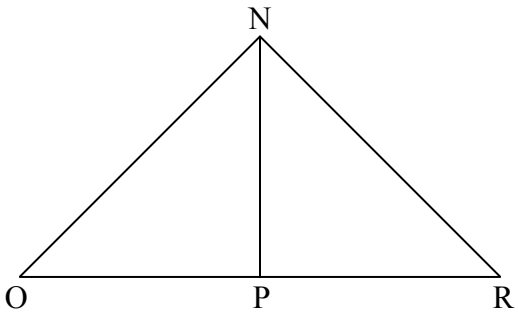
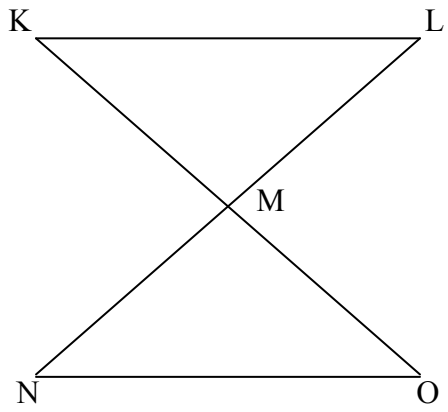
2. **Given:** $\angle NPO \cong \angle NPR$;
P is the midpt. of $\overline{OR}$

Prove: $\angle ONP \cong \angle RNP$



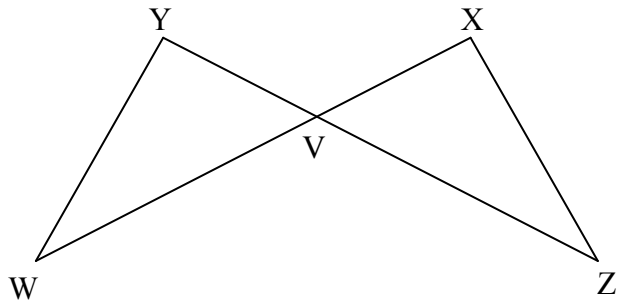
6. **Given**: $\overline{NL}$ bisects $\overline{KO}$; M is the midpoint of $\overline{NL}$
   Prove: $\Delta KLM \cong \Delta ONM$



Name_____Per._____Date_____
Geometry Ch. 4 proofs w.s.

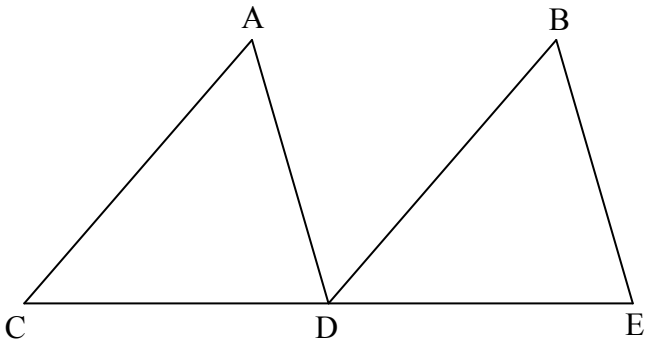
1. **Given:** V is the midpt. of $\overline{YZ}$.
V is the midpt. of $\overline{WX}$.

Prove: $\Delta XVZ \cong \Delta WVY$



2. **Given:** $\overline{AC} \parallel \overline{BD}$; $\overline{AC} \cong \overline{BD}$
$\overline{AD}$ bisects $\overline{CE}$

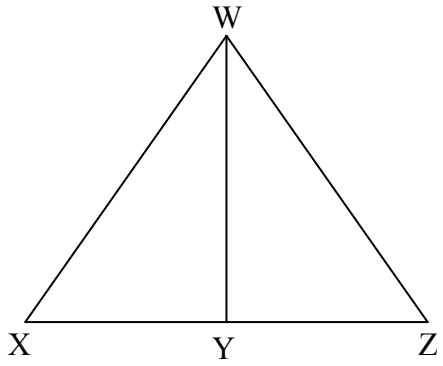
Prove: $\Delta ACD \cong \Delta BDE$



4. Given: $\overline{WX} \cong \overline{WZ}$

Y is the midpt. of $\overline{XZ}$

Prove: $\angle X \cong \angle Z$



Name_____Per._____Date_____
Geometry Proofs Worksheet

1. **Given**: $\overline{AE} \cong \overline{FC}$; $\overline{DE} \perp \overline{AC}$; $\overline{BF} \perp \overline{AC}$; $\overline{AD} \parallel \overline{BC}$;

   Prove: $\Delta ADE \cong \Delta CBF$