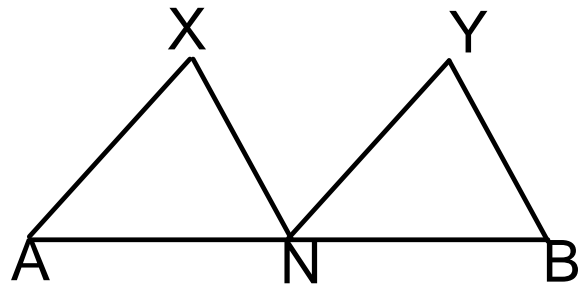
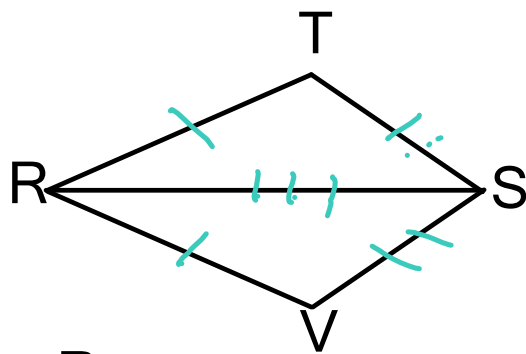


Prove: $\angle X \cong \angle Y$



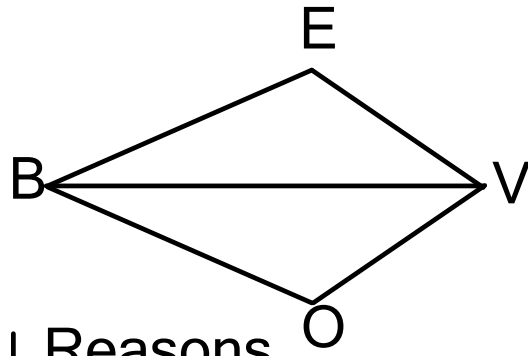
Statements	Reasons
$\textcircled{1}$ N is mdpt of \overline{AB} $\overline{AX} \cong \overline{NY}$ $\overline{AN} \cong \overline{BY}$	$\textcircled{1}$ Given
$\overline{AN} \cong \overline{NB}$	Def. of MDPT
$\triangle AXN \cong \triangle NYB$	SSS
$\angle X \cong \angle Y$	CPCTC

Prove: $\angle RST \cong \angle RSV$



Statements	Reasons
$\textcircled{1}$ $\overline{RT} \cong \overline{RV}$, $\overline{TS} \cong \overline{VS}$	$\textcircled{1}$ Given
2 $\overline{RS} \cong \overline{RS}$	$2.$ reflexive pr
3 $\triangle RVS \cong \triangle RTS$	$3.$ SSS
4 $\angle RST \cong \angle RSV$	$4.$ CPCTC

Prove: $\angle E \cong \angle O$



Statements	Reasons
① \overline{VB} bisects $\angle EVO$	① Given
\overline{BV} bisects $\angle EBO$	
2. $\angle 1 \cong \angle 2$ / $\angle 3 \cong \angle 4$	2. Def. of bisect
3. $\overline{BV} \cong \overline{BV}$	3. Reflex. Prop
4. $\triangle BVE \cong \triangle BVO$	4. ASA
5. $\angle E \cong \angle O$	5. CPCTC