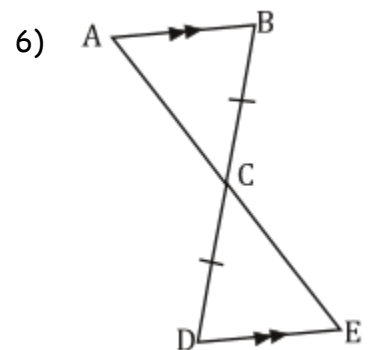
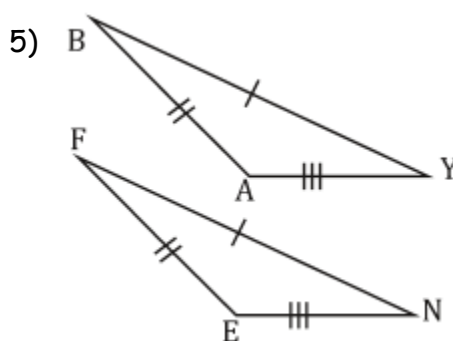
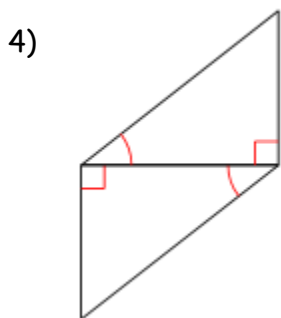
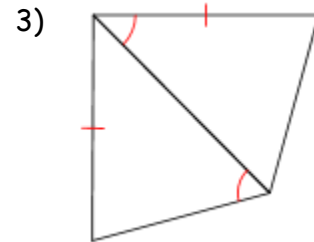
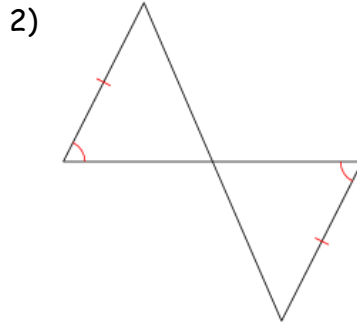
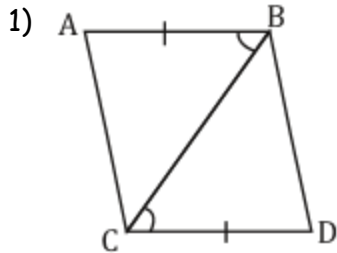


Name: _____

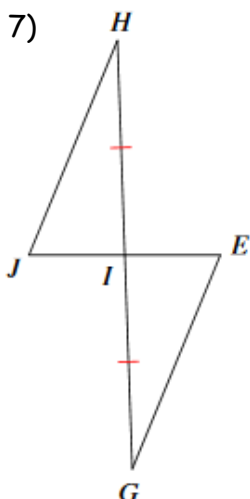
Date: _____

Quiz 3-2 Review Sheet – Congruent Triangles & CPCTC

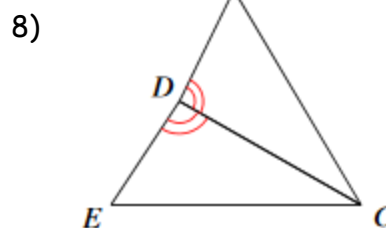
State the postulate or theorem you can use to prove the triangles congruent. If you can prove the triangles congruent, write the triangle congruence statement (when given vertices). If you cannot prove the triangles congruent, write not possible.



Determine what other information you need to prove the two triangles congruent using the specified method and write it in the form of a congruence statement. Then write a congruence statement for the triangles.



Method: **SAS**
 Missing: _____
 Triangle \cong Statement:

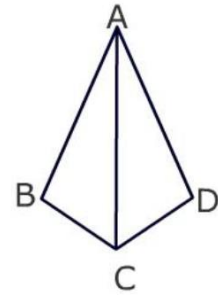


Method: **AAS**
 Missing: _____
 Triangle \cong Statement:

Complete the following proofs.

9) Given: $\overline{AB} \cong \overline{AD}$, $\angle BAC \cong \angle DAC$

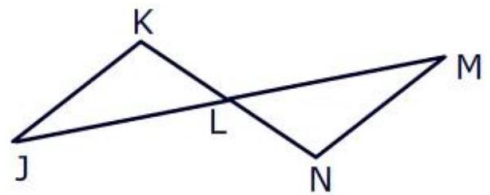
Prove: $\angle B \cong \angle D$



Statements	Reasons

10) Given: \overline{KN} bisects \overline{JM} , $\overline{JK} \parallel \overline{NM}$

Prove: $\triangle JKL \cong \triangle MNL$



Statements	Reasons

* If you want to name 2 right angles at the intersection of a set of perpendicular lines, what has to be your reason?