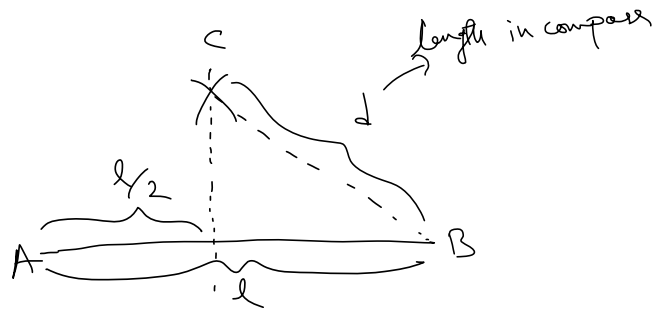
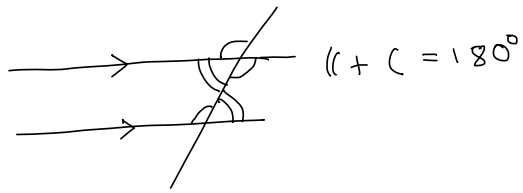


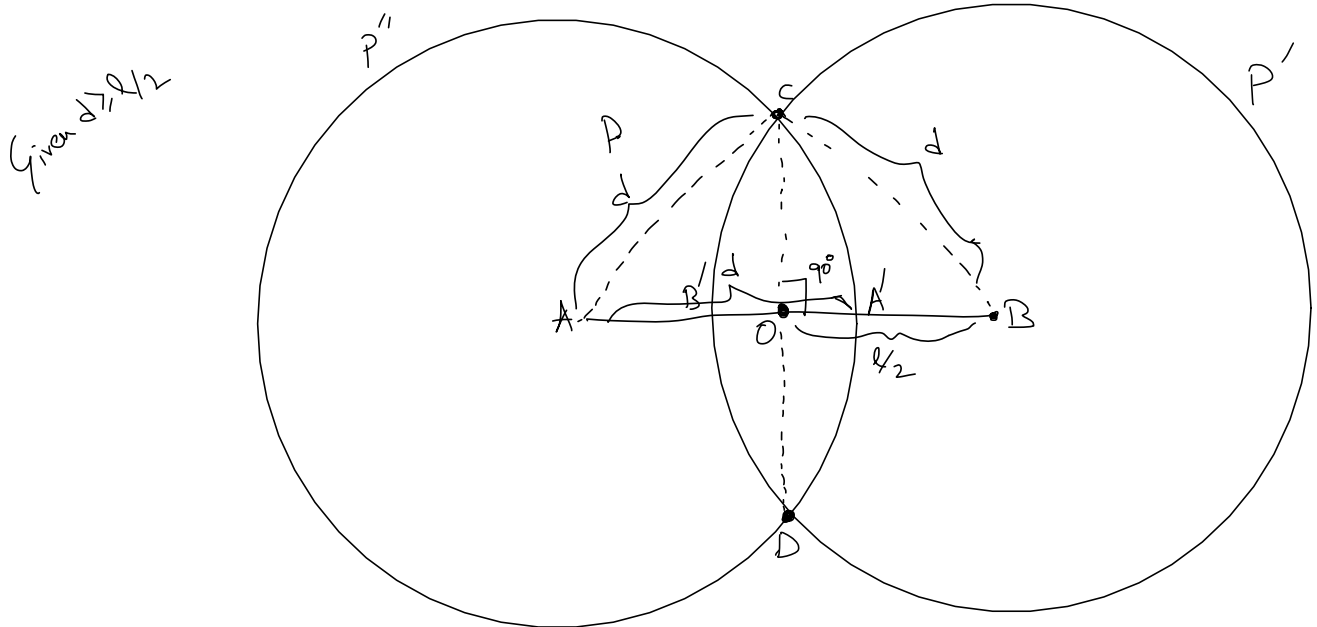
Geometry 1

04 April 2024 17:46



B is the centre of circle P
 Similarly A is the centre of circle P''

If $d \geq l/2$ then
 prove the constructed
 CD line bisects AB



radius of P' and P'' is length d
 BB' is radius and CD is chord of P' $\Rightarrow BB' \perp CD$
 $\Rightarrow AB \perp CD$

$AA' = BB' = d$
 $\triangle CAO \cong \triangle CBO \Rightarrow AO = BO = l/2$