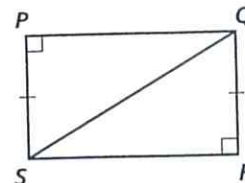
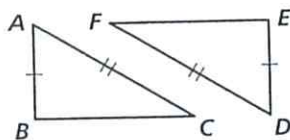


Practice 4-6

Congruence in Right Triangle:

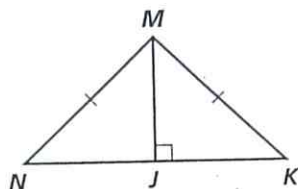
Write a two-column proof. *for 1-4*

1. Given: $\overline{AB} \perp \overline{BC}$, $\overline{ED} \perp \overline{FE}$, $\overline{AB} \cong \overline{ED}$, $\overline{AC} \cong \overline{FD}$
Prove: $\triangle ABC \cong \triangle DEF$

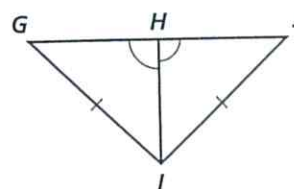


~~Write a flow proof:~~

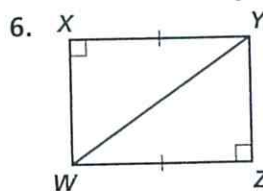
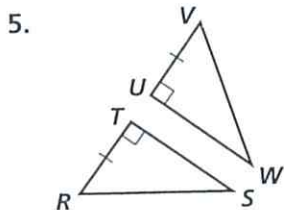
3. Given: $\overline{MJ} \perp \overline{NK}$, $\overline{MN} \cong \overline{MK}$
Prove: $\triangle MJN \cong \triangle MKJ$



4. Given: $\overline{GI} \cong \overline{JI}$, $\angle GHI \cong \angle JHI$
Prove: $\triangle IHG \cong \triangle IJH$



What additional information do you need to prove each pair of triangles congruent by the HL Theorem? *If it's a congruency, state it.*



If you need right angles, name them.

