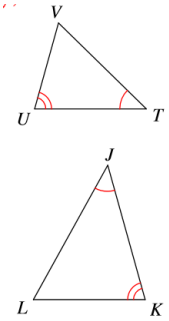
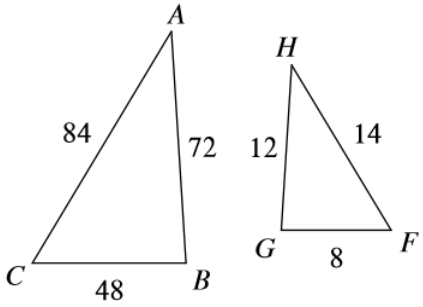
GSE Geometry Similarity Review Name: _____ Block: __

Use the given information below to determine which similarity statement can be used to show that the triangles are similar. (AA, SAS, SSS)

1.



2.



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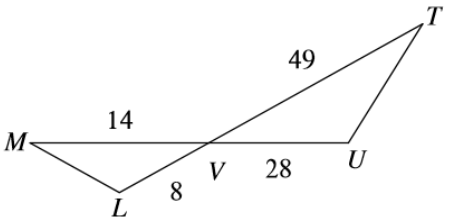
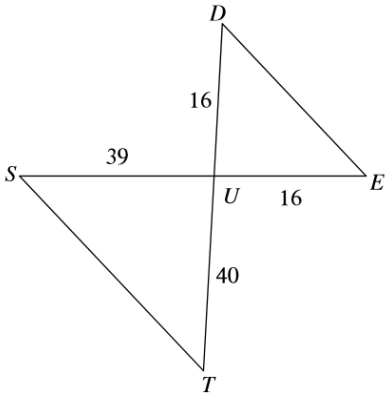


4.



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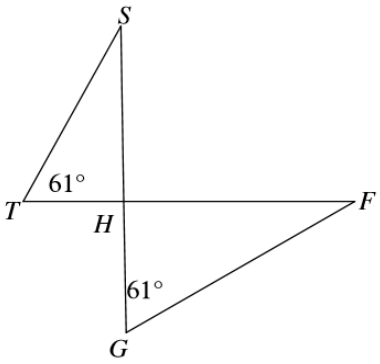

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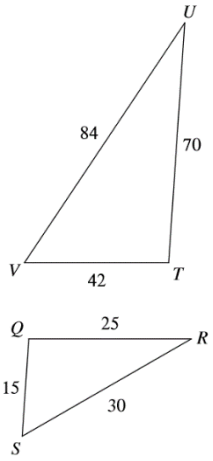
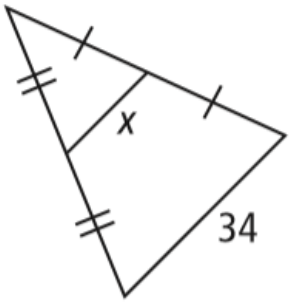
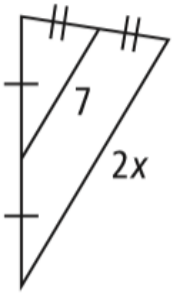


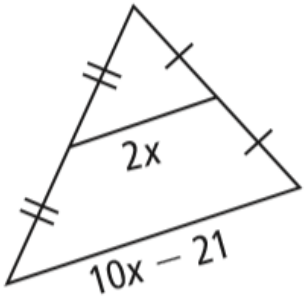
7. Find x.



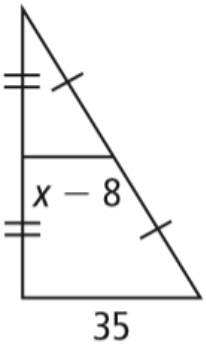
8. Find x.



9.

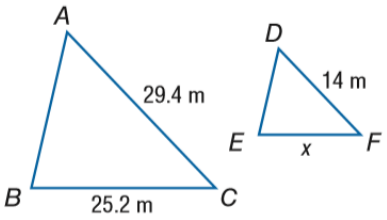


10.

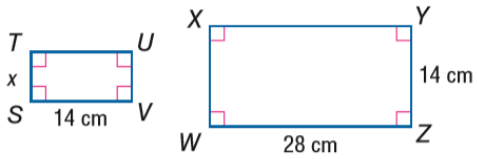


Find the value of x in each pair of similar figures.

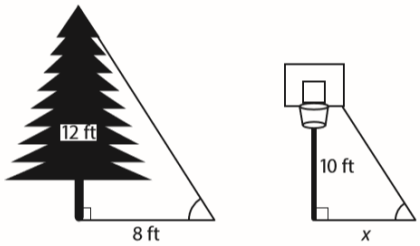
11.



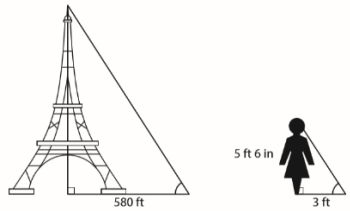
12.



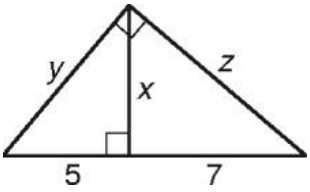
13. At a certain time of day, a tree that is 12 feet tall casts a shadow that is 8 feet long. Find the length of the shadow that is created by a 10-foot-tall basketball hoop at the same time of day.



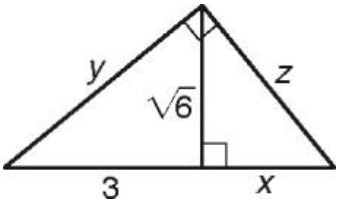
14. Sheila is standing near the Eiffel Tower in Paris, France. The shadow of the monument is 580 feet long, and Sheila's shadow is 3 feet long. If Sheila is 5 feet 6 inches tall, how tall is the monument?



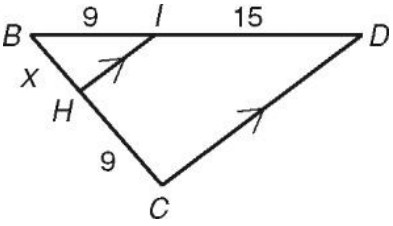
15. Find the value of x.



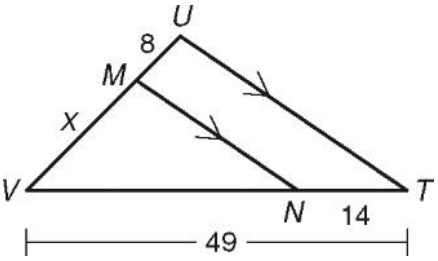
16. Find the value of x.



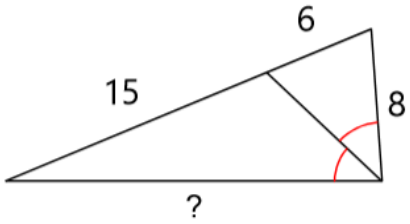
17. Solve for x.



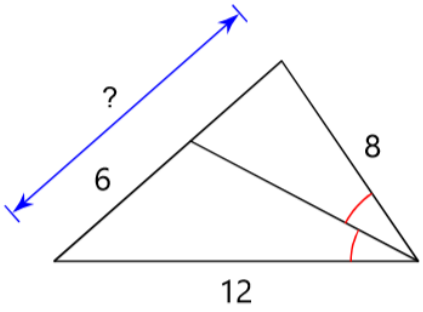
18. Solve for MV.



19. Solve for (?).

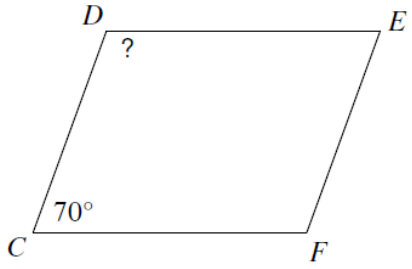


20. Solve for (?).

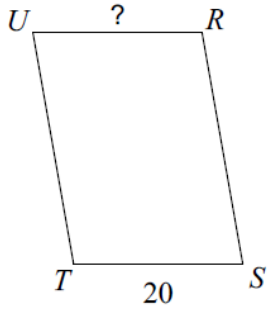


Parallelograms Extra Practice 2 Name: _____ Block: ____

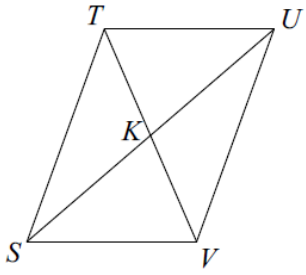
1. Find all the missing angles.



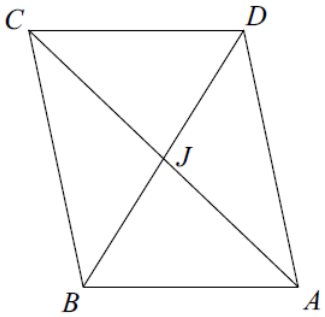
2. Find the missing side.



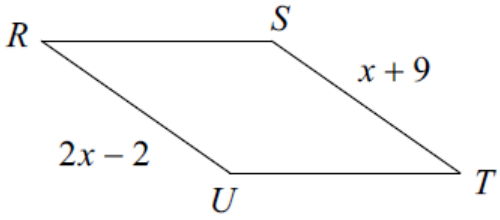
3. $TK = 6$, find KV.



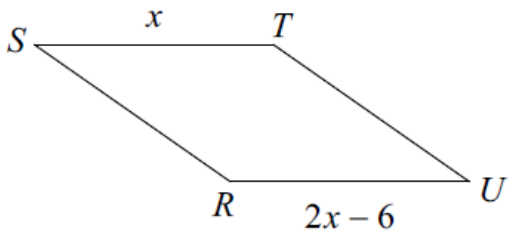
4. $BJ = x + 12, BD = x + 24$, Find BJ.



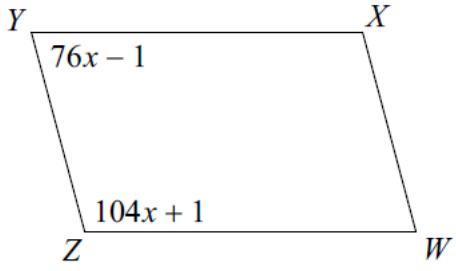
5. Solve for x.



6. Solve for x.



7. Solve for x.



8. Find $\angle E$.