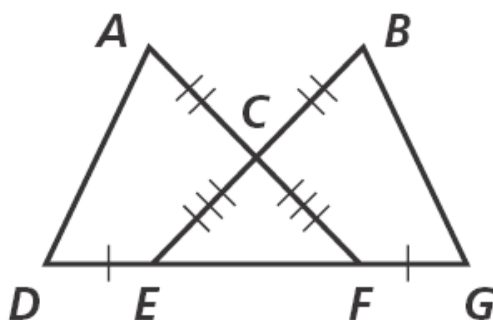


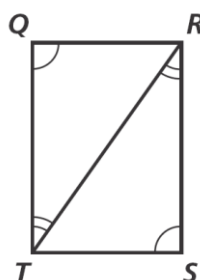
Name: \_\_\_\_\_

## The SAS, ASA and SSS Postulates

A) 1) Identify the congruent triangles, use correct names, and then name all corresponding parts



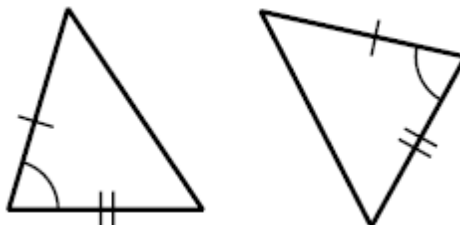
B) Given:  $\angle TQR \cong \angle RST$ ;  $\angle TRS \cong \angle RTQ$



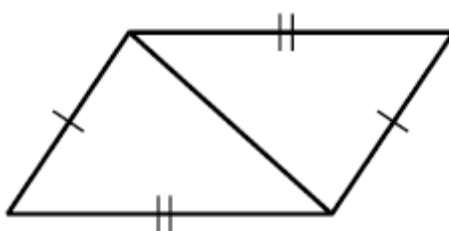
2) Prove  $\triangle QRT \cong \triangle STR$

C) Determine which postulate can be used to prove that the triangles are congruent. If it is not possible to prove that they are congruent, write *not possible*.

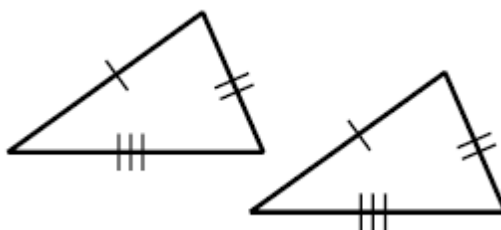
3)



4)

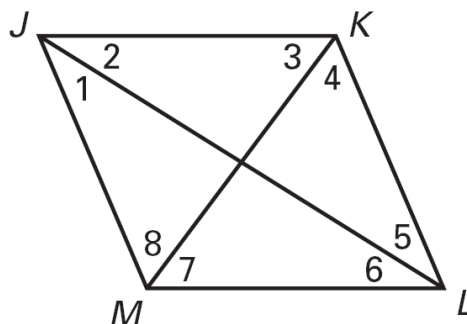


5)



D) Given:  $\overline{JL}$  bisects both  $\angle KJM$  and  $\angle KLM$

$\overline{KM}$  bisects  $\angle JKL$  and  $\angle JML$



6) Name two pairs of triangles that can be proved congruent.

7) Write a “statements – reasons” table to prove your answers to part (a)