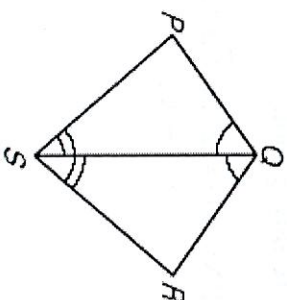


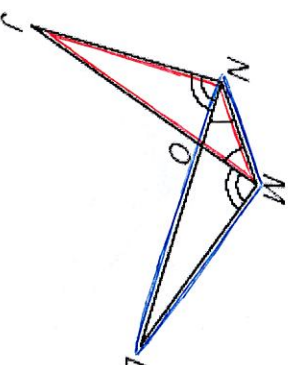
Write a flow proof.

3. GIVEN:  $\angle PQS \cong \angle RQS$   
 $\angle QSP \cong \angle QSR$   
 PROVE:  $\triangle PQS \cong \triangle RQS$



$\angle PQS \cong \angle RQS$   
 $\angle QSP \cong \angle QSR$   
 GIVEN  
 $\overline{QS} \cong \overline{QS}$   
 Reflexive  
 $\triangle PQS \cong \triangle RQS$   
 ASA  $\cong$  Post

4. GIVEN:  $\angle OMN \cong \angle ONM$   
 $\angle LMO \cong \angle JNO$   
 PROVE:  $\triangle MJN \cong \triangle NLM$



$\angle OMN \cong \angle ONM$   
 GIVEN  
 $m\angle OMN = m\angle ONM$   
 Def of  $\cong$   $\angle$ 's  
 $\angle LMO \cong \angle JNO$   
 GIVEN  
 $m\angle LMO = m\angle JNO$   
 Def of  $\cong$   $\angle$ 's  
 $m\angle OMN + m\angle LMO = m\angle ONM + m\angle JNO$   
 Addition  
 $m\angle LMN = m\angle LMN$   
 Angle Add. Post  
 $m\angle JNM \cong m\angle LMN$   
 Subst.  
 $\angle JNM \cong \angle LMN$   
 Def of  $\cong$   $\angle$ 's  
 $\overline{NM} \cong \overline{NM}$   
 Refl. Prop.  
 $\triangle MJN \cong \triangle NLM$   
 ASA  $\cong$  Post