

8-16-19 6th Geo

Point \cdot \bullet
gives a location

Line \longleftrightarrow
keeps going in both directions forever.

line segment $\overline{\hspace{2cm}}$
has a starting and stopping point

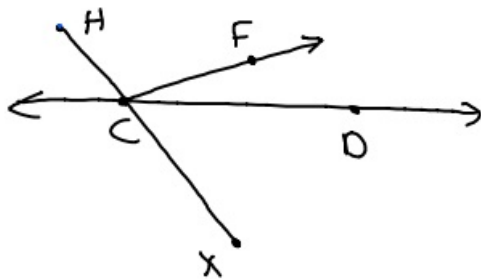
Ray $\overrightarrow{\hspace{2cm}}$
starting and goes on forever

Notation

line \longleftrightarrow \overleftrightarrow{AB} or \overleftrightarrow{BA}

line segment \overline{XY} or \overline{YX}

Ray \overrightarrow{DH} or ~~\overrightarrow{HD}~~



Give notation of all that you see.

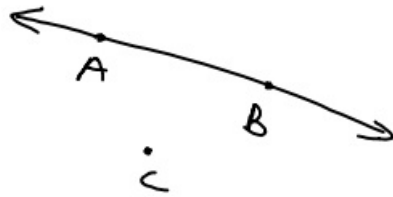
\overleftrightarrow{CD} \overleftrightarrow{CF} \overline{HC} \overline{HX} \overline{CX} \overline{CF} \overline{CD}



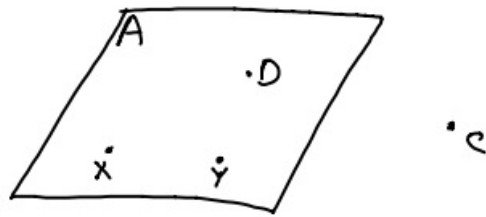
Notation is

$$AX = 8\text{ cm}$$

Collinear - points on the same line



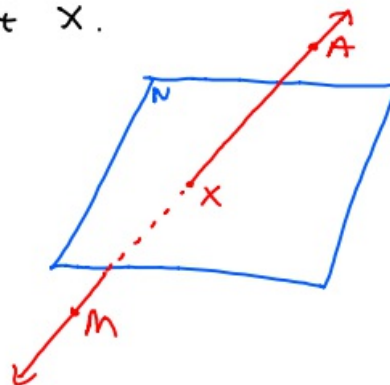
Planes - A flat surface that extends in all directions



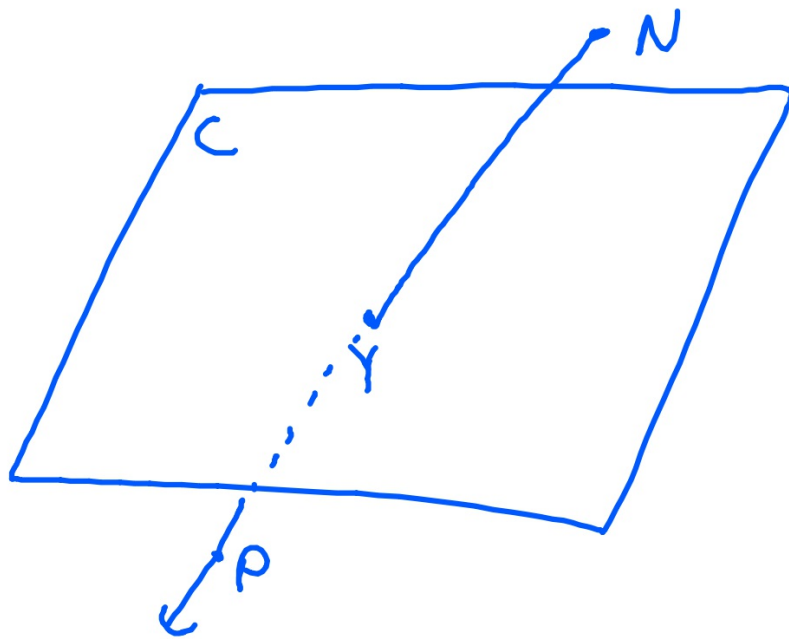
Coplanar - X, Y, D

Draw plane N that has


\overleftrightarrow{AM} that intersects at point X .




Draw plane C with \vec{NP}
intersecting at point Y .




8-16-19 7th Geo

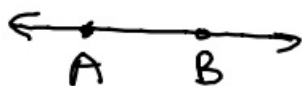
Point 
give location

Line 
goes on forever

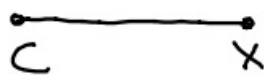
Line segment 
Starting and ending point

Ray 
Starting point and goes on forever

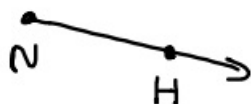
Notation



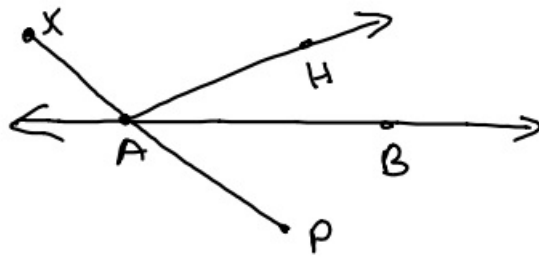
\overleftrightarrow{AB} or \overleftrightarrow{BA}



\overline{CX} or \overline{XC}



\overrightarrow{NH} or ~~\overrightarrow{HN}~~



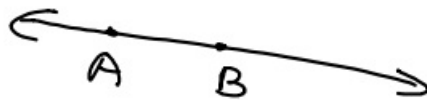
Give the notation for everything you see.

\overrightarrow{AH} \overrightarrow{XP} \overleftrightarrow{AB} \overline{AX} \overline{AP} \overline{AB} \overline{AH}



~~$\overline{AB} = 10\text{cm}$~~

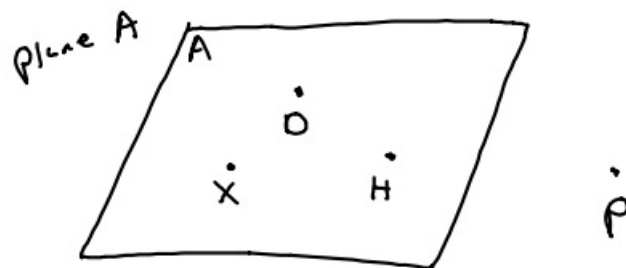
$AB = 10\text{cm}$



\cdot
C

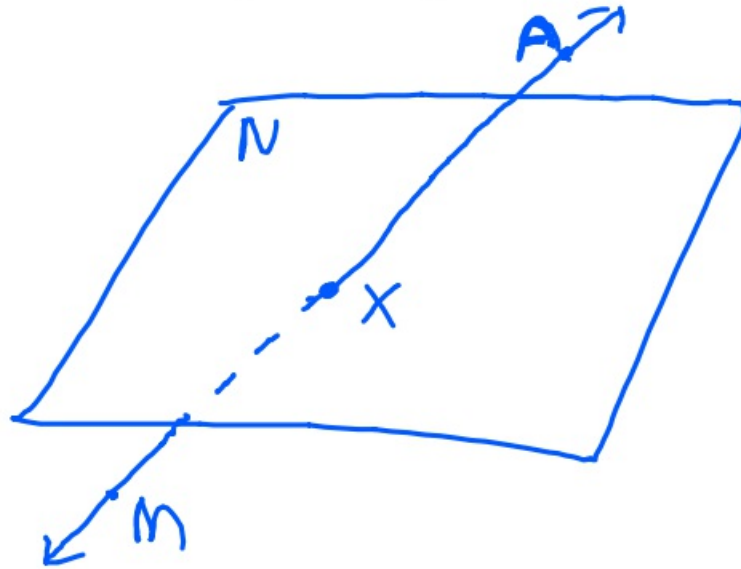
A and B are collinear \rightarrow
on the same line

Plane - A flat surface that extends in all directions



Coplanar - points all \cdot
on the same plane

Draw plane N that has \overleftrightarrow{AM} intersecting the plane at point X .



Draw plane H with \overleftrightarrow{AP} intersecting it at point C .

