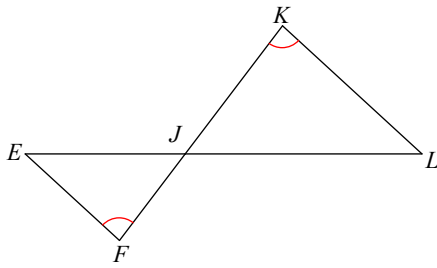


Assignment

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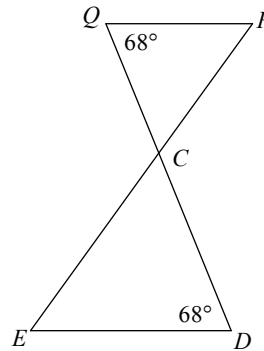
State if the triangles in each pair are similar. If so, state how you know they are similar.

1)



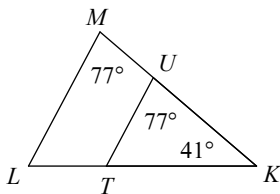
- A) similar; SSS similarity
- B) similar; SAS similarity
- C) similar; AA similarity
- D) not similar

2)



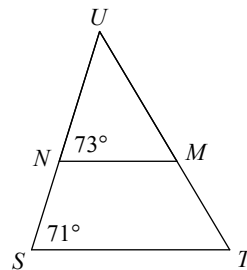
- A) not similar
- B) similar; AA similarity
- C) similar; SAS similarity
- D) similar; SSS similarity

3)



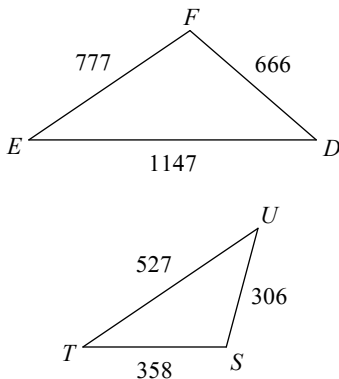
- A) similar; AA similarity
- B) not similar
- C) similar; SSS similarity
- D) similar; SAS similarity

4)



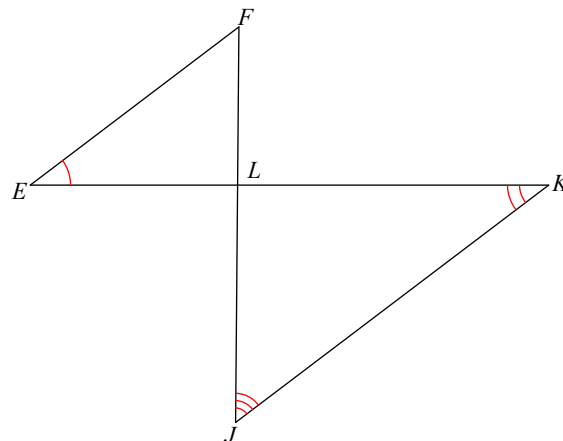
- A) not similar
- B) similar; SSS similarity
- C) similar; AA similarity
- D) similar; SAS similarity

5)



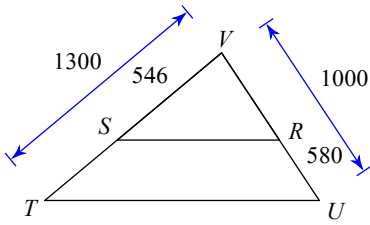
- A) similar; SAS similarity
- B) similar; AA similarity
- C) not similar
- D) similar; SSS similarity

6)



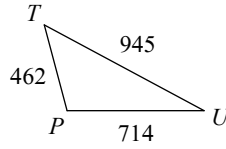
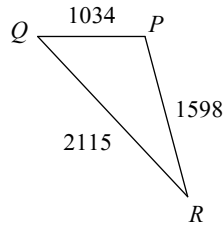
- A) similar; SAS similarity
- B) similar; SSS similarity
- C) not similar
- D) similar; AA similarity

7)



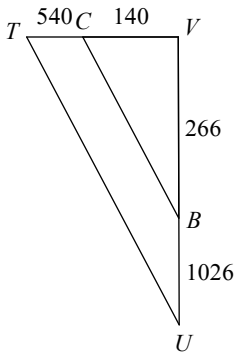
- A) similar; AA similarity
- B) similar; SSS similarity
- C) not similar
- D) similar; SAS similarity

8)



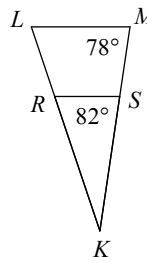
- A) similar; AA similarity
- B) not similar
- C) similar; SSS similarity
- D) similar; SAS similarity

9)



- A) similar; SSS similarity
- B) similar; SAS similarity
- C) similar; AA similarity
- D) not similar

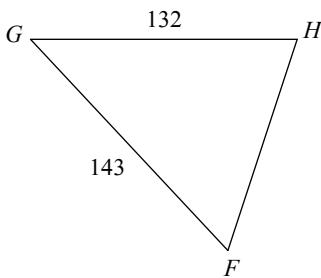
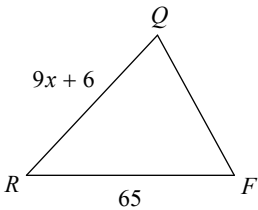
10)



- A) similar; AA similarity
- B) similar; SAS similarity
- C) similar; SSS similarity
- D) not similar

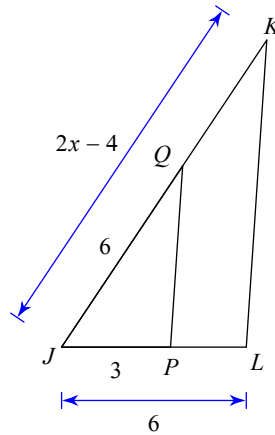
Solve for x. The triangles in each pair are similar.

11)



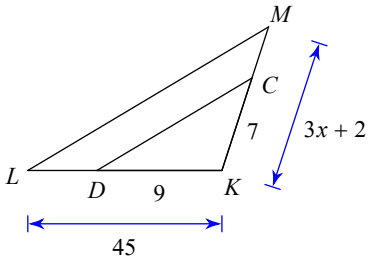
- A) 9
- B) 10
- C) 14
- D) 6

12)



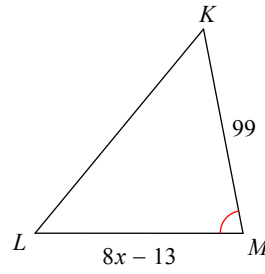
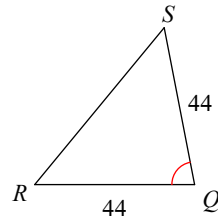
- A) 8
- B) 3
- C) 6
- D) 4

13)



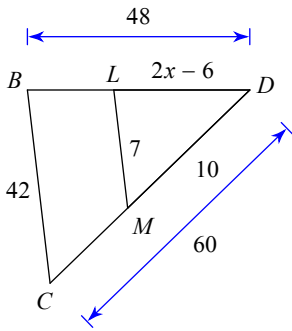
- A) 13 B) 8
C) 11 D) 6

14)



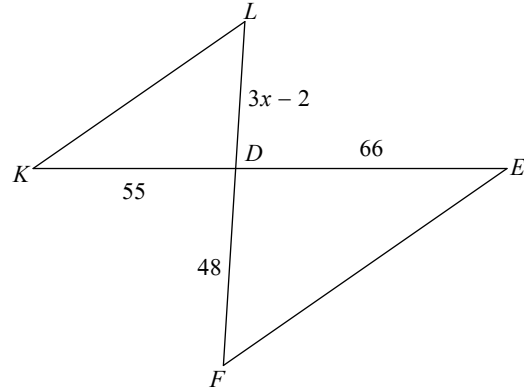
- A) 11 B) 4
C) 8 D) 14

15)



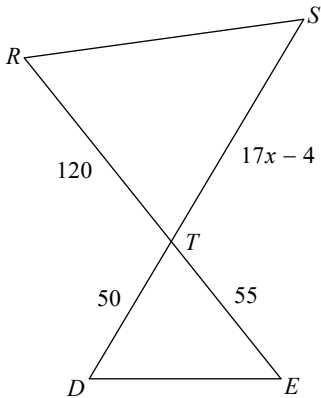
- A) 13 B) 14
C) 4 D) 7

16)



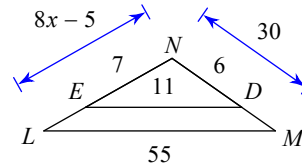
- A) 8 B) 4
C) 11 D) 14

17)



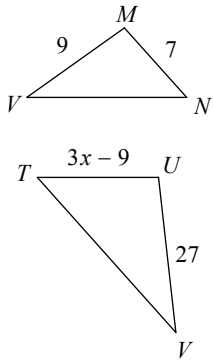
- A) 11 B) 9
C) 4 D) 8

18)



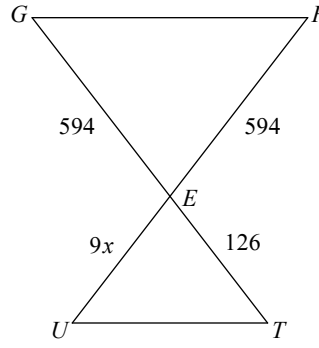
- A) 5 B) 12
C) 10 D) 4

19)



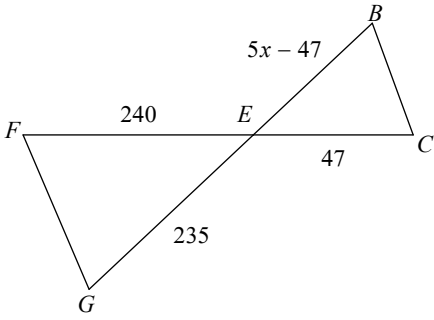
- A) 10 B) 9
C) 5 D) 14

20)



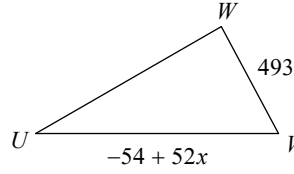
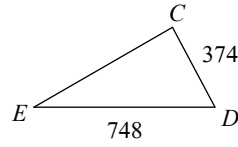
- A) 30 B) 14
C) 18 D) 32

21)



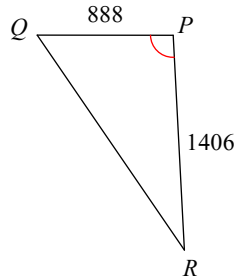
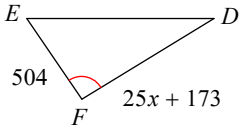
- A) 16 B) 29
C) 19 D) 35

22)



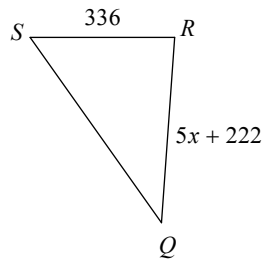
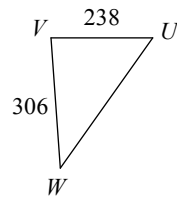
- A) 33 B) 50
C) 20 D) 16

23)



- A) 27 B) 29
C) 25 D) 37

24)



- A) 48 B) 25
C) 16 D) 42

Answers to Assignment (ID: 1)

1) C
5) C
9) B
13) C
17) D
21) C

2) B
6) C
10) D
14) D
18) A
22) C

3) A
7) D
11) D
15) D
19) A
23) C

4) A
8) C
12) A
16) D
20) B
24) D