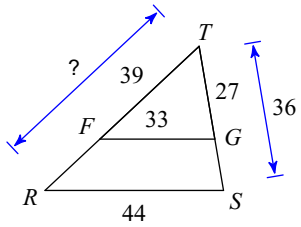
Geometry Name_____

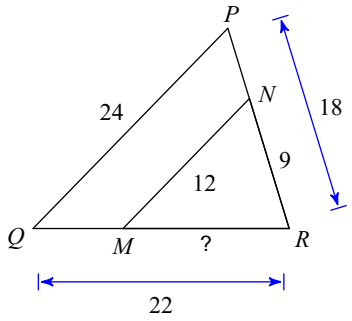
Solving missing Sides of Similar Triangles

Find the missing length. The triangles in each pair are similar.

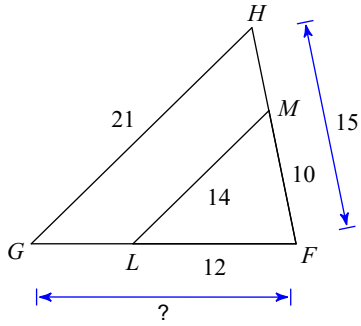
1)



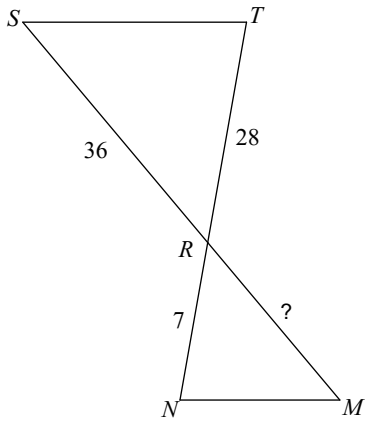
2)



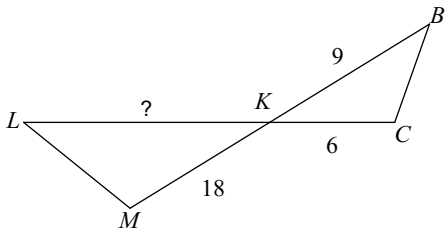
3)



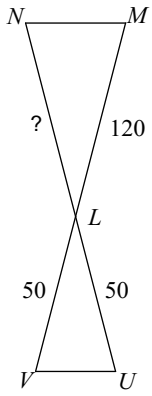
4) $\triangle RST \sim \triangle RMN$



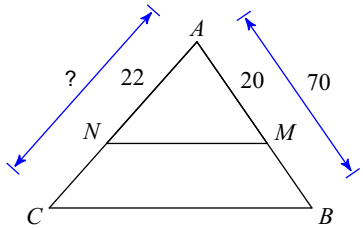
5) $\triangle KLM \sim \triangle KBC$



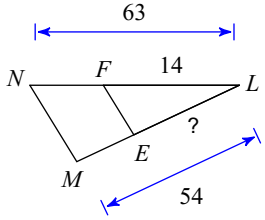
6) $\triangle LMN \sim \triangle LUV$



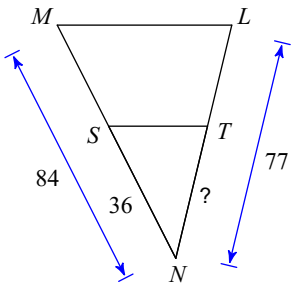
7)



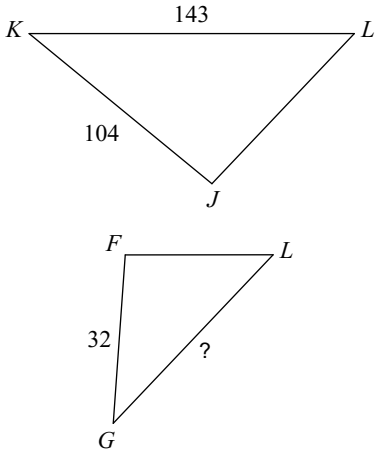
8)



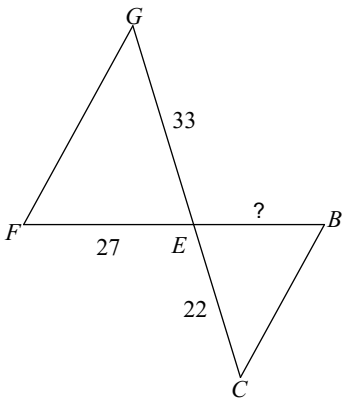
9)



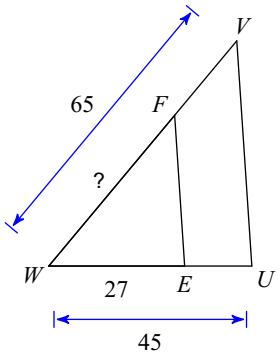
10) $\triangle LKJ \sim \triangle LGF$



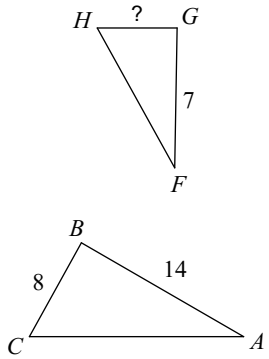
11) $\triangle EFG \sim \triangle EBC$



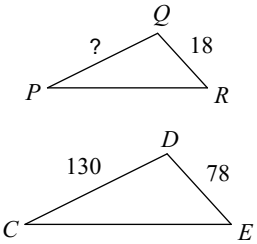
12)



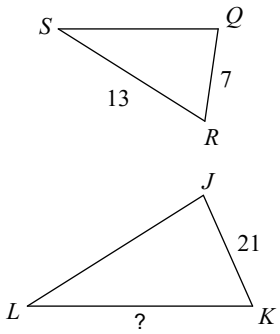
13) $\triangle CBA \sim \triangle HGF$



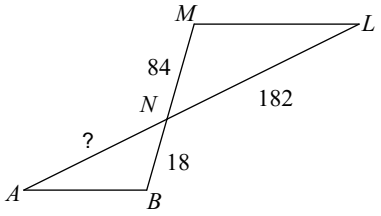
14) $\triangle CDE \sim \triangle PQR$



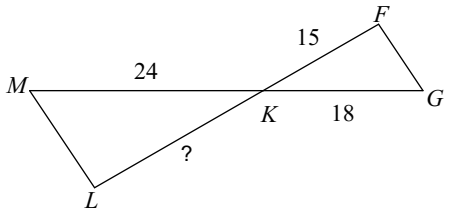
15) $\triangle JKL \sim \triangle QRS$



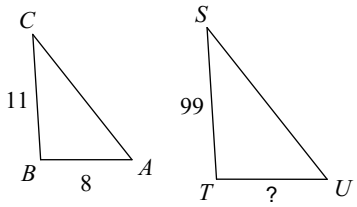
16) $\triangle NML \sim \triangle NBA$



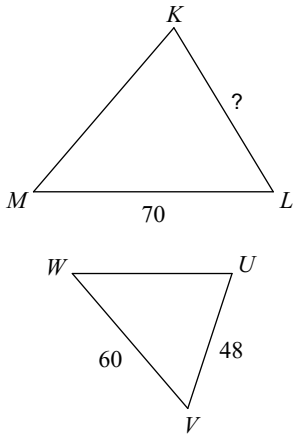
17) $\triangle KLM \sim \triangle KFG$



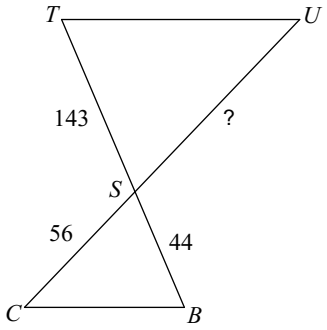
18) $\triangle UTS \sim \triangle ABC$



19) $\triangle KLM \sim \triangle UVW$

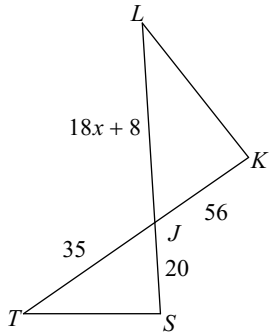


20) $\triangle STU \sim \triangle SBC$



Solve for *x*. The triangles in each pair are similar.

21)



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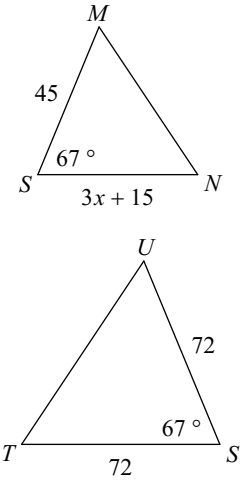

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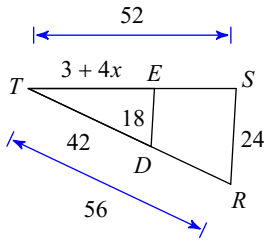
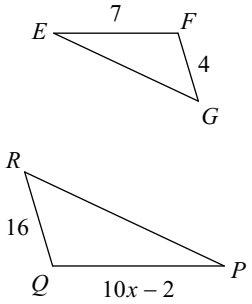


24)



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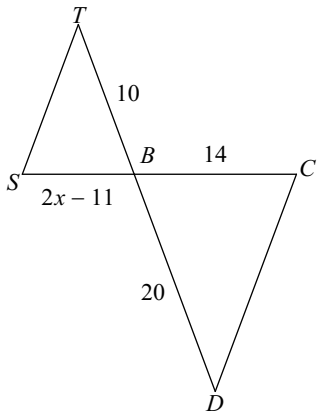
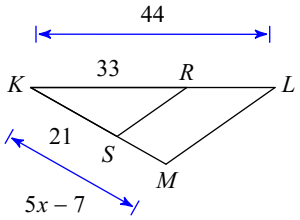
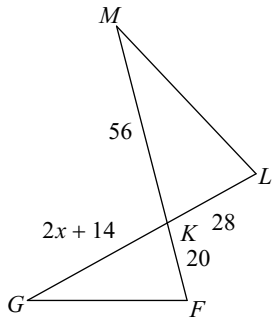


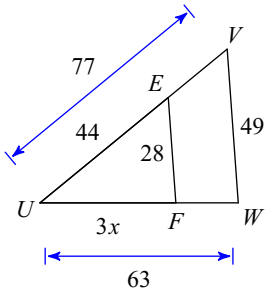
26)



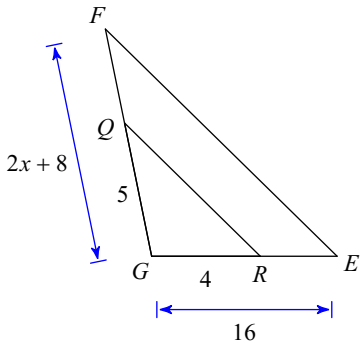
27)



28)



29)



30)