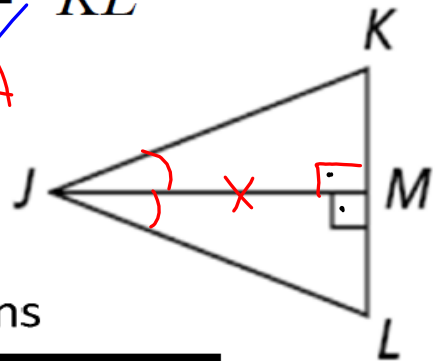


DO NOW

Given: \overline{JM} bisects $\angle J$. $\overline{JM} \perp \overline{KL}$

Prove: $\triangle JMK \cong \triangle JML$ by ASA



Statements	Reasons
1) \overline{JM} bisects $\angle J$ $\overline{JM} \perp \overline{KL}$	1) Given
2) $\overline{JM} \cong \overline{JM}$	2) Reflexive Property
3) $\angle LJM \cong \angle KJM$	3) Angle bisectors create 2 \cong \angle 's
4) $\angle KMJ$ and $\angle LMJ$ are right \angle 's	4) \perp lines form right \angle 's
5) $\angle KMJ \cong \angle LMJ$	5) All right \angle 's are \cong
6) $\triangle JMK \cong \triangle JML$	6) ASA