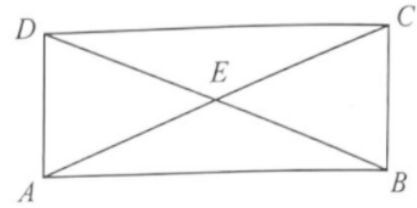
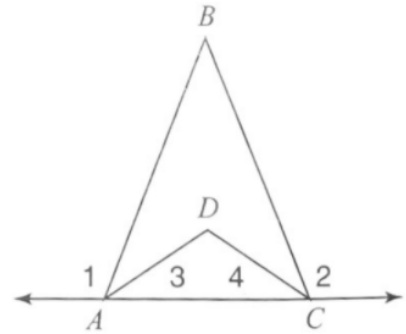


6. Given: \overline{AC} and \overline{BD} bisect each other at E , $\overline{AC} \cong \overline{BD}$.
 Prove: $\triangle AED$ is isosceles.



8. Given: $\angle 1 \cong \angle 2$, \overline{AD} bisects $\angle BAC$, \overline{CD} bisects $\angle BCA$.
 Prove: $\angle 3 \cong \angle 4$.



Exercise 8

9. Given: $\overline{SJ} \cong \overline{SK}$, $\overline{JR} \cong \overline{MR}$, $\overline{KT} \cong \overline{MT}$,
 M is the midpoint of \overline{RT} .
 Prove: $\overline{SR} \cong \overline{ST}$.

