

Day 2 PLPS Sketches & ASN.notebook

Tips for Sketching PLPS

- 1) Always label!
- 2) Check P/D
- 3) Try to avoid using 0/1/2/3

The non-collinear points A, B, and C are all contained in plane N.

Day 2 PLPS Sketches & ASN.notebook

The intersection of planes A and B is line DT.

Points R, S, and T are in plane M but point W does not lie in plane M.

Lines AB and BC intersect.

Lines HK and AC are not in plane N but intersect plane N at D.

Planes F, I, and S intersect at point H.

Two planes G and H intersect at \overleftrightarrow{AB} . $\overleftrightarrow{RT} \cap$ planes G and H but is not contained in G or H. Point X is contained in \overleftrightarrow{RT} but does not lie in either G or H.

Lines m and n intersect at point Q.

Point A and a line m are coplanar but not collinear.

\overleftrightarrow{BA} lies in plane T and \overleftrightarrow{SI} lies in plane R. The segments are skew. \overleftrightarrow{PR} which lies in plane N, is parallel to \overleftrightarrow{BA} and does not intersect \overleftrightarrow{SI} .

Always, Sometimes, or Never?
If in doubt, draw it out!