

Angle Angle Similarity

State if the triangles in each pair are similar. If so, state how you know they are similar and complete the similarity statement.

1)

$\triangle QRS \sim$ _____

2)

$\triangle STU \sim$ _____

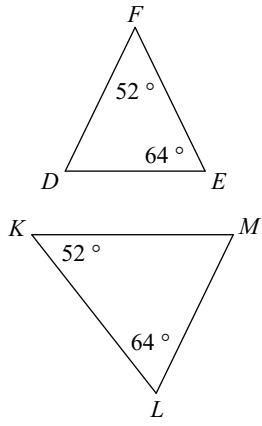
3)

$\triangle PQR \sim$ _____

4)

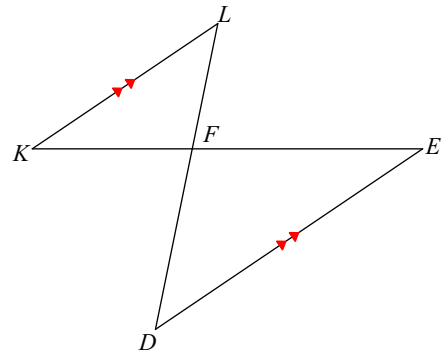
$\triangle VUT \sim$ _____

5)



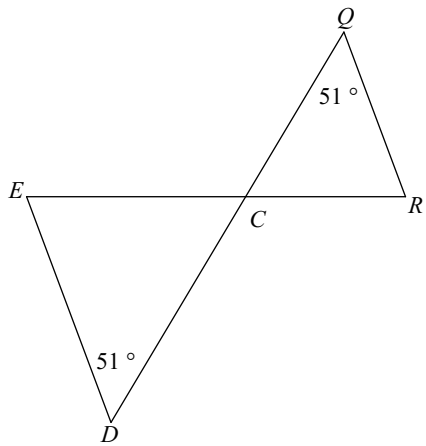
$\triangle KLM \sim$ _____

6)



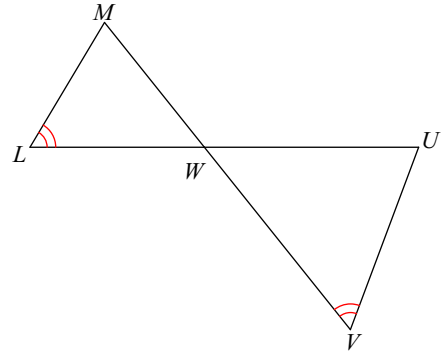
$\triangle FED \sim$ _____

7)



$\triangle CDE \sim$ _____

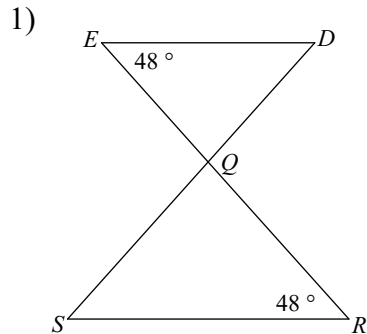
8)



$\triangle WVU \sim$ _____

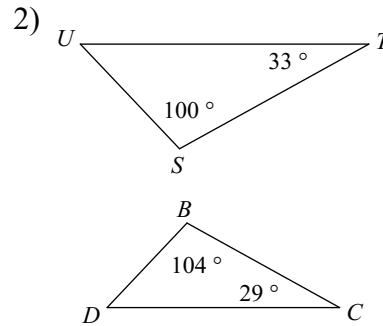
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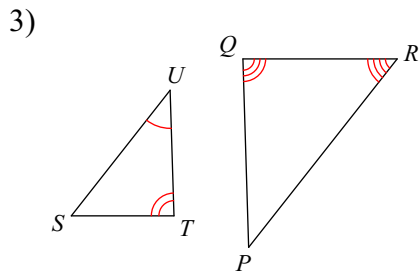
$\triangle QRS \sim$ _____

similar; AA similarity; $\triangle QED$



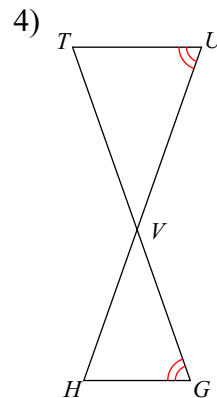
$\triangle STU \sim$ _____

not similar



$\triangle PQR \sim$ _____

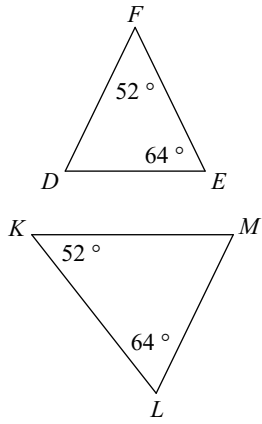
not similar



$\triangle VUT \sim$ _____

similar; AA similarity; $\triangle VGH$

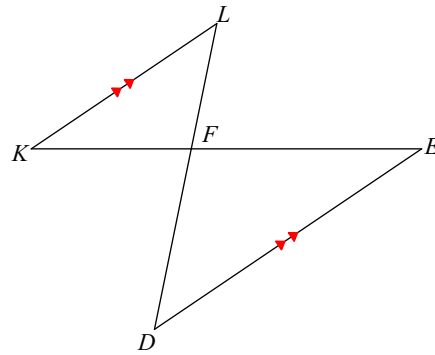
5)



$\triangle KLM \sim$ _____

similar; AA similarity; $\triangle FED$

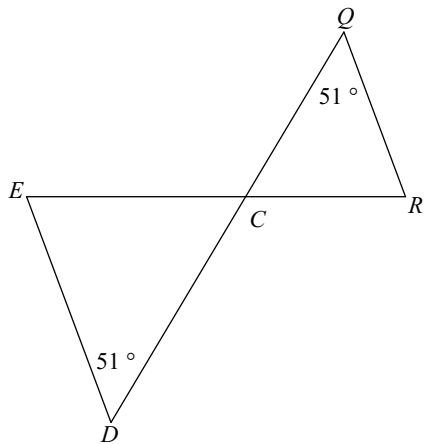
6)



$\triangle FED \sim$ _____

similar; AA similarity; $\triangle FKL$

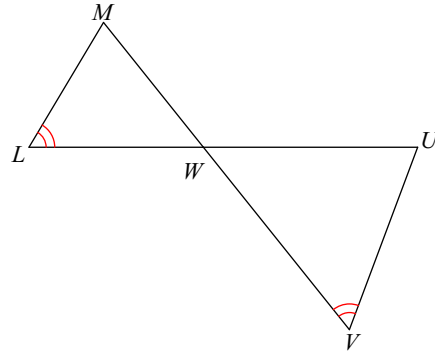
7)



$\triangle CDE \sim$ _____

similar; AA similarity; $\triangle CQR$

8)



$\triangle WVU \sim$ _____

similar; AA similarity; $\triangle WLM$