Welcome! Please get your ISN and have a seat!!

Please get a different color

pen, marker, or crayon from

the bookcase. Get your extra

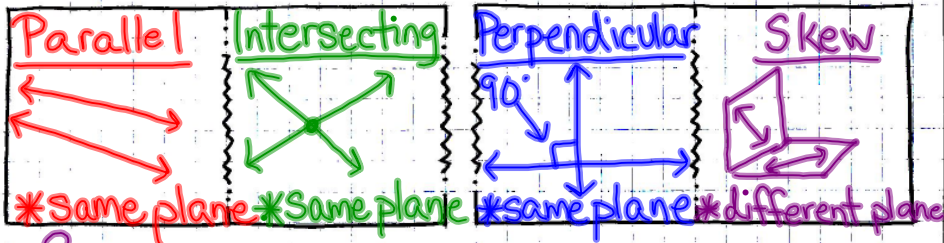*credit sheet on your desk.*

U1 WWK Pg 7

Term	Definition	Picture
Point	a location – has no size – named by a letter or by an ordered pair	•A or (1,-4)
Line	Straight path through 2 points that goes on forever. named by 2 points or by cursive letter.	$\overleftrightarrow{AB}$ line m
Plane	flat 2D surface that extends forever. named with 3 points or capital letter.	▱ABC or ▱X

Points, Lines, & PLANES

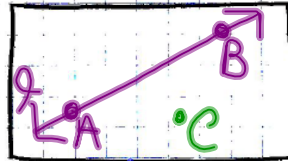HOW do Lines interact? They can be...

Parallel	Intersecting	Perpendicular 90°	Skew
*same plane	*same plane	*same plane	*different plane

* _2_ points make a Line.
* _3_ non-collinear points make a plane.
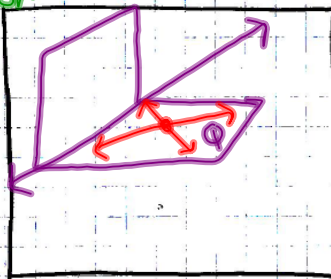* Lines intersect at __exactly 1 point__.

Aug 8-10:20 AM

HOW do PLANES interact? They can be...

Parallel	Perpendicular 90°	Intersecting
*floor & ceiling	*2 walls, wall & floor	*2 sides of a roof
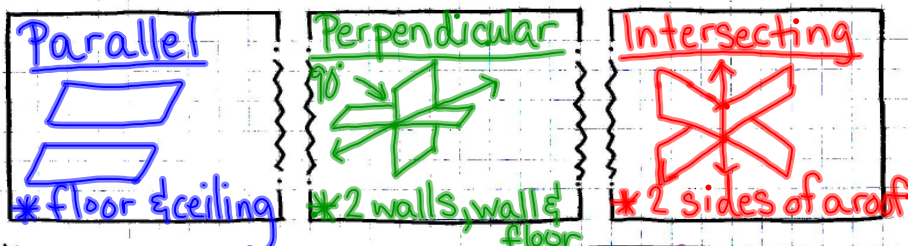
* 2 or more planes intersect at a __line__.
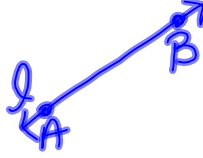* If 2 lines intersect, then they are __coplanar__.

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TOC 9 Points, Lines, and Planes
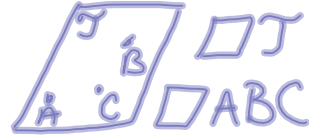

*Name points w/ a letter or ordered pair.
• A (5,-2)

*Name lines w/2 letters or lower case cursive letter
ℓ or $\overleftrightarrow{AB}$

*Name planes with 3 letters or capital cursive letter
□ J
□ ABC

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Aug 14-4:31 PM