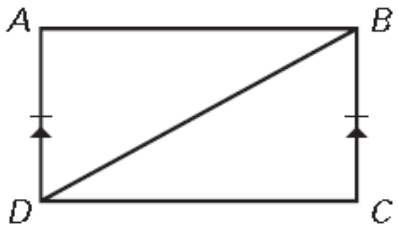Write a proof:

1.   2.

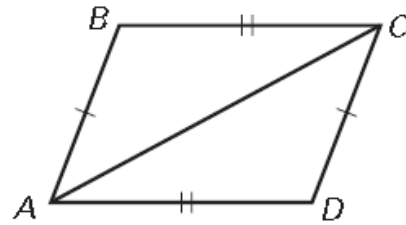**Given:** $\overline{AD} \cong \overline{CB}, \overline{AD} \parallel \overline{CB}$

Prove: $\triangle ABD \cong \triangle CDB$
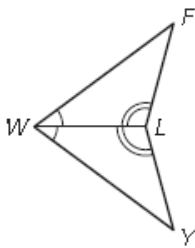
Given: $\overline{AB} \cong \overline{CD}, \overline{BC} \cong \overline{DA}$

Prove: $\triangle ABC \cong \triangle CDA$
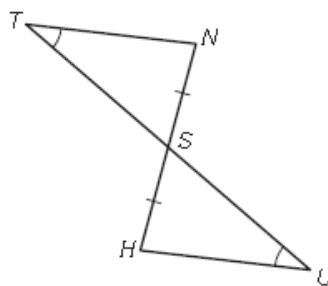
Is it possible to prove that the triangles are congruent? If so, state the postulate or theorem you would use. Explain your reasoning.
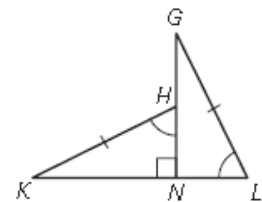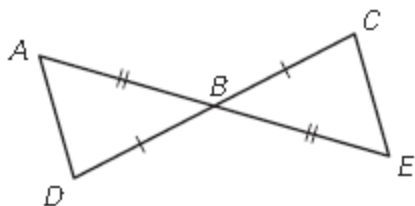
7.   8.   9.

10. Given: B is the midpoint of $\overline{AE}$.

   B is the midpoint of $\overline{CD}$.

Prove: $\triangle ABD \cong \triangle EBC$

11. Given: $\overline{AB} \parallel \overline{CD}$, $\overline{AB} \cong \overline{CD}$

Prove: $\triangle ABC \cong \triangle DCB$