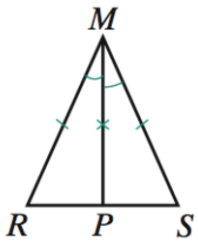
Name :_____ **Date:** _____

CC Geometry

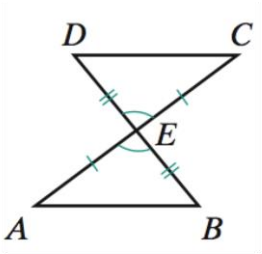
CPCTC and Triangle Proofs Homework

In each figure: ***(a)*** *Name two triangles that are congruent*
(b) *State the reason why the triangles are congruent*
(c) *Name three additional pairs of parts that are congruent because of CPCTC*

1.



3.



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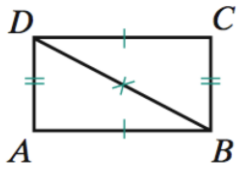
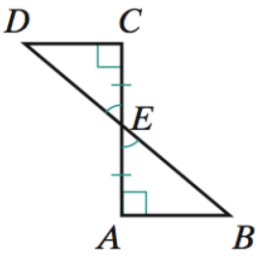
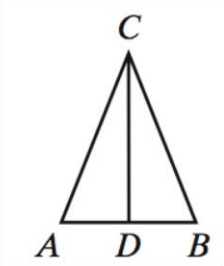


4.



5. *Given:* $\overline{CA} \cong \overline{CB}$, and D is the midpoint of $\overline{AB}$

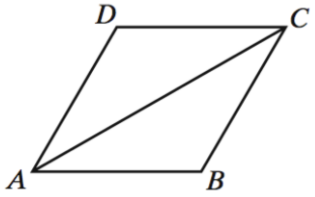
Prove: $\angle ACD \cong \angle BCD$



Statements	Reasons

6. *Given:* $\overline{AB} \cong \overline{CD}$ and $\angle CAB \cong \angle ACD$

Prove: $\overline{AD} \cong \overline{CB}$



Statements	Reasons