

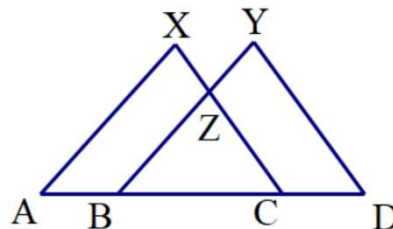
Name _____
Mr. Schlansky

Date _____
Geometry

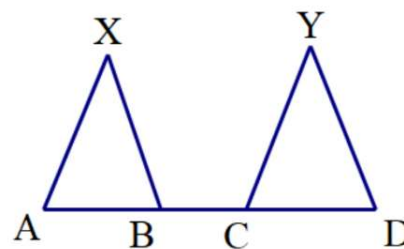


Addition and Subtraction Property Mini Proofs (PR5)

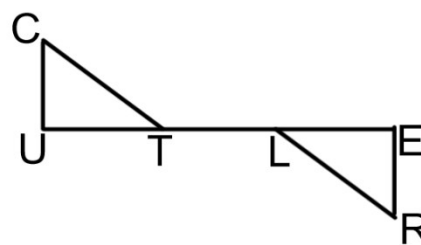
1. Given: $\overline{AB} \cong \overline{CD}$
Prove: $\triangle AXC \cong \triangle BYD$



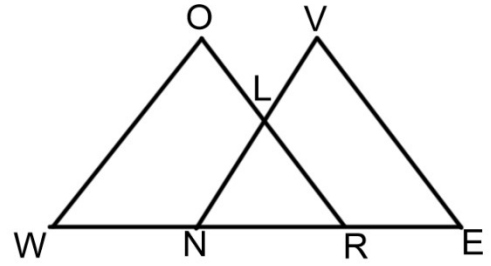
2. Given: $\overline{AC} \cong \overline{BD}$
Prove: $\triangle AXB \cong \triangle DYC$



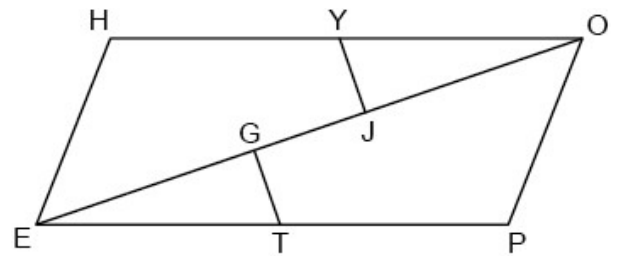
3. Given: $\overline{UL} \cong \overline{TE}$
Prove: $\triangle CUT \cong \triangle REL$



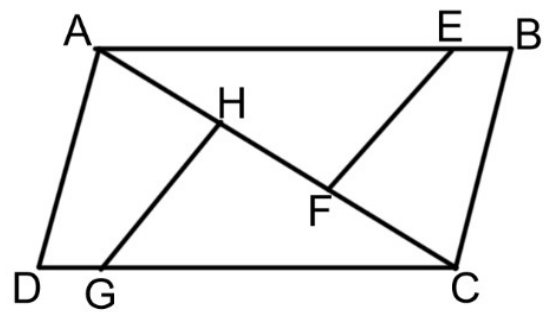
4. Given: $\overline{WN} \cong \overline{RE}$
 Prove: $\triangle WOR \cong \triangle NVE$



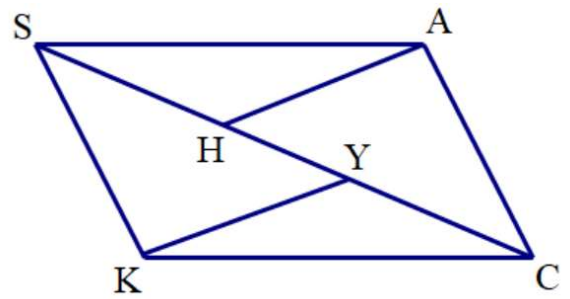
5. Given: $\overline{EJ} \cong \overline{GO}$
 Prove: $\triangle TGE \cong \triangle YJO$



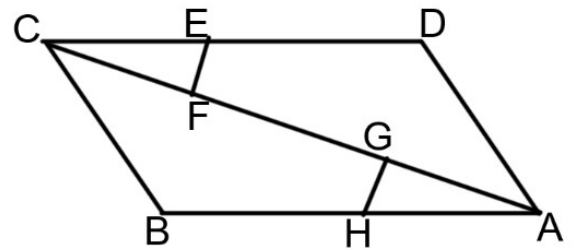
6. Given: $\overline{AE} \cong \overline{GC}$, $\overline{EB} \cong \overline{DG}$
 Prove: $\triangle ABC \cong \triangle CDA$



7. Given: $\overline{SY} \cong \overline{HC}$
 Prove: $\triangle ASH \cong \triangle KCY$



8. Given: $\overline{CE} \cong \overline{AH}$, $\overline{ED} \cong \overline{BH}$
 Prove: $\triangle CDA \cong \triangle ABC$



9. Given: $\overline{AH} \cong \overline{FC}$
 Prove: $\triangle AFE \cong \triangle CHG$

