

## 6.2 Proving Similar Triangles

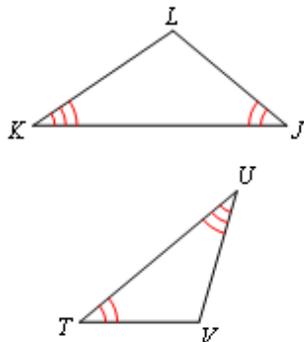
NAME: \_\_\_\_\_

### CORRECTIVE ASSIGNMENT

DATE: \_\_\_\_\_

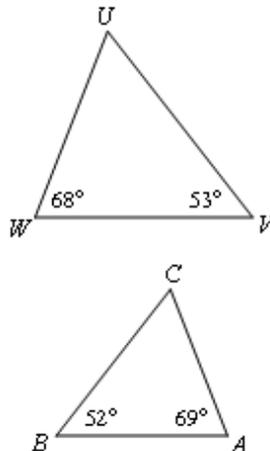
State if the triangles in each pair are similar. If so, state how you know they are similar and complete the similarity statement.

1)



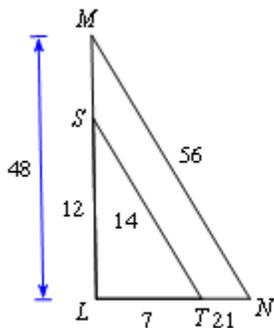
$\triangle JKL \sim$  \_\_\_\_\_

2)



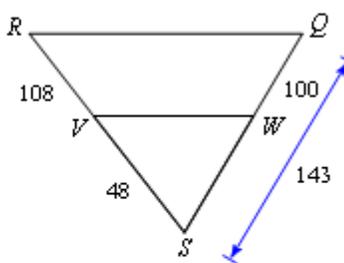
$\triangle UVW \sim$  \_\_\_\_\_

3)



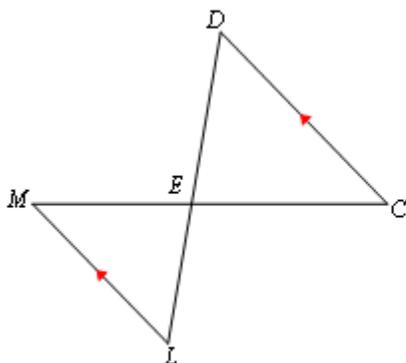
$\triangle LMN \sim$  \_\_\_\_\_

4)



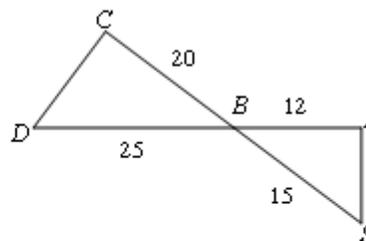
$\triangle SRQ \sim$  \_\_\_\_\_

5)



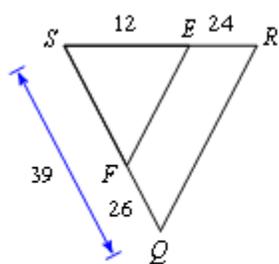
$\triangle MDE \sim$  \_\_\_\_\_

6)

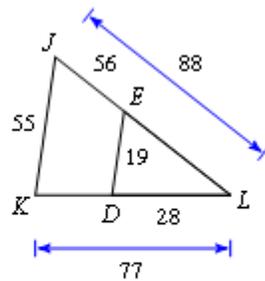


$\triangle DCB \sim$  \_\_\_\_\_

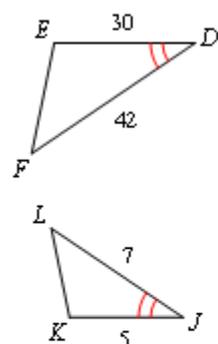
7)

 $\triangle SRQ \sim$  \_\_\_\_\_

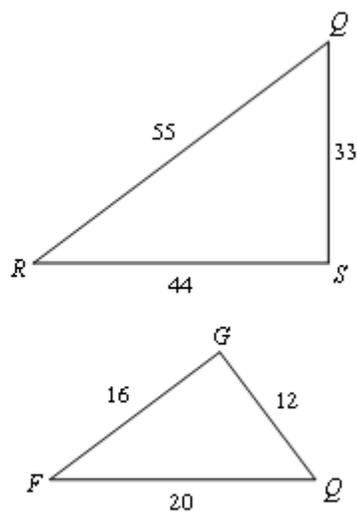
8)

 $\triangle LKJ \sim$  \_\_\_\_\_

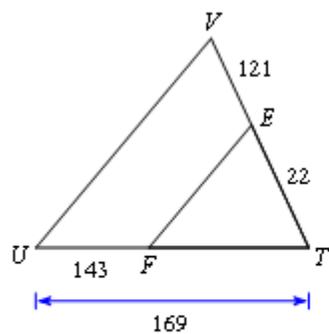
9)

 $\triangle DEF \sim$  \_\_\_\_\_

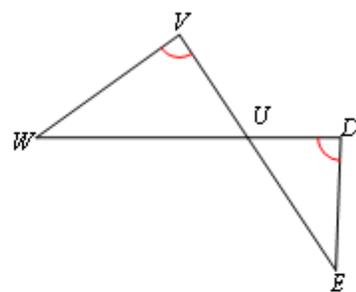
10)

 $\triangle QRS \sim$  \_\_\_\_\_

11)

 $\triangle TUV \sim$  \_\_\_\_\_

12)

 $\triangle UVW \sim$  \_\_\_\_\_

## ANSWERS TO 6.2 CORRECTIVE ASSIGNMENT!

- 1) similar, AA similarity,  $\triangle TUV$       2) not similar      3) similar, SSS similarity,  $\triangle LST$   
4) not similar      5) similar, AA similarity,  $\triangle ELM$       6) similar, SAS similarity,  $\triangle BRS$   
7) similar, SAS similarity,  $\triangle SEF$       8) not similar      9) similar, SAS similarity,  $\triangle JKL$   
10) similar, SSS similarity,  $\triangle QFG$       11) similar, SAS similarity,  $\triangle TFE$       12) similar, AA similarity,  $\triangle UDE$