More Proofs
(SSS, SAS, ASA, AAS)

Geometry

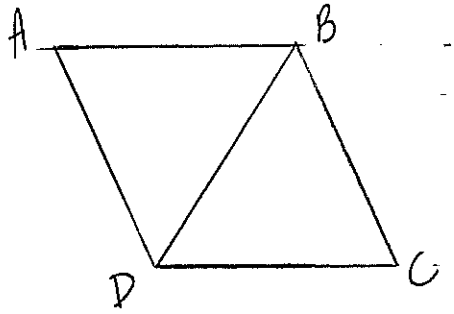
Name: _____

P: _____

Proof ws #2

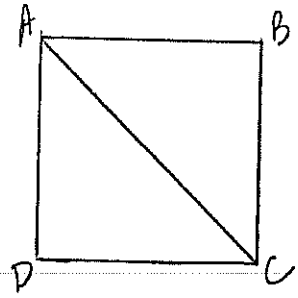
(1) Given: $\overline{AB} \parallel \overline{DC}$; $\overline{AD} \parallel \overline{BC}$
Prove: $\triangle ABD \cong \triangle CDB$

Statements	Reasons



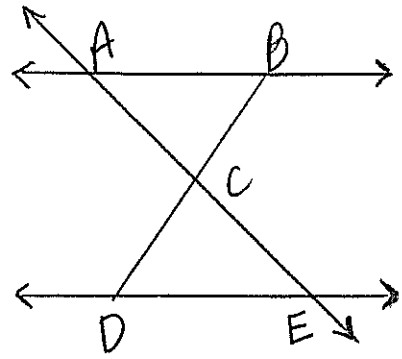
(2) Given: $\overline{AC}$ bisects $\angle BAD$ and $\angle BCD$
Prove: $\triangle ABC \cong \triangle ADC$

Statements	Reasons



(3) Given: $\overleftrightarrow{AB} \parallel \overleftrightarrow{DE}$; C is midpoint of $\overline{AE}$
Prove: $\triangle ABC \cong \triangle EDC$

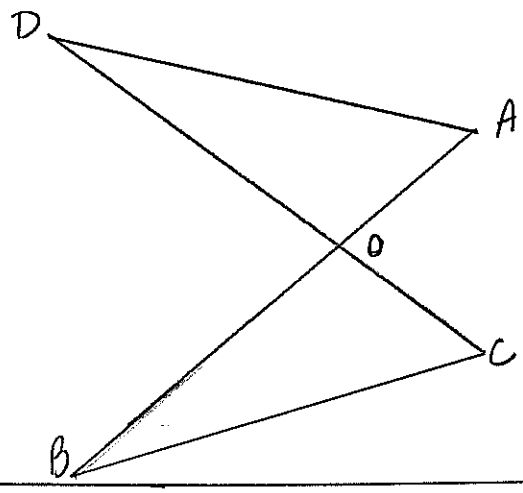
Statements	Reasons



(4) Given: $\overline{AO} \cong \overline{CO}$; $\overline{DO} \cong \overline{BO}$

Prove: $\triangle AOD \cong \triangle COB$

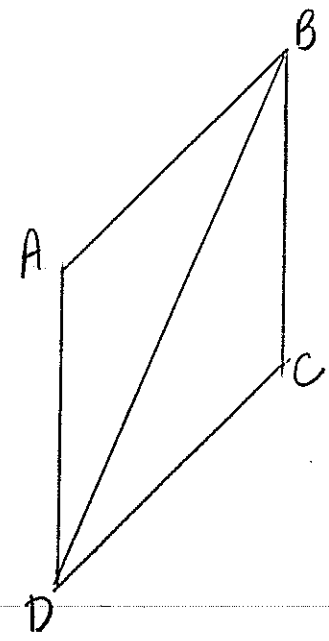
Statements	Reasons



(5) Given: $\overline{AB} \cong \overline{DC}$; $\overline{AD} \cong \overline{BC}$

Prove: $\triangle BAD \cong \triangle DCB$

Statements	Reasons



(6) Given: $\overline{AC} \cong \overline{CD}$; $\overline{BC} \cong \overline{CE}$; $\angle ACB \cong \angle DCE$

Prove: $\triangle ABC \cong \triangle DEC$

Statements	Reasons