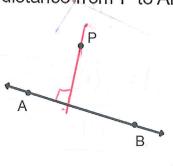
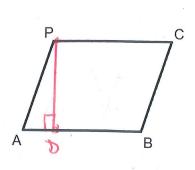
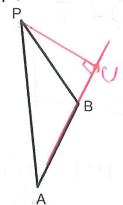
Geometry - 3.6 - Perpendiculars and Distance

• The distance from a <u>line</u> to a point not on the line is the length of the segment <u>perpendiculus</u> to the line from the point.

Ex 1 - In the pictures below, draw a segment that represents the distance from P to AB.







- Two coplanar lines are <u>pocalle</u> if they are <u>equilistent</u> anywhere the two lines are connected with a perpendicular line.
- In a plane, if two lines are <u>Physidistent</u> from a third line, then the two lines are <u>pacallal</u> to each other. (Thm. 3.9)



