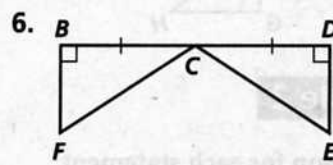
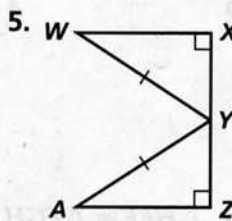
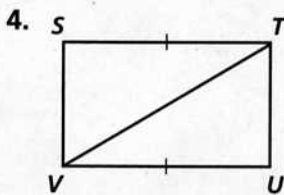
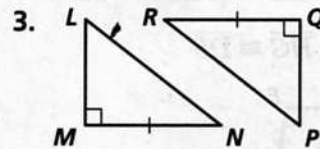
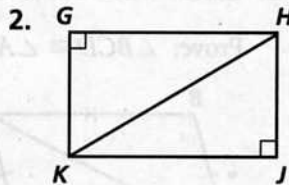
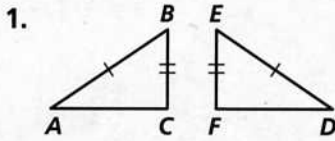


Practice 8-3

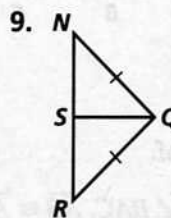
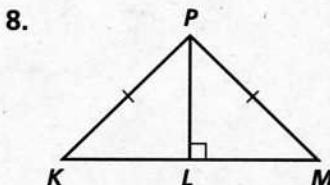
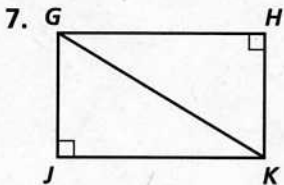
Example Exercises

Example 1

What additional information would you need to prove the triangles congruent by the HL Theorem?



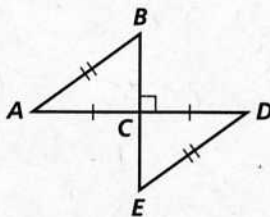
Decide whether you can use the HL Theorem to prove the triangle congruent. If you can, write a two-column proof. If you cannot, write *not possible*.



Example 2

Write a flow proof.

10. Given: \overline{BC} is the perpendicular bisector of \overline{AD} , $\overline{AB} \cong \overline{ED}$
Prove: $\triangle ABC \cong \triangle DEC$



11. Given: $\overline{SQ} \perp \overline{PR}$, $\overline{SP} \cong \overline{SR}$
Prove: $\triangle SQP \cong \triangle SQR$

