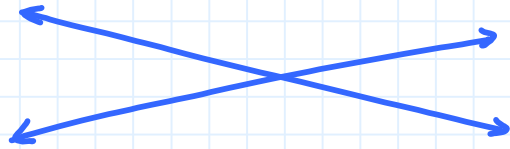
Example Set: B

Match the figures to the definitions

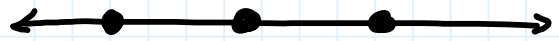
Noncollinear



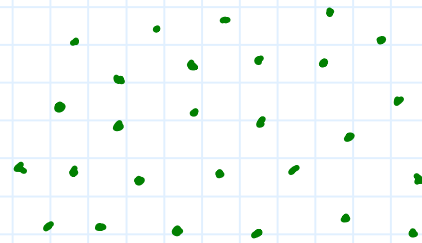
Intersection



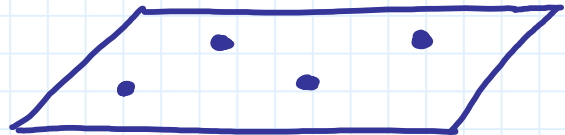
Collinear



Space



Coplanar





Example Set: C

Write using the proper notation and symbols

A line that passes through points C, D.



The point F



Plane Y



The intersection (at point O) of lines m and l

