

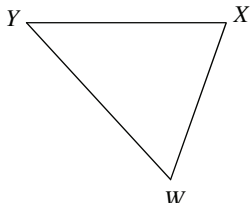
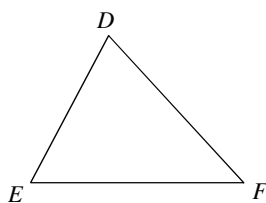
WS 4-3 Congruent Triangles Basics

Date _____ Period _____

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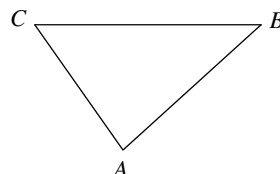
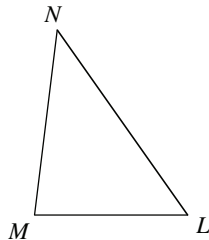
Complete each congruence statement by naming the corresponding angle or side.

1) $\triangle FED \cong \triangle YWX$



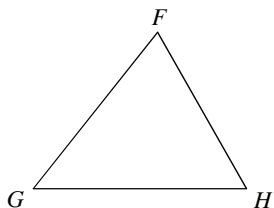
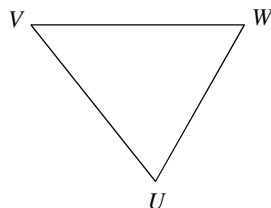
$\overline{DF} \cong ?$

2) $\triangle MNL \cong \triangle ABC$



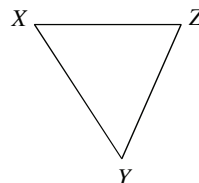
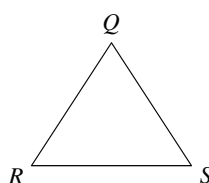
$\angle M \cong ?$

3) $\triangle UVW \cong \triangle FGH$



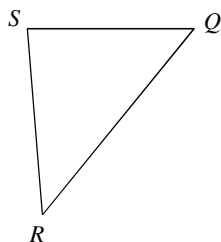
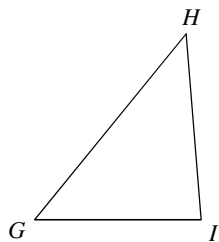
$\angle V \cong ?$

4) $\triangle SRQ \cong \triangle XYZ$



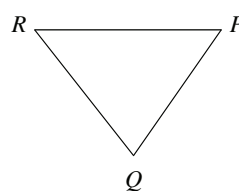
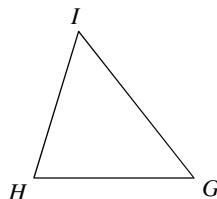
$\angle R \cong ?$

5) $\triangle GHI \cong \triangle QRS$



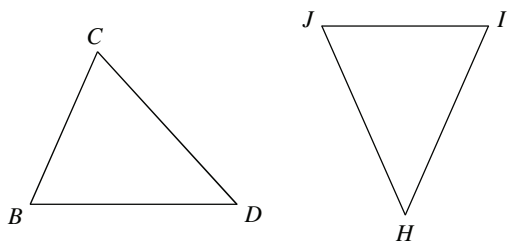
$\angle I \cong ?$

6) $\triangle GHI \cong \triangle RQP$



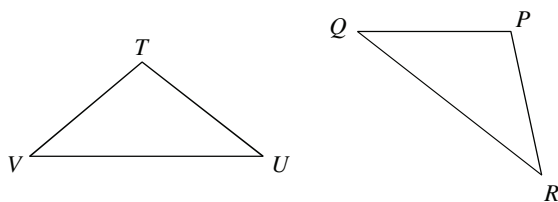
$\overline{IG} \cong ?$

7) $\triangle DBC \cong \triangle HIJ$



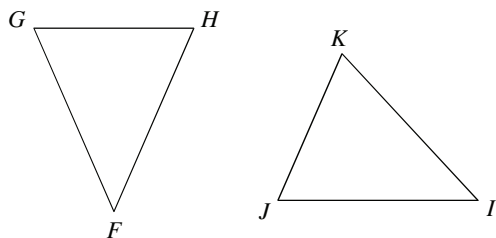
$\overline{CD} \cong ?$

8) $\triangle TUV \cong \triangle PQR$



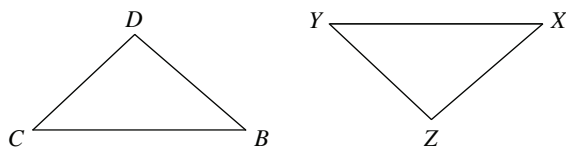
$\angle V \cong ?$

9) $\triangle FGH \cong \triangle IJK$



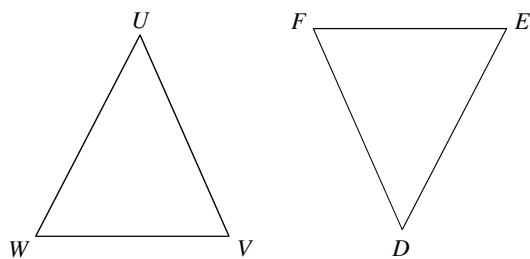
$\overline{HF} \cong ?$

10) $\triangle ABC \cong \triangle XYZ$



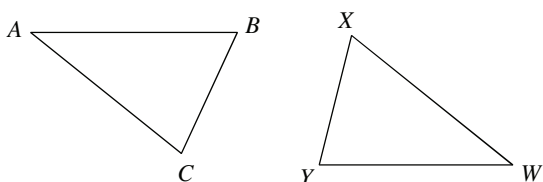
$\overline{DB} \cong ?$

11) $\triangle UVW \cong \triangle DFE$



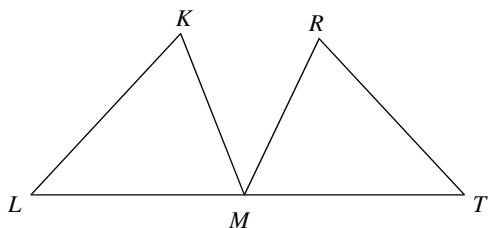
$\overline{VW} \cong ?$

12) $\triangle ABC \cong \triangle WXY$



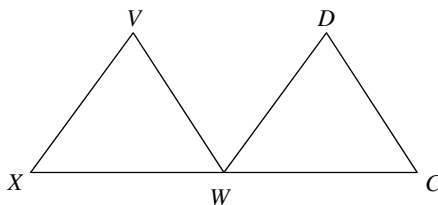
$\angle A \cong ?$

13) $\triangle LKM \cong \triangle TMR$



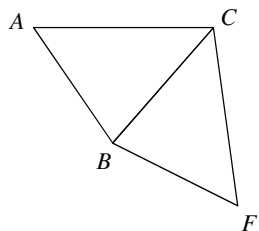
$\angle KML \cong ?$

14) $\triangle XVW \cong \triangle WDC$



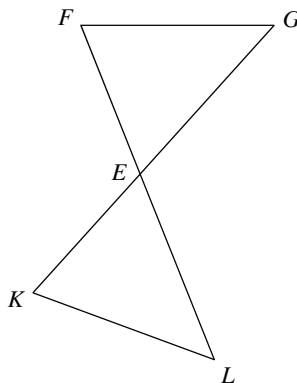
$\angle V \cong ?$

15) $\triangle CBA \cong \triangle CBF$



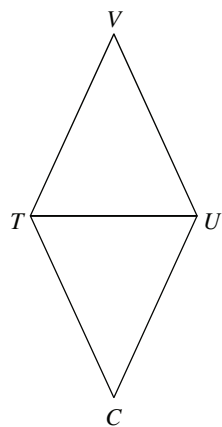
$\angle A \cong ?$

16) $\triangle EFG \cong \triangle EKL$



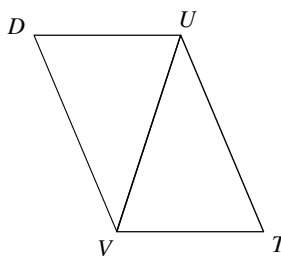
$\angle F \cong ?$

17) $\triangle UTV \cong \triangle UTC$



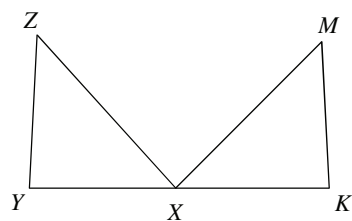
$\angle V \cong ?$

18) $\triangle VUT \cong \triangle UVD$



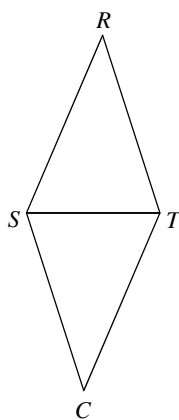
$\overline{TV} \cong ?$

19) $\triangle YZX \cong \triangle KXM$



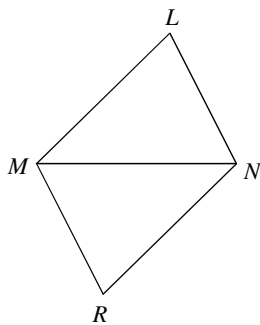
$\overline{YZ} \cong ?$

20) $\triangle TSR \cong \triangle STC$



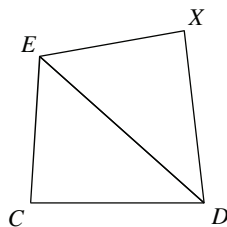
$\overline{TS} \cong ?$

21) $\triangle NML \cong \triangle MNR$



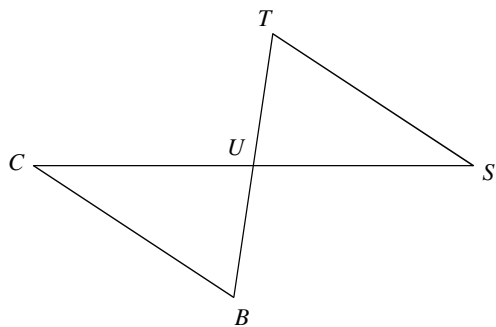
$\angle L \cong ?$

22) $\triangle EDC \cong \triangle EDX$



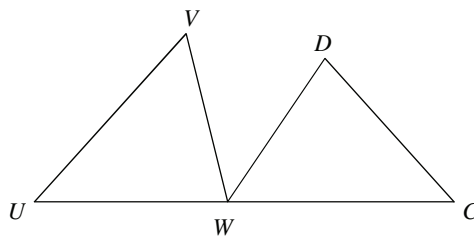
$\angle C \cong ?$

23) $\triangle UTS \cong \triangle UBC$



$\overline{SU} \cong ?$

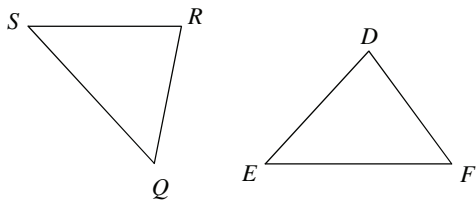
24) $\triangle UVW \cong \triangle CWD$



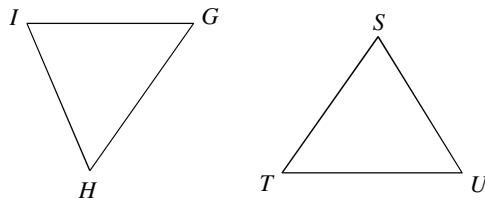
$\overline{WU} \cong ?$

Mark the angles and sides of each pair of triangles to indicate that they are congruent.

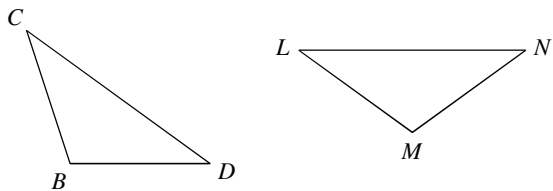
25) $\triangle QSR \cong \triangle FED$



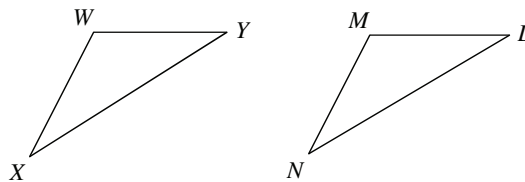
26) $\triangle GHI \cong \triangle TUS$



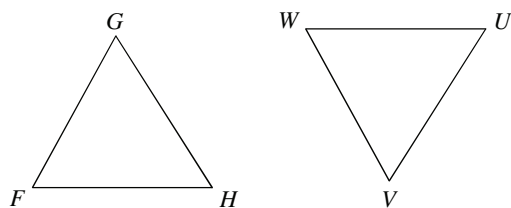
27) $\triangle DBC \cong \triangle LMN$



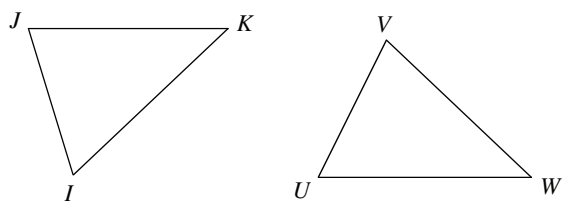
28) $\triangle YXW \cong \triangle NLM$



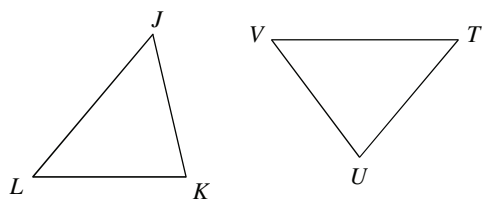
29) $\triangle HFG \cong \triangle UVW$



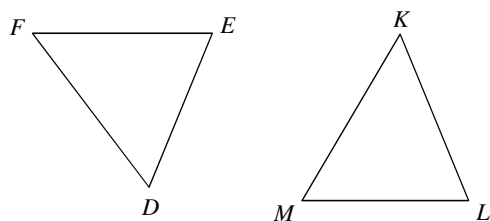
30) $\triangle IJK \cong \triangle UVW$



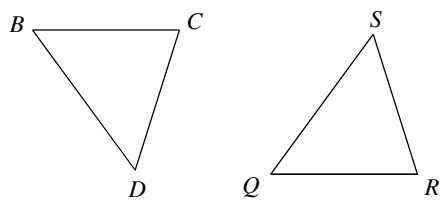
31) $\triangle JKL \cong \triangle VUT$



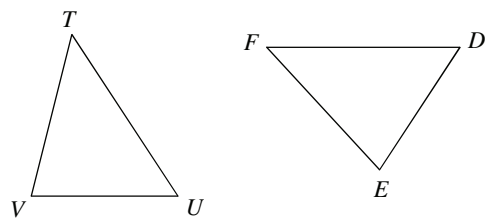
32) $\triangle FED \cong \triangle KLM$



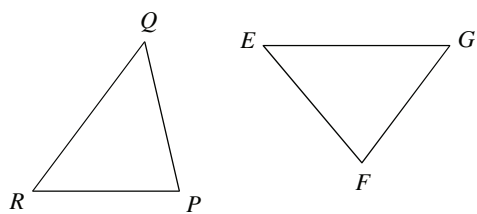
33) $\triangle ABCD \cong \triangle SRQ$



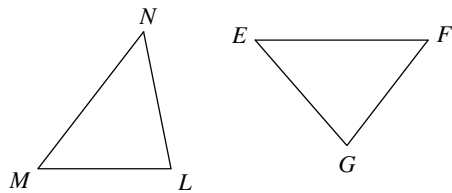
34) $\triangle TUV \cong \triangle FDE$



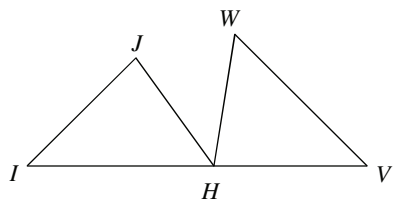
35) $\triangle QPR \cong \triangle EFG$



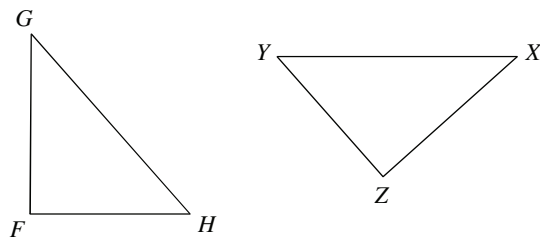
36) $\triangle LMN \cong \triangle GFE$



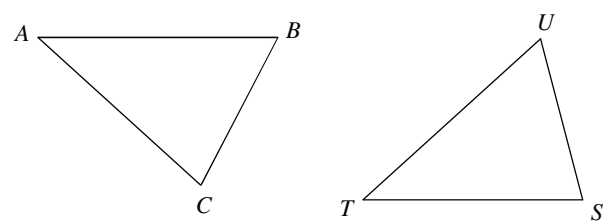
37) $\triangle IJH \cong \triangle VHW$



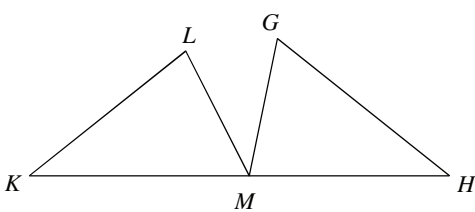
38) $\triangle GHF \cong \triangle XYZ$



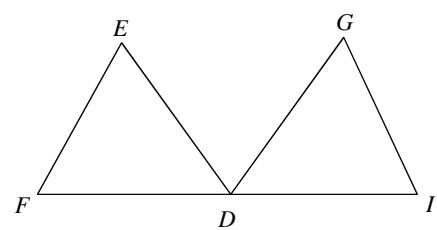
39) $\triangle CAB \cong \triangle STU$



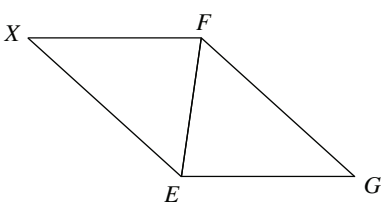
40) $\triangle KLM \cong \triangle HMG$



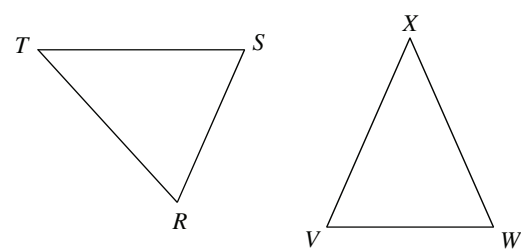
41) $\triangle FED \cong \triangle GID$



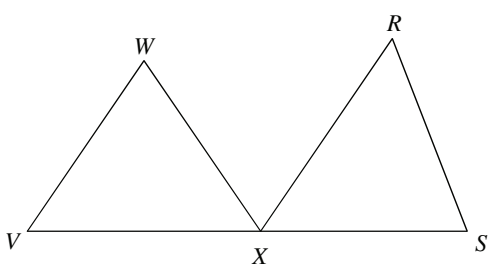
42) $\triangle EFG \cong \triangle FEX$



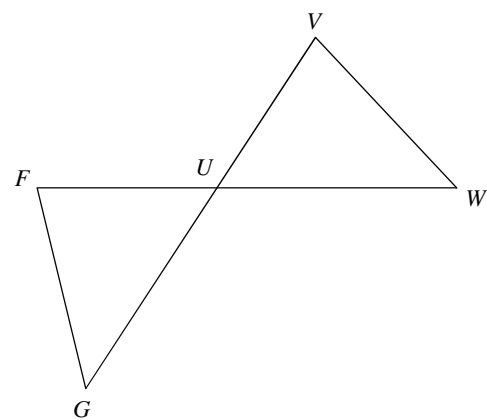
43) $\triangle TSR \cong \triangle XWV$



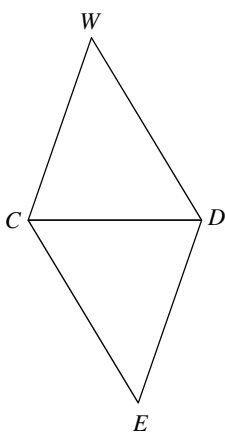
44) $\triangle VWX \cong \triangle RSX$



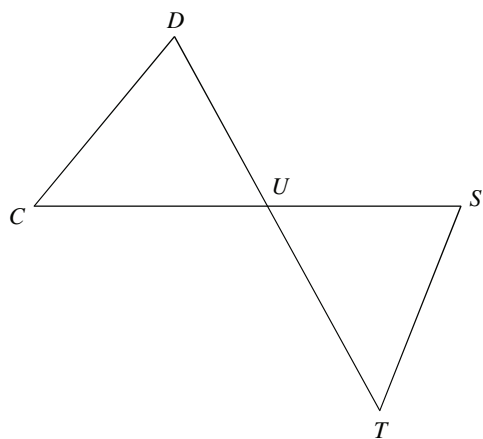
45) $\triangle UVW \cong \triangle UFG$



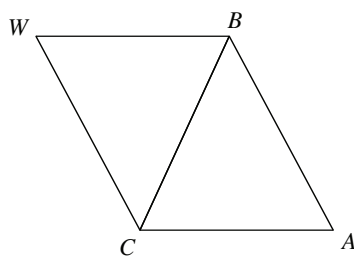
46) $\triangle CDE \cong \triangle DCW$



47) $\triangle UST \cong \triangle UDC$

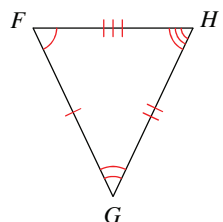
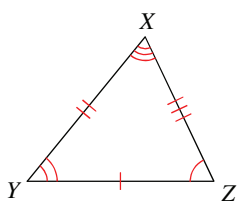


48) $\triangle CBA \cong \triangle BCW$

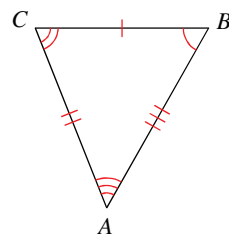
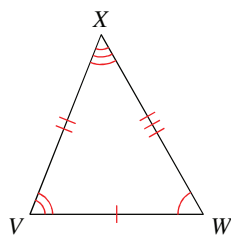


Write a statement that indicates that the triangles in each pair are congruent.

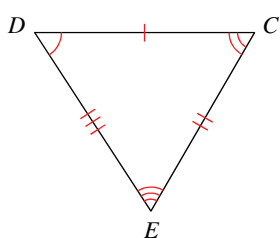
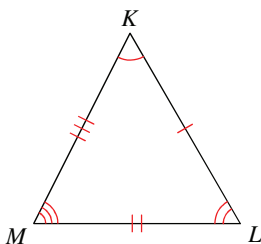
49)



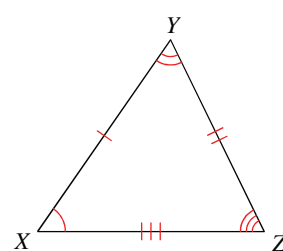
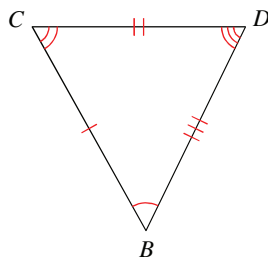
50)



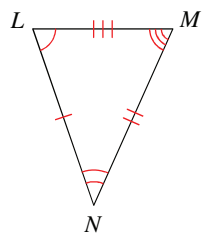
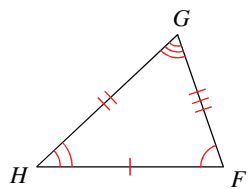
51)



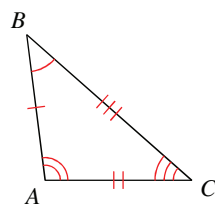
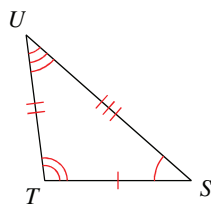
52)



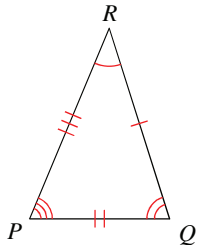
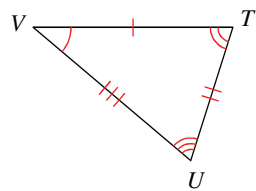
53)



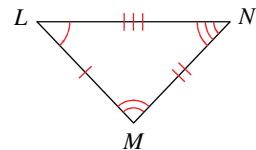
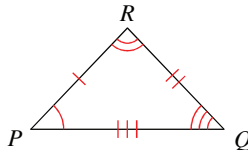
54)



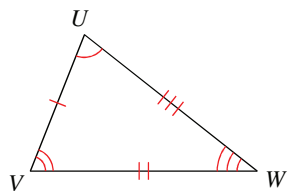
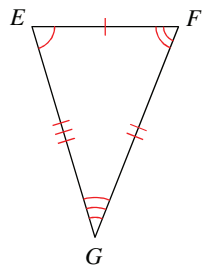
55)



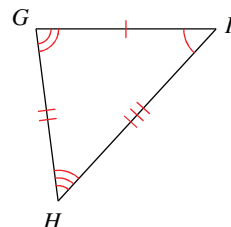
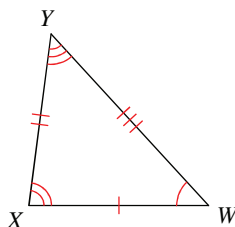
56)



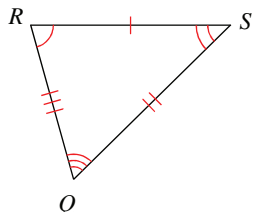
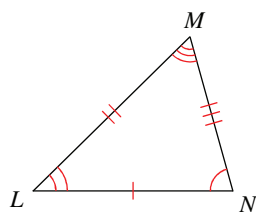
57)



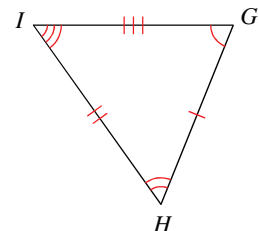
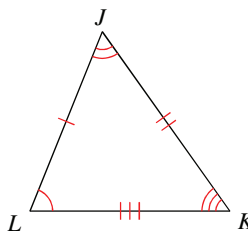
58)



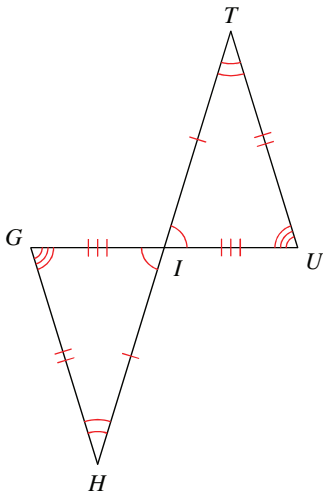
59)



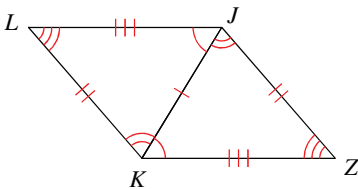
60)



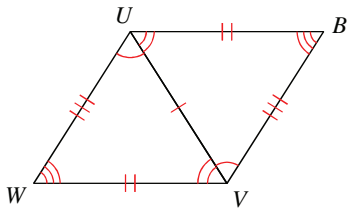
61)



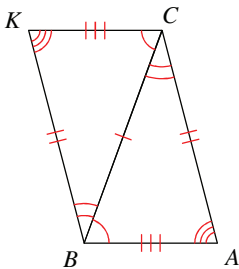
62)



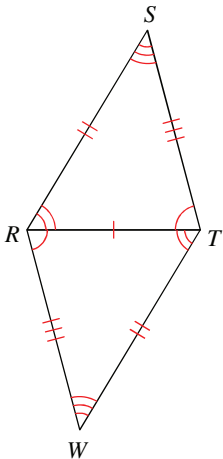
63)



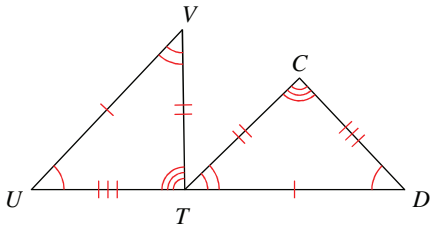
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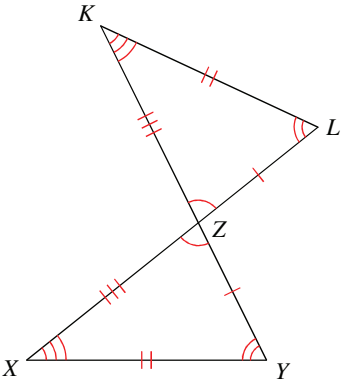
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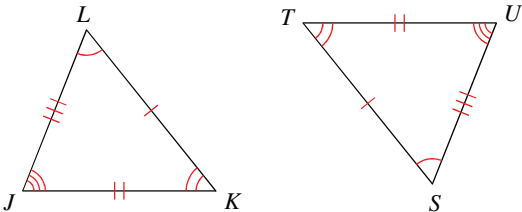
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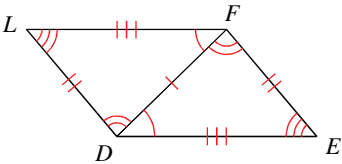
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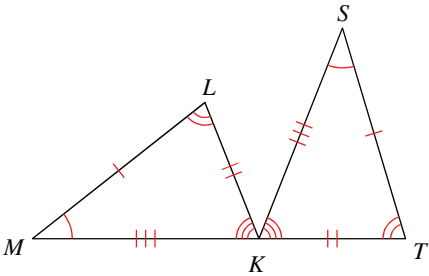
68)



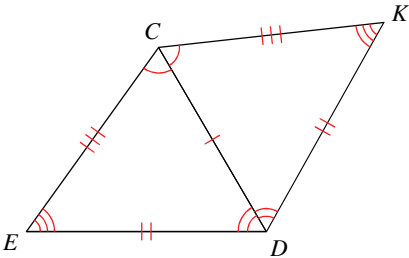
69)



70)



71)



72)

