

Name _____

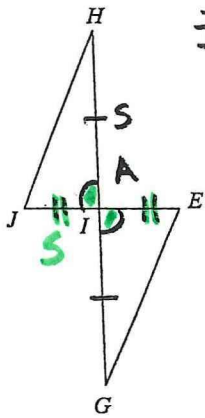
Packet #2
△ Congruence

Date _____
Per. _____

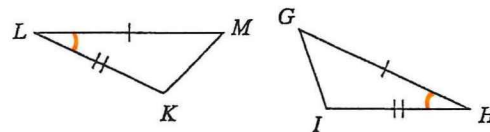
State what additional information is required in order to know that the triangles are congruent for the reason given.

11) SAS

$\angle HIJ \cong \angle GIE$ VA
 $\overline{IJ} \cong \overline{IE}$
 $\triangle HJI \cong \triangle GEI$ SAS

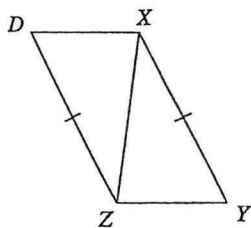


12) SAS

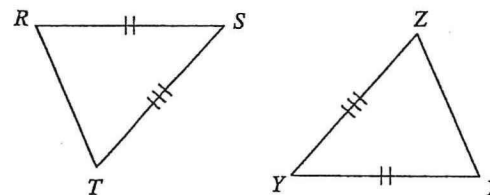


$\angle L \cong \angle H$
 $\triangle LMK \cong \triangle HGI$ SAS

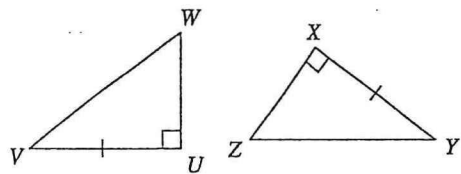
13) SSS



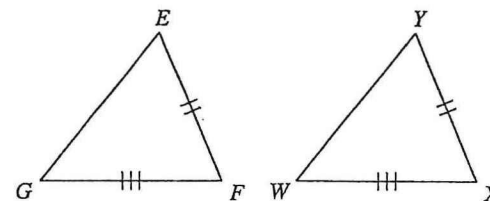
14) SSS



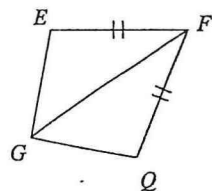
15) SAS



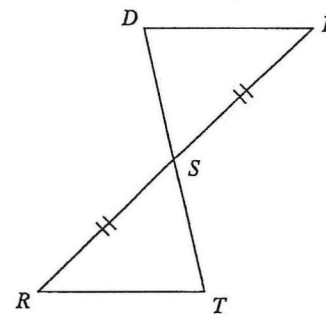
16) SSS



17) SAS

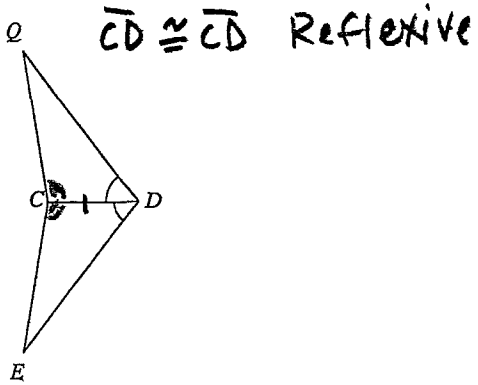


18) SAS

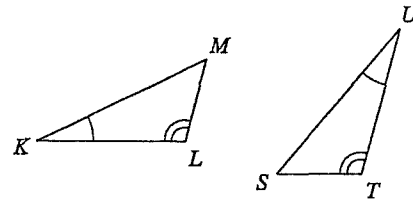


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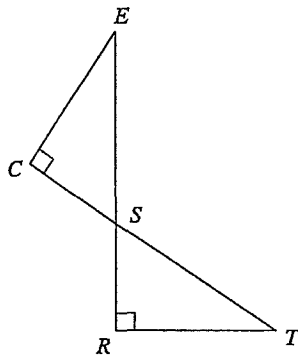
11) ASA



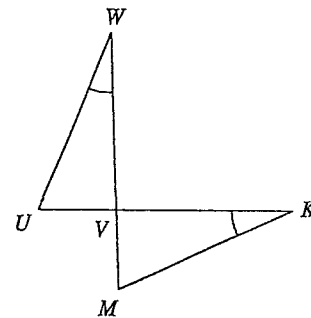
12) ASA



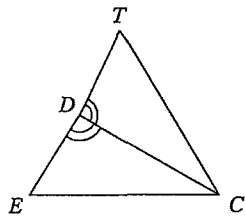
13) ASA



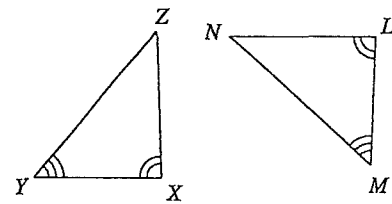
14) ASA



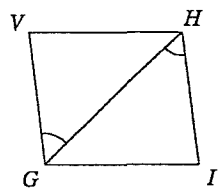
15) AAS



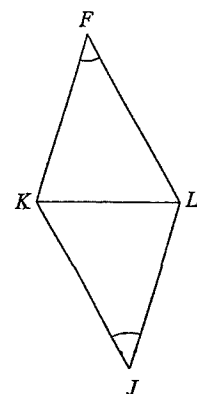
16) AAS



17) ASA

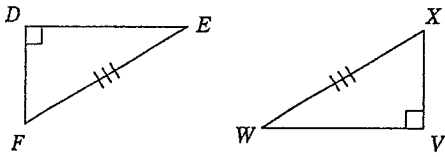


18) AAS

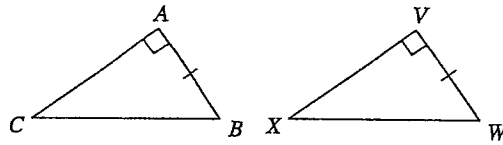


State what additional information is required in order to know that the triangles are congruent for the reason given.

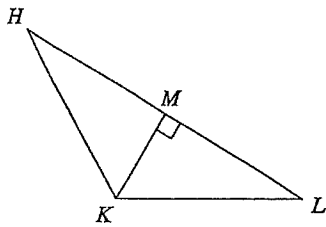
11) HL



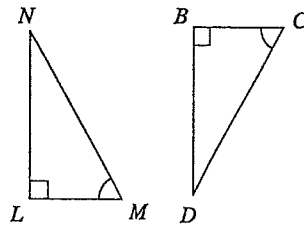
12) SAS



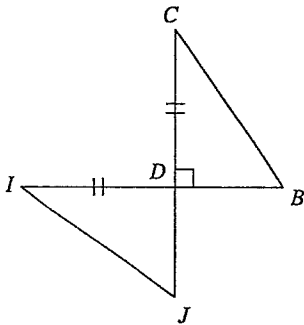
13) SAS



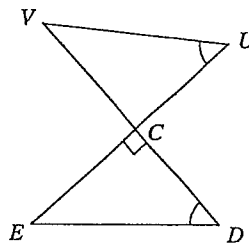
14) AAS



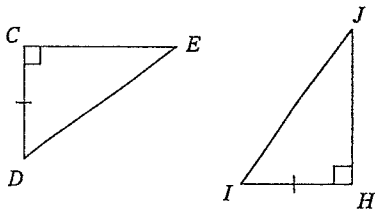
15) AAS



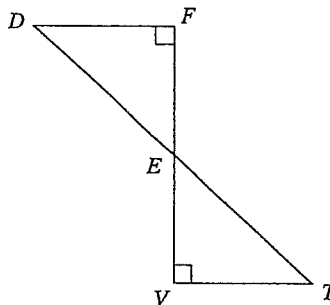
16) ASA



17) HL

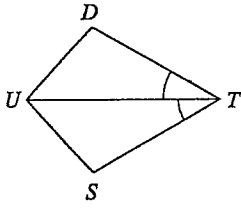


18) ASA

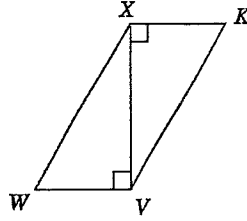


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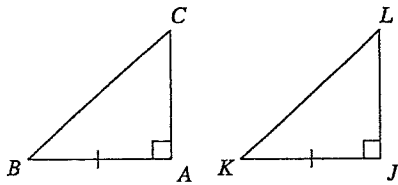
11) ASA



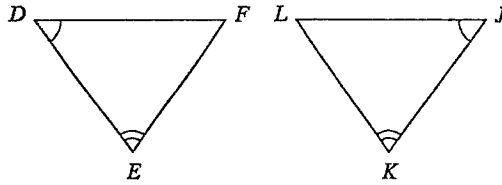
12) SAS



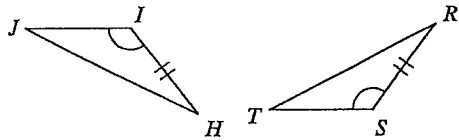
13) SAS



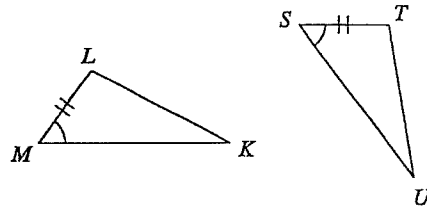
14) ASA



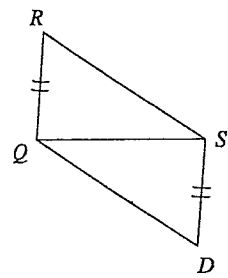
15) SAS



16) ASA



17) SSS



18) SAS

