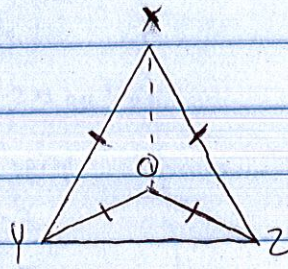


Proof $\angle Y \cong \angle Z$

Given: $\overline{XY} \cong \overline{XZ}$; $\overline{OY} \cong \overline{OZ}$

Prove: $m\angle Y = m\angle Z$



$\overline{XY} \cong \overline{XZ}$, $\overline{OY} \cong \overline{OZ}$	Given
Draw auxiliary \overline{XO}	Through 2 points, ^{one} line
$\overline{XO} \cong \overline{XO}$	refl. prop.
$\triangle XOY \cong \triangle XOZ$	SSS \cong
$\angle Y \cong \angle Z$	CPCTC
$m\angle Y = m\angle Z$	def. of \cong