Proofs Using Reflexive Property and Vertical Angles

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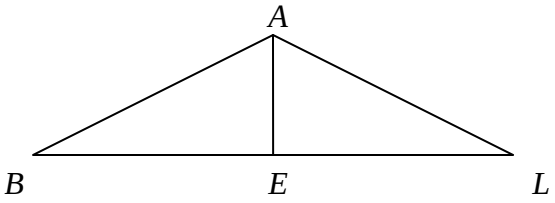
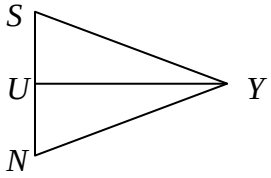
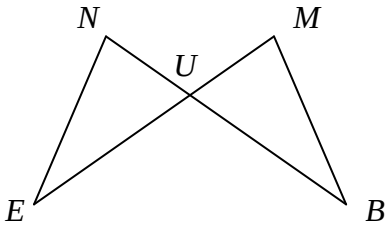
1. Given: $\angle B \cong \angle L$
   $\angle BAE \cong \angle LAE$
   Prove: $\Delta BAE \cong \Delta LAE$



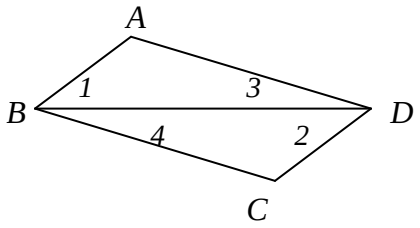
2. Given: $\angle SUY \cong \angle NUY$
   $\angle SYU \cong \angle NYU$
   Prove: $\Delta SUY \cong \Delta NUY$



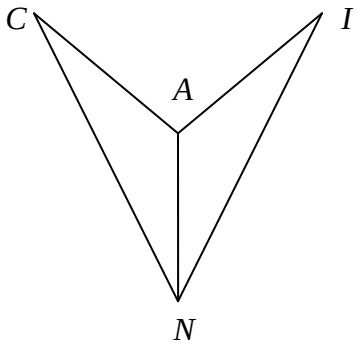
3. Given: $\overline{NU} \cong \overline{MU}$
   $\angle E \cong \angle B$
   Prove: $\Delta NUE \cong \Delta MUB$



4. Given: $\angle 1 \cong \angle 2$
   $\overline{AB} \cong \overline{CD}$
   Prove: $\Delta ABD \cong \Delta CDB$



5. Given: $\angle CAN \cong \angle IAN$
   $\overline{CA} \cong \overline{IA}$
   Prove: $\Delta CAN \cong \Delta IAN$



6. Given: $\angle R \cong \angle Z$
   $\overline{CA} \cong \overline{YA}$
   Prove: $\Delta CRA \cong \Delta YZA$