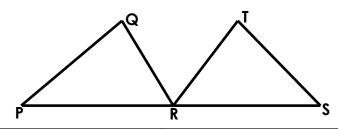


© Katrina Newell, 2016

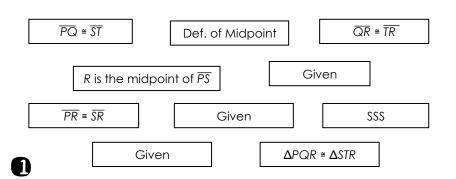


Given: $\overline{PQ} \cong \overline{ST}, \overline{QR} \cong \overline{TR}, R$ is the midpoint of \overline{PS}

Prove: △PQR = △STR



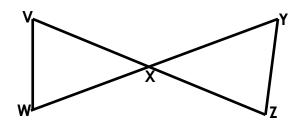
Statements	Reasons





GiVEN: $\overline{WV} \parallel \overline{YZ}$, X is the midpoint of \overline{WY} ,

Prove: $\angle WVX \cong \angle YZX$



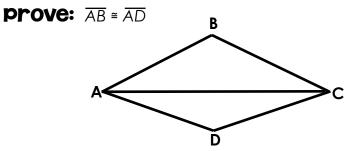
Statements	Reasons

whiteblock





GiVen: AC bisects ∠BCD, ∠ABC ≅∠ADC

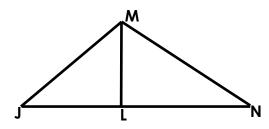


Statements	Reasons



GiVen: L is the midpoint of \overline{JN} , $\overline{JM} \cong \overline{NM}$,

Prove: $\triangle JLM \cong \triangle NLM$



Statements	Reasons

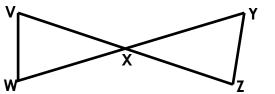






Given: X is the midpoint of \overline{VZ} , X is the midpoint of \overline{WY}

Prove: $\Delta VWX \cong \Delta ZYX$

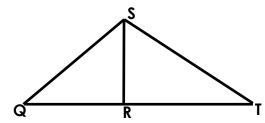


Statements	Reasons
Def. of Midpoint	Def. of Midpoint
$\overline{WX} \cong \overline{XY}$	<pre>✓ ≅ ∠YXZ</pre> Vertical Angles
X is the midpoint of \overline{VZ}	Given
$\overline{VX} \cong \overline{XZ}$ X is the	e midpoint of WY SAS
Given	$\Delta VWX \cong \Delta ZYX$



Given: $\overline{QS} \cong \overline{TS}$, *R* is the midpoint of \overline{QT}

Prove: ∠RQS ≅ ∠RTS



Statements	Reasons

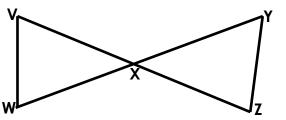
vhiteblock



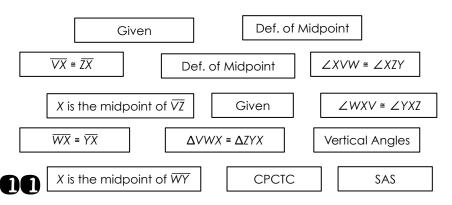


Given: X is the midpoint of \overline{VZ} , X is the midpoint of \overline{WY}

Prove: ∠XVW ≅ ∠XZY



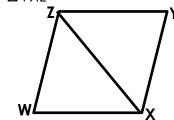
Statements	Reasons





Given: $\overline{XW} \cong \overline{XY}$, \overline{XZ} bisects $\angle WXY$

Prove: $\triangle WXZ \cong \triangle YXZ$



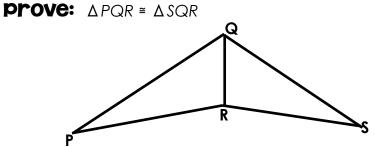
Statements	Reasons

R T I General whiteblock

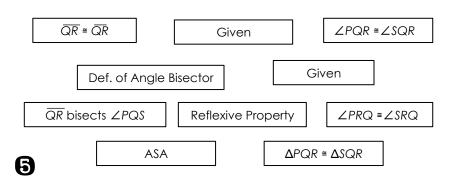




Given: \overline{QR} bisects $\angle PQS$, $\angle PRQ \cong \angle SRQ$



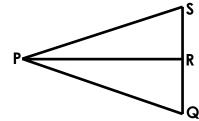
Statements	Reasons





Given: $\overline{PR} \perp \overline{SQ}, \overline{PQ} \cong \overline{PS}$

Prove: $\triangle PRQ \cong \triangle PRS$



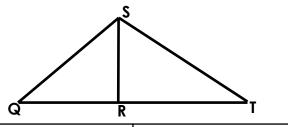
Statements	Reasons

10

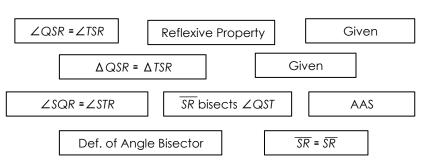


GiVen: \overline{SR} bisects $\angle QST$, $\angle SQR \cong \angle STR$

Prove: $\triangle QSR \cong \triangle TSR$



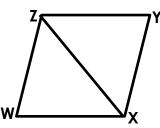
Statements	Reasons





Given: $\angle XWZ \cong \angle XYZ, \overline{XZ}$ bisects $\angle WXY$

Prove: $\triangle XWZ \cong \triangle XYZ$



Statements	Reasons



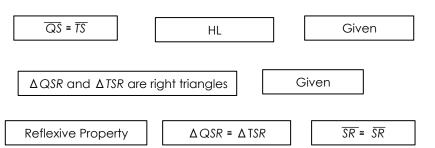




Given: $\triangle QSR$ and $\triangle TSR$ are right triangles, $\overline{QS} \cong \overline{TS}$

Prove: $\triangle QSR \cong \triangle TSR$

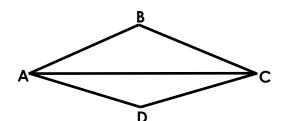
Q R T	
Statements	Reasons





Given: \overline{AC} bisects $\angle BAD$, \overline{AC} bisects $\angle BCD$

Prove: $\triangle BAC \cong \triangle DAC$



Statements Reasons	
Reasons	

9