

Pre-Algebra

State if the three numbers can be the measures of the sides of a triangle.

1) 7, 10, 12

Yes

2) 7, 5, 12

No

3) 8, 8, 19

No

4) 8, 12, 3

No

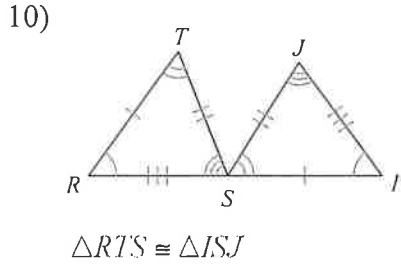
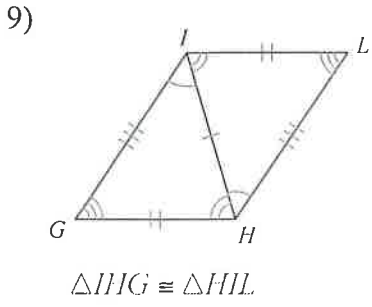
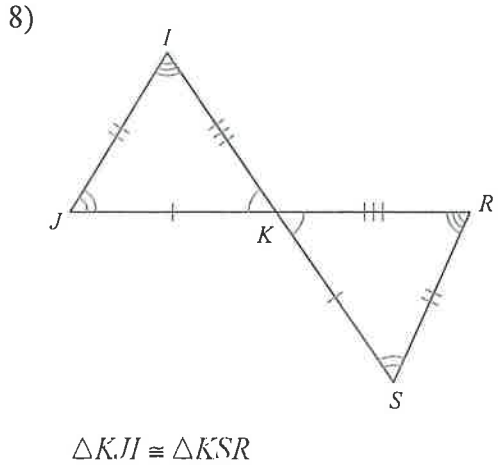
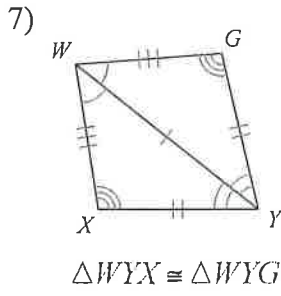
5) 19, 12, 7

No

6) 13, 11, 8

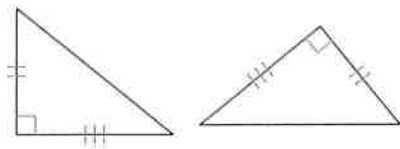
Yes

Write a statement that indicates that the triangles in each pair are congruent.



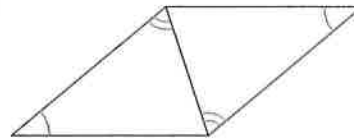
Determine if the two triangles are congruent. If they are, state how you know.

11)



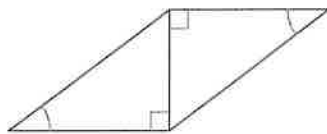
SAS

12)



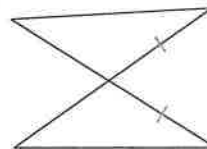
AAS

13)



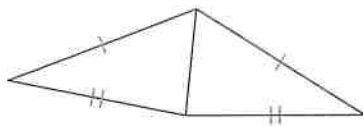
AAS

14)



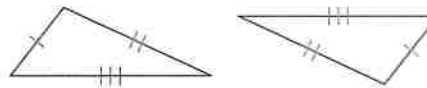
Not enough information

15)



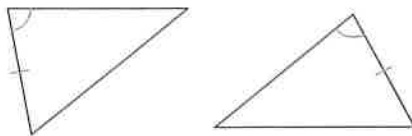
SSS

16)



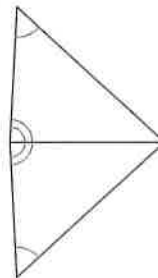
SSS

17)



Not enough information

18)



AAS