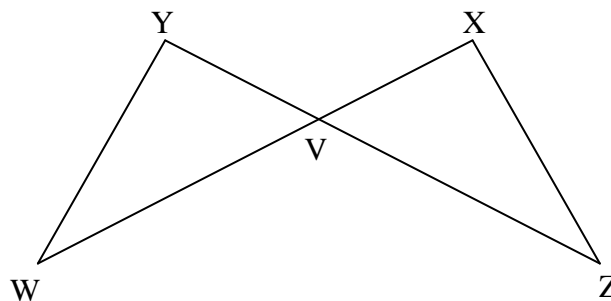


Name \_\_\_\_\_ Per. \_\_\_\_\_ Date \_\_\_\_\_

Geometry Ch. 4 proofs w.s.

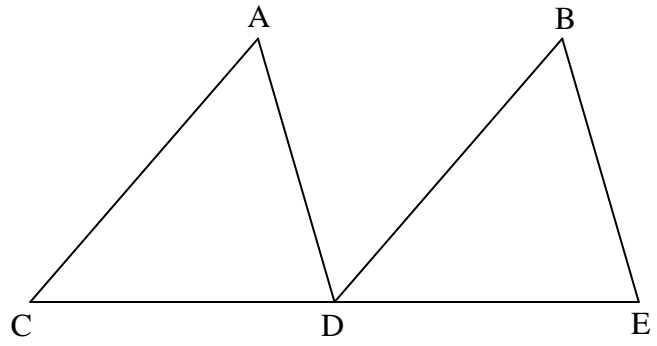
1. **Given:** V is the midpt. of  $\overline{YZ}$ .  
V is the midpt. of  $\overline{WX}$ .

**Prove:**  $\triangle XVZ \cong \triangle WVY$



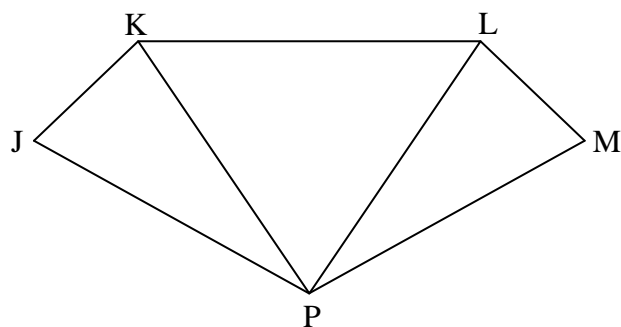
2. **Given:**  $\overline{AC} \parallel \overline{BD}$  ;  $\overline{AC} \cong \overline{BD}$   
 $\overline{AD}$  bisects  $\overline{CE}$

**Prove:**  $\triangle ACD \cong \triangle BDE$



3. **Given:**  $\triangle KPL$  is equilateral  
 $\overline{JP} \cong \overline{MP}$  ;  $\angle KPJ \cong \angle LPM$

**Prove:**  $\overline{JK} \cong \overline{ML}$



4. **Given:**  $\overline{WX} \cong \overline{WZ}$   
Y is the midpt. of  $\overline{XZ}$

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

