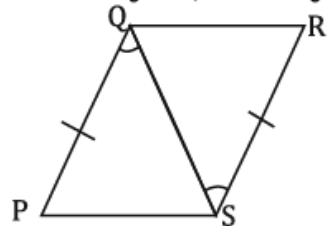


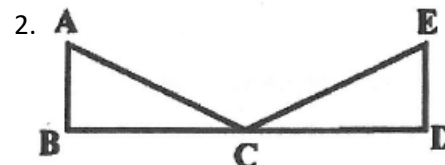
Fill in the missing statements or reasons.

1. Given: $\overline{PQ} \cong \overline{RS}$, and $\angle PQS \cong \angle RSQ$



Prove: $\triangle PQS \cong \triangle RSQ$

Statements	Reasons
1.	1. Given
2.	2. Given
3. $\overline{QS} \cong \overline{QS}$	3.
4. $\triangle PQS \cong \triangle RSQ$	4.



Given: $\overline{AB} \cong \overline{ED}$

C is midpoint \overline{BD}

$\overline{AB} \perp \overline{BD}$, $\overline{ED} \perp \overline{BD}$

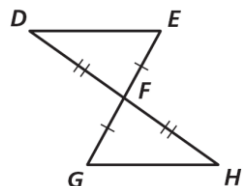
Prove: $\triangle ABC \cong \triangle EDC$

Statements	Reasons
$\overline{AB} \cong \overline{ED}$	1. Given
C is midpoint \overline{BD}	
1. $\overline{AB} \perp \overline{BD}$, $\overline{ED} \perp \overline{BD}$	
2. $\angle B$ and $\angle D$ are right angles	2.
3.	3. definition of midpoint
4.	4. All right angles are congruent.
5. $\triangle ABC \cong \triangle EDC$	5.

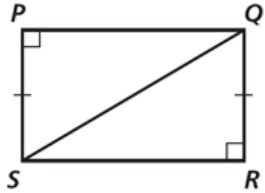
Complete a proof for each. You may write a flow proof OR a two-column proof.

3. Given: $\overline{EF} \cong \overline{FG}$, $\overline{DF} \cong \overline{FH}$

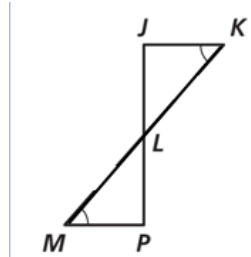
Prove: $\triangle DFE \cong \triangle HFG$



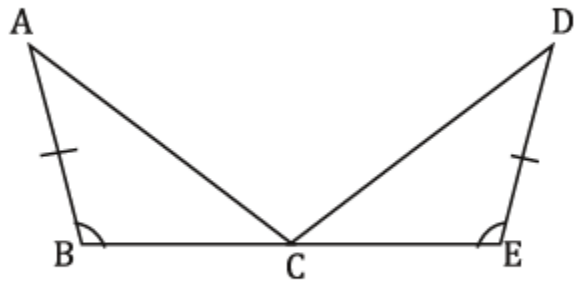
4. Given: $\angle P$ and $\angle R$ are right angles, $\overline{PS} \cong \overline{QR}$
 Prove: $\triangle PQS \cong \triangle RSQ$



5. Given: $\angle K \cong \angle M$; L is the midpoint of \overline{MK} .
 Prove: $\triangle JKL \cong \triangle PML$



6. Given: C is the midpoint of \overline{BE} , $\angle B \cong \angle E$, and $\overline{AB} \cong \overline{DE}$



Prove: $\triangle ABC \cong \triangle DEC$