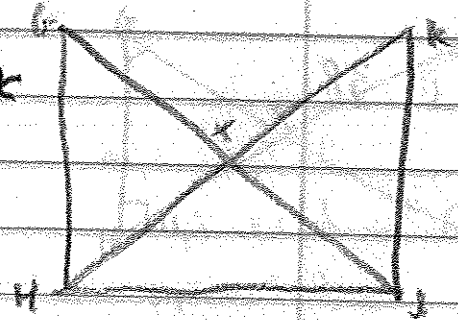


Given: $\overline{GH} \perp \overline{HJ}$, $\overline{KJ} \perp \overline{HJ}$, $\angle G \cong \angle K$
 Prove: $\triangle GHJ \cong \triangle KJH$



$\overline{GH} \perp \overline{HJ}$	$\overline{KJ} \perp \overline{HJ}$	$\angle G \cong \angle K$	Given
$\angle GHJ$ and $\angle KJH$	are right angles		Def. perp lines
$\angle GHJ \cong \angle KJH$			Right angle \cong
$\overline{HJ} \cong \overline{HJ}$			Reflexive
$\triangle GHJ \cong \triangle KJH$			AAS \cong Post