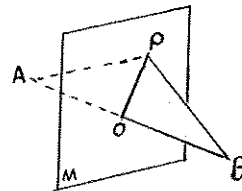


PJ-9 Zoe Kreider

#1 Congruent Triangles
Proof

Given: Plane M bisects \overline{AB} ; $\overline{PA} \cong \overline{PB}$

Prove: $\triangle POA \cong \triangle POB$



Plane M bisects \overline{AB} ; $\overline{PA} \cong \overline{PB}$	Given
$\overline{PO} \cong \overline{PO}$	Reflexive
$\overline{AO} \cong \overline{OB}$	Def. of bisector
$\triangle POA \cong \triangle POB$	SSS \cong Postulate