

Name _____
Mr. Schlansky

Date _____
Geometry

Addition and Subtraction Property Mini Proofs

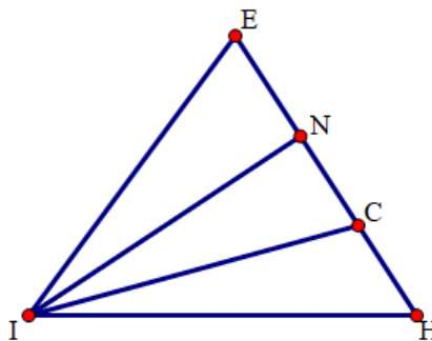
1. Given: $\overline{AB} \cong \overline{CD}$
Prove: $\overline{AC} \cong \overline{BD}$



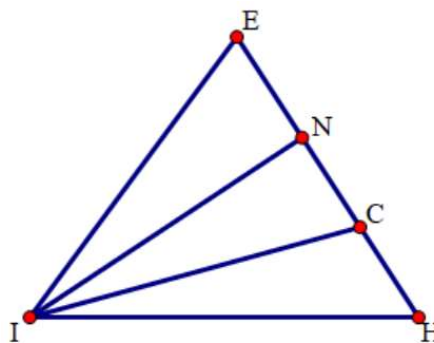
2. Given: $\overline{AC} \cong \overline{BD}$
Prove: $\overline{AB} \cong \overline{CD}$



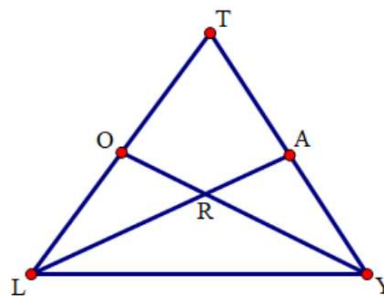
3. Given: $\angle BIN \cong \angle HIC$
Prove: $\angle BIC \cong \angle HIN$



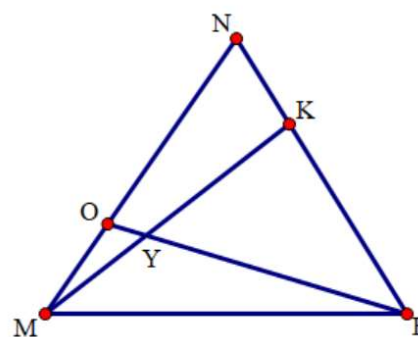
4. Given: $\angle BIC \cong \angle HIN$
Prove: $\angle BIN \cong \angle HIC$



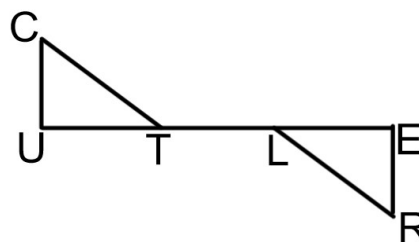
5. Given: $\angle TLA \cong \angle TYO$, $\angle ALY \cong \angle OYL$
 Prove: $\angle TLY \cong \angle TYL$



6. Given: $\overline{MN} \cong \overline{NE}$, $\overline{ON} \cong \overline{KE}$
 Prove: $\overline{MO} \cong \overline{KN}$



7. Given: $\overline{UL} \cong \overline{TE}$
 Prove: $\overline{UT} \cong \overline{LE}$



8. Given: $\overline{WN} \cong \overline{RE}$
 Prove: $\overline{WR} \cong \overline{NE}$

