

Name:

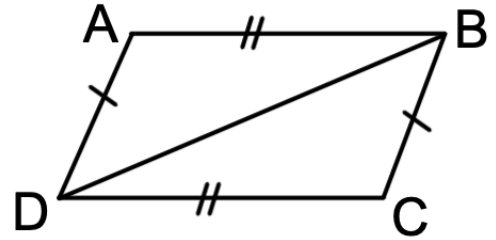
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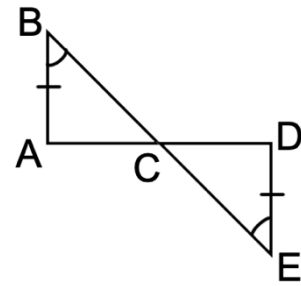
Advanced Geometry  
WS PC #2 Review – Unit 5

Write a proof for each.

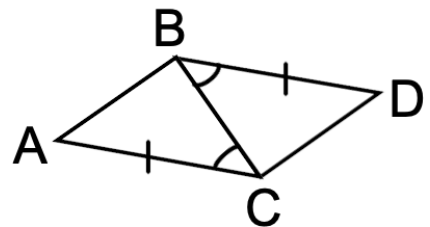
1. Given:  $\overline{AD} \cong \overline{CB}$ ,  $\overline{AB} \cong \overline{CD}$   
Prove:  $\triangle ABD \cong \triangle CDB$



2. Given:  $\overline{AB} \cong \overline{DE}$ ,  $\angle ABC \cong \angle DEC$   
Prove:  $\triangle ABC \cong \triangle DEC$

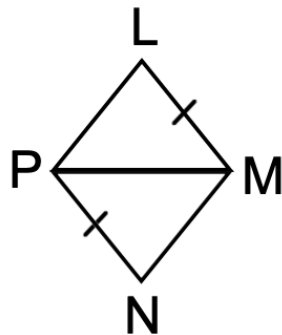


3. Given:  $\overline{AC} \cong \overline{DB}$ ,  $\angle ACB \cong \angle DBC$   
Prove:  $\angle A \cong \angle D$

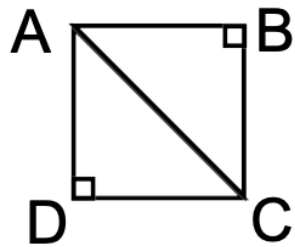


What additional information is needed that cannot be concluded from the picture to prove the triangles are congruent by the given angle congruence theorem?

4. SSS



5. HL



6. AAS

