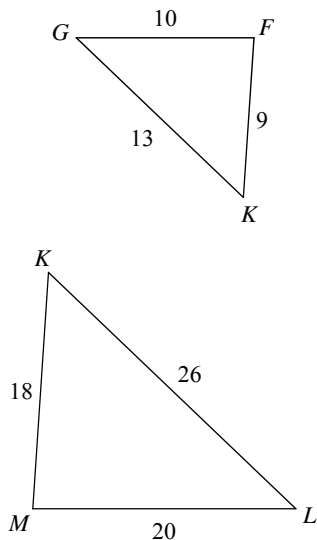Similar Triangles 01

Daily Work

Name_____

Date_____

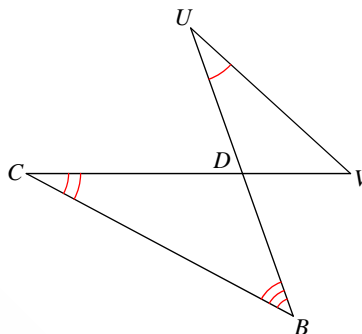**State if the triangles in each pair are similar. If so, state how you know they are similar and complete the similarity statement.**
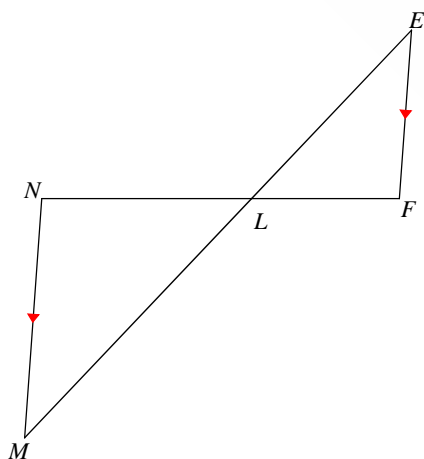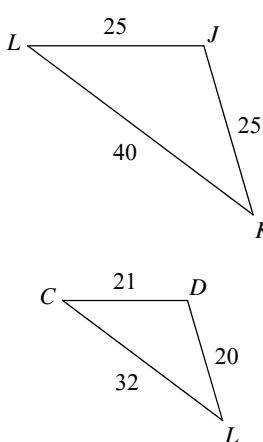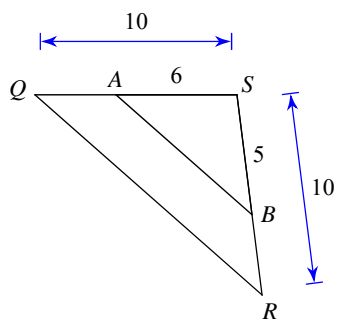
1)

△KLM ~ _____

2)

△DCB ~ _____

3)

△LMN ~ _____

4)

△LKJ ~ _____

-1-

5)

10

Q   A   6   S

5

B

10

R

$\triangle SRQ \sim$ _____

6)

G

16

W   21   U   14   F

24

V

$\triangle UVW \sim$ _____

7)

C

14

111

D   8   S   Q

72

R

$\triangle SRQ \sim$ _____

8)

B

A   C

Q

R   P
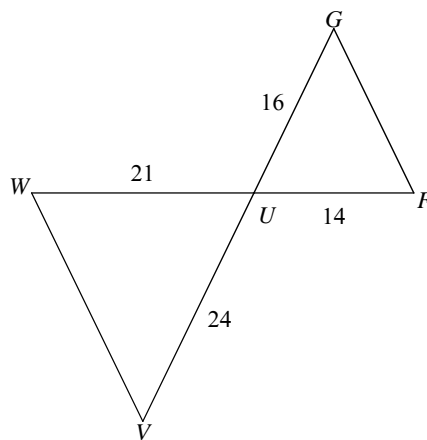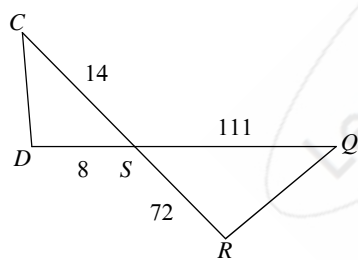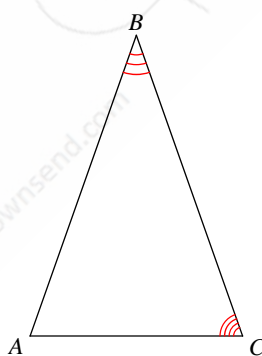
$\triangle ABC \sim$ _____

Answers to Daily Work

1) similar; SSS similarity; $\triangle KGF$

2) not similar

3) similar; AA similarity; $\triangle LEF$ 4) not similar   5) not similar

6) similar; SAS similarity; $\triangle UGF$

7) not similar   8) not similar