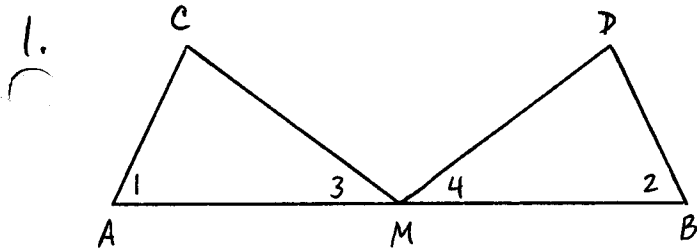


Sec 4-4

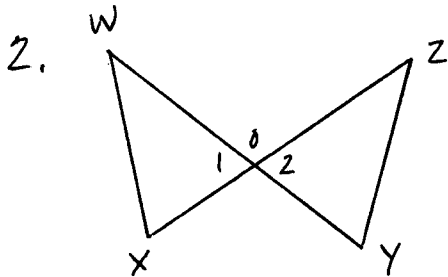
USING CONGRUENT TRIANGLES



Given M is midpoint of \overline{AB}

$\angle 1 \cong \angle 2, \angle 3 \cong \angle 4$

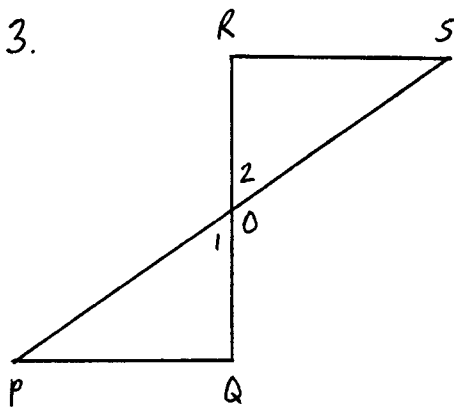
Prove $\overline{AC} \cong \overline{BD}$



Given $\overline{WO} \cong \overline{ZO}$

$\overline{XO} \cong \overline{YO}$

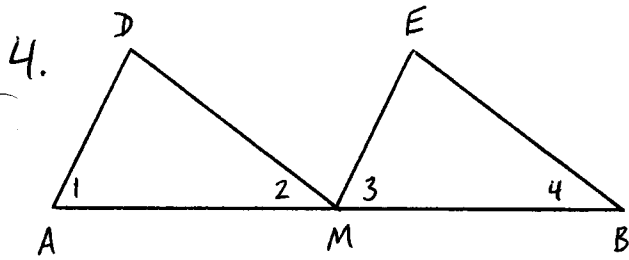
Prove $\angle W \cong \angle Z$



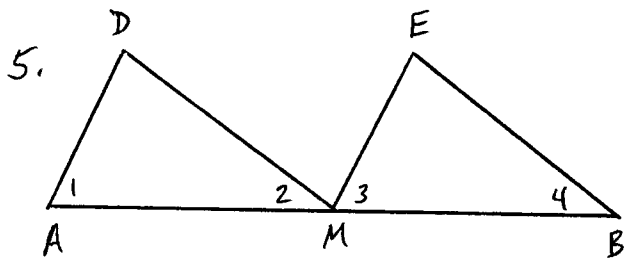
Given O is the midpoint of \overline{PS}

$\overline{RS} \parallel \overline{PQ}$

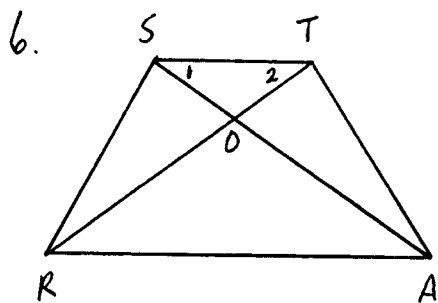
Prove $\overline{OR} \cong \overline{OQ}$



Given $\overline{AD} \parallel \overline{ME}$, $\overline{MD} \parallel \overline{BE}$
 M is midpoint of \overline{AB}
Prove $\overline{AD} \cong \overline{ME}$



Given $\overline{AD} \parallel \overline{ME}$, $\overline{AD} \cong \overline{ME}$
 M is midpoint of \overline{AB}
Prove $\angle D \cong \angle E$



Given $\overline{RT} \cong \overline{AS}$
 $\overline{RS} \cong \overline{AT}$
Prove $\angle 1 \cong \angle 2$
