

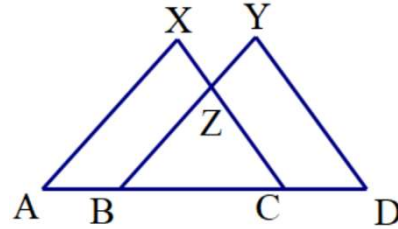
Name _____
Mr. Schlansky

Date _____
Geometry

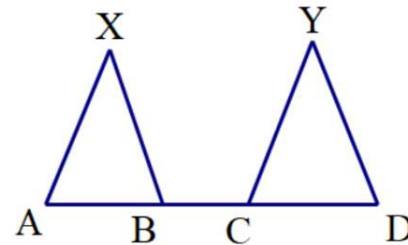


Addition and Subtraction Property Mini Proofs

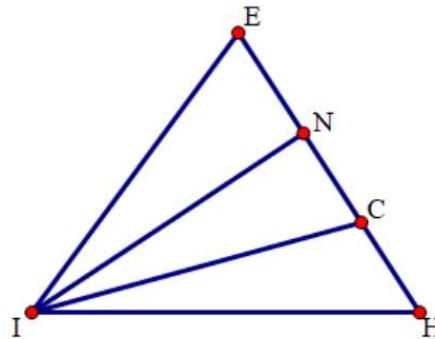
1. Given: $\overline{AB} \cong \overline{CD}$
Prove: $\triangle AXC \cong \triangle BYD$



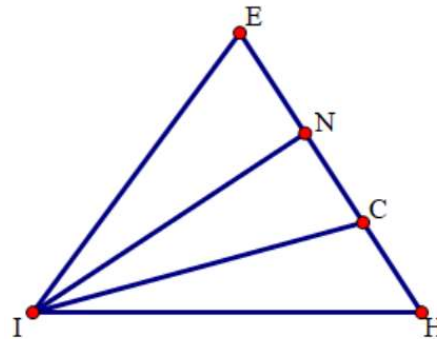
2. Given: $\overline{AC} \cong \overline{BD}$
Prove: $\triangle AXB \cong \triangle DYC$



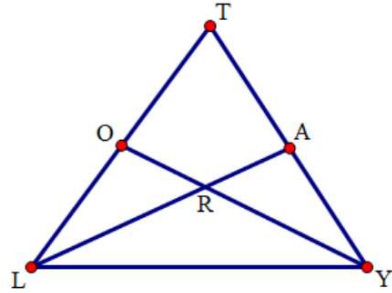
3. Given: $\angle EIN \cong \angle HIC$
Prove: $\triangle EIC \cong \triangle HIN$



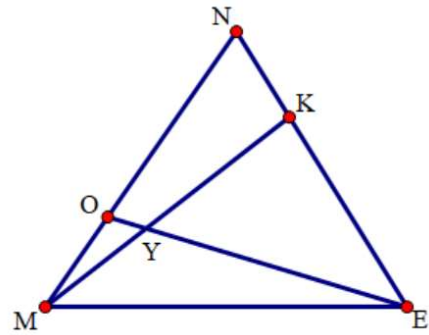
4. Given: $\angle EIC \cong \angle HIN$
Prove: $\triangle EIN \cong \triangle HIC$



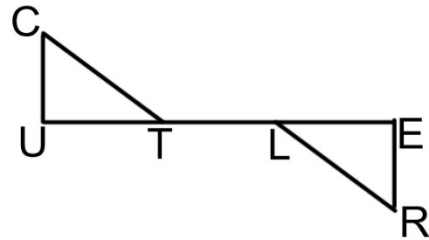
5. Given: $\angle TLA \cong \angle TYO$, $\angle ALY \cong \angle OYL$
 Prove: $\triangle OLY \cong \triangle AYL$



6. Given: $\overline{MN} \cong \overline{NE}$, $\overline{ON} \cong \overline{KE}$
 Prove: $\triangle MOE \cong \triangle NKM$



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



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

