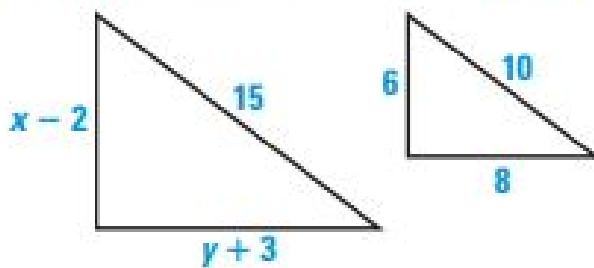
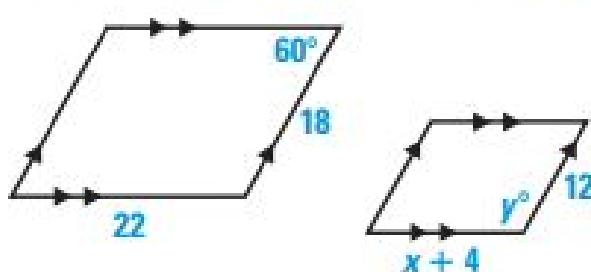


 **USING ALGEBRA** The two polygons are similar. Find the values of x and y .

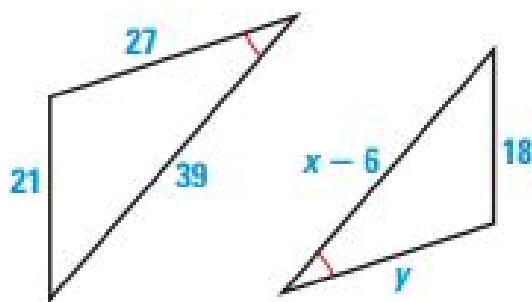
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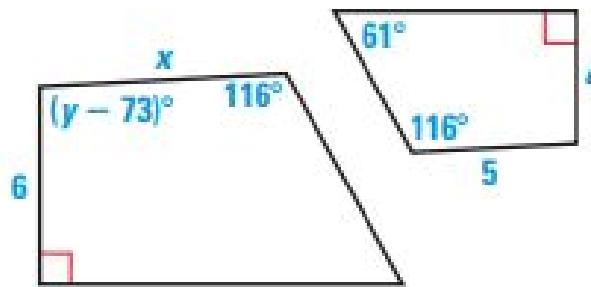
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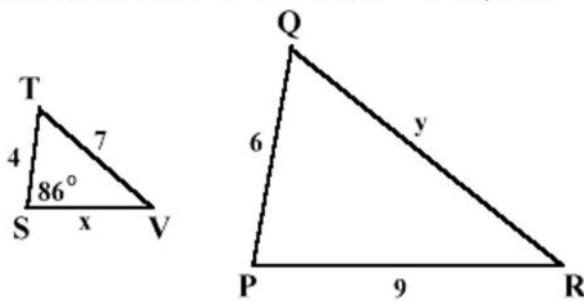
41.



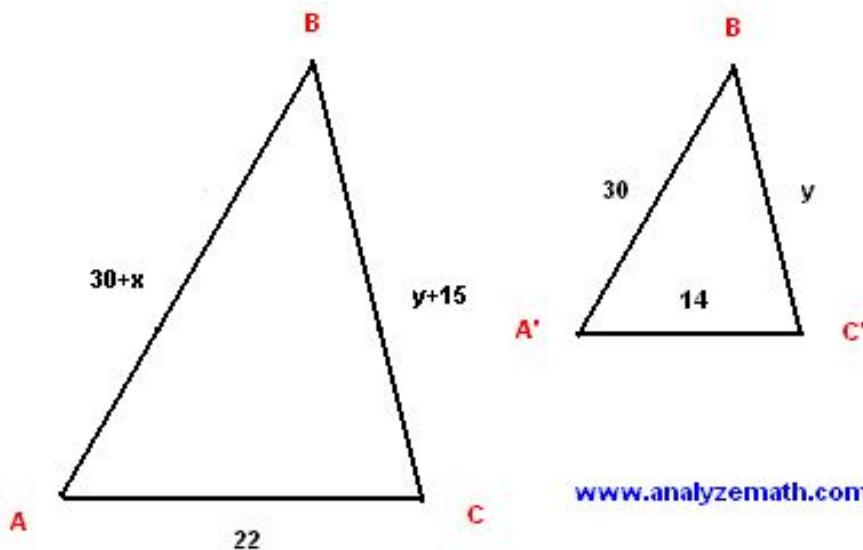
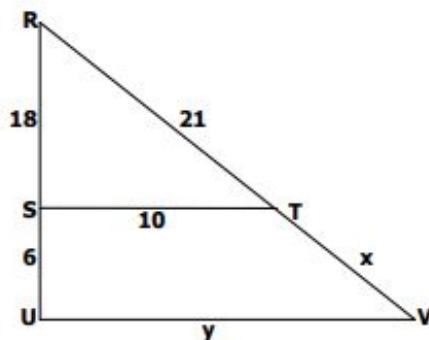
42.



Find the value of x , y , and the measure of $\angle P$ if $\triangle TSV \sim \triangle QPR$.



$\triangle RST \sim \triangle RUV$ find x and y



Can you conclude the triangles are similar? If so, write a similarity statement and name the postulate or theorem you used. If not, explain.

