


Q.20-18 5<sup>th</sup> Geo


Quick vs. Quickly
↓                      ↓
adj.                      adverb
quick <u>punch</u> May I go to
quick <u>kiss</u> the restroom
quick _____ <u>quickly.</u>

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Point → gives location

line →  keeps going forever

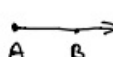
line segment →  has starting and stopping point part of a line

ray →  has a starting point and goes on forever

Notation


line   $\overleftrightarrow{AB}$  OR  $\overleftrightarrow{BA}$

line segment   $\overline{AB}$  OR  $\overline{BA}$

ray   $\overrightarrow{AB}$  OR  ~~$\overrightarrow{BA}$~~

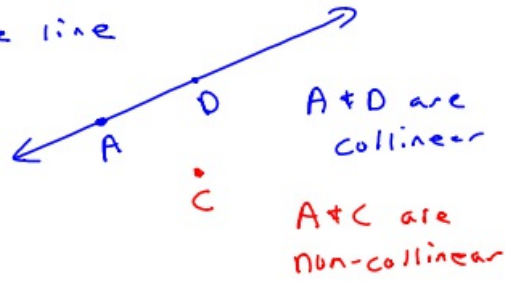


$\overrightarrow{AB}$  is opposite ray to  $\overrightarrow{BA}$

  $AX = 8\text{ cm}$

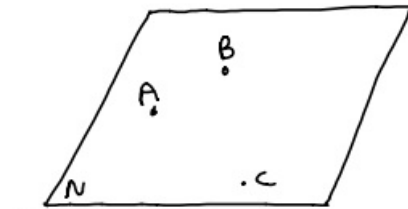
Distance from A to X is  
written as  $AX$  or  $XA$   
 $a.x$

Collinear. points on the same line



Planes - A flat surface that extends in all directions.

Ex: carpet (floor), ceiling, wall, desk top, etc.

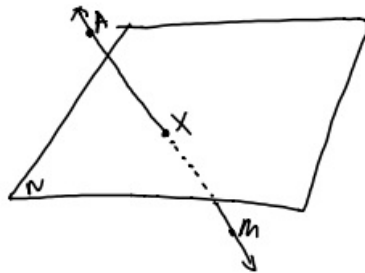


Plane N

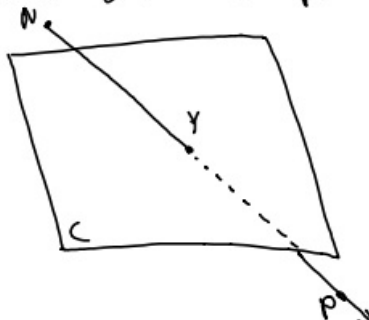
• D

A, B, + C are coplanar.

Draw plane N that has  $\overleftrightarrow{AM}$  intersect it at point X.



Draw plane C with  $\overleftrightarrow{NP}$  intersecting it at point Y.



8-20-18 6<sup>th</sup> Geo


Quick vs. Quickly  
adj.                      adverb


quick punch                      I will go  
quick trick                      quickly.  
quick kiss  
quick \_\_\_\_\_

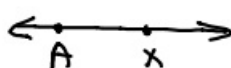
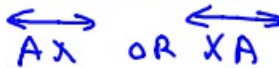
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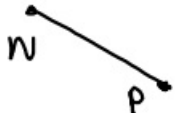

Point - gives spots a location



Lines -   
goes on forever in  
both directions

Line segment -   
Has a starting and a  
stopping point

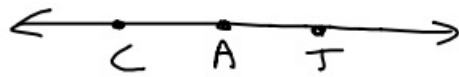
Ray -   
Has starting point and  
goes on forever in  
one direction

Line  Shortcut  
  
AX OR XA

line segment   
  
NP OR PN

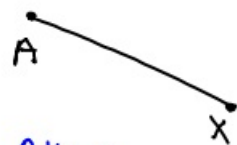
Ray   
  
CD OR ~~DC~~

## Opposite Rays



$\overrightarrow{AC}$  and  $\overrightarrow{AT}$  are opposite rays.

## Distance between points



$AX = 8 \text{ cm}$

Notation is

$AX$  or  $XA$

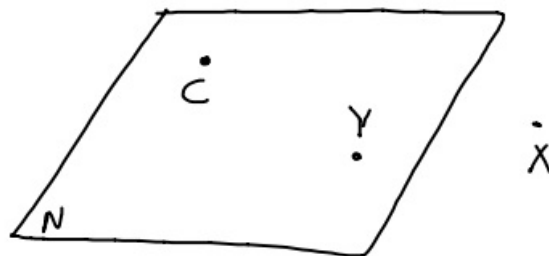
Collinear - two points on the same line



$A$  &  $N$  are collinear

$A$  &  $C$  are non-collinear

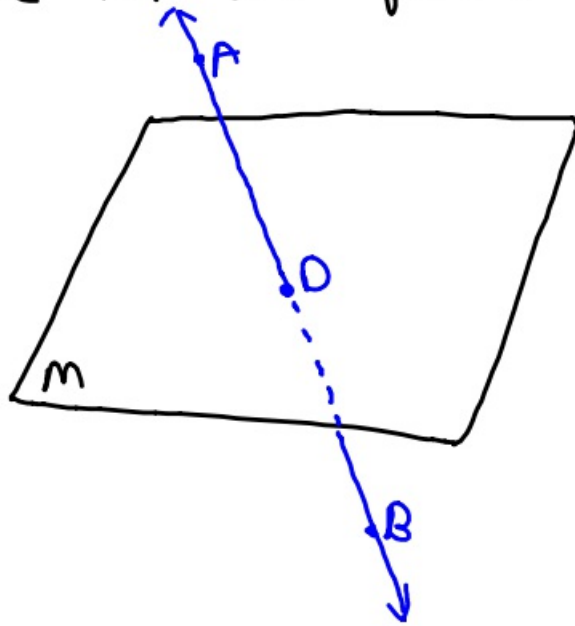
Plane - flat surface that goes in all directions forever.



$C$  &  $Y$  are coplanar.

$X$  &  $Y$  are non-coplanar.

Draw  $\overleftrightarrow{AB}$  that intersects  
Plane  $M$  at point  $D$ .



Draw  $\overrightarrow{AX}$  that intersects  
Plane  $D$  at point  $M$ .

