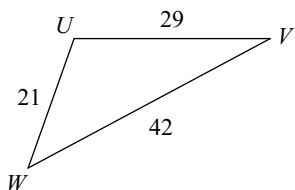
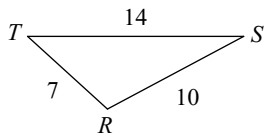


# AA, SSS, SAS Triangle Similarity

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

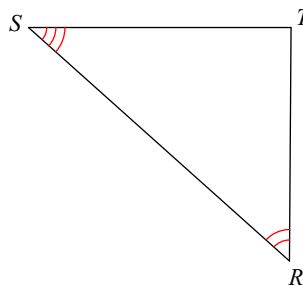
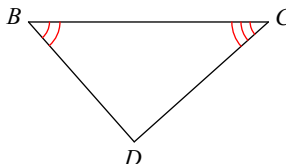
1)



$\triangle WVU \sim$  \_\_\_\_\_

- A) similar; SSS similarity;  $\triangle RTS$
- B) not similar
- C) similar; SSS similarity;  $\triangle TSR$
- D) similar; SAS similarity;  $\triangle RTS$

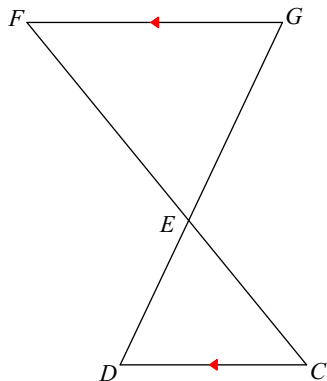
2)



$\triangle RST \sim$  \_\_\_\_\_

- A) not similar
- B) similar; AA similarity;  $\triangle BCD$
- C) similar; SSS similarity;  $\triangle BCD$
- D) similar; SSS similarity;  $\triangle DBC$

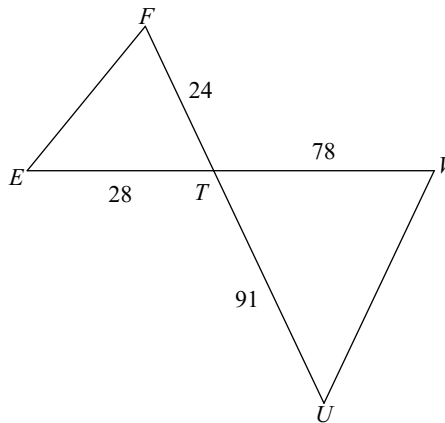
3)



$\triangle EFG \sim$  \_\_\_\_\_

- A) similar; AA similarity;  $\triangle EDC$
- B) similar; AA similarity;  $\triangle ECD$
- C) not similar
- D) similar; AA similarity;  $\triangle CDE$

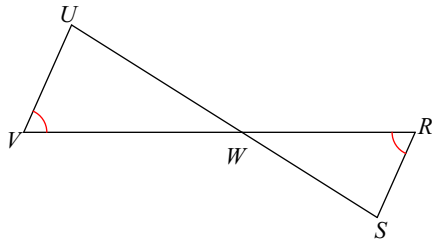
4)



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

- A) similar; SAS similarity;  $\triangle FET$
- B) similar; SAS similarity;  $\triangle TEF$
- C) not similar
- D) similar; SAS similarity;  $\triangle EFT$

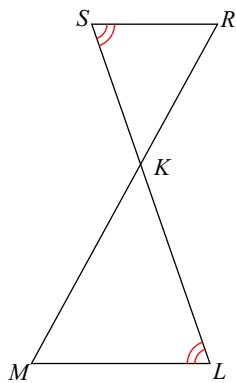
5)



$\triangle WVU \sim$  \_\_\_\_\_

- A) similar; SAS similarity;  $\triangle WSR$
- B) not similar
- C) similar; SSS similarity;  $\triangle WRS$
- D) similar; AA similarity;  $\triangle WRS$

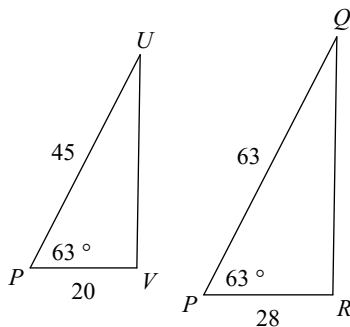
7)



$\triangle KLM \sim$  \_\_\_\_\_

- A) similar; AA similarity;  $\triangle RSK$
- B) similar; AA similarity;  $\triangle KSR$
- C) not similar
- D) similar; AA similarity;  $\triangle KRS$

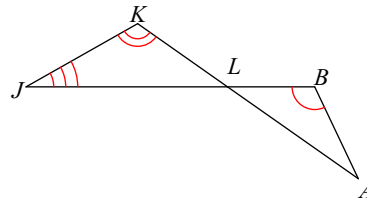
9)



$\triangle PQR \sim$  \_\_\_\_\_

- A) similar; AA similarity;  $\triangle UVP$
- B) similar; SAS similarity;  $\triangle PUV$
- C) not similar
- D) similar; SSS similarity;  $\triangle PUV$

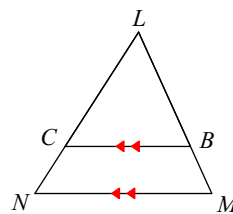
6)



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

- A) similar; SAS similarity;  $\triangle BLA$
- B) similar; AA similarity;  $\triangle LAB$
- C) not similar
- D) similar; SSS similarity;  $\triangle LBA$

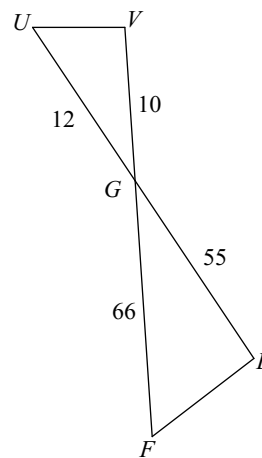
8)



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

- A) not similar
- B) similar; SSS similarity;  $\triangle LCB$
- C) similar; SAS similarity;  $\triangle CBL$
- D) similar; AA similarity;  $\triangle LBC$

10)



$\triangle GFE \sim$  \_\_\_\_\_

- A) similar; SAS similarity;  $\triangle UVG$
- B) not similar
- C) similar; SAS similarity;  $\triangle GUV$
- D) similar; SAS similarity;  $\triangle VGU$