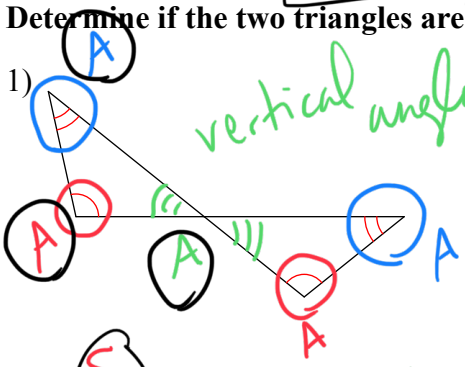
Geometry Name_____ ID: 1

Assignment SSS SAS ASA AAS Date_____ Period____

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

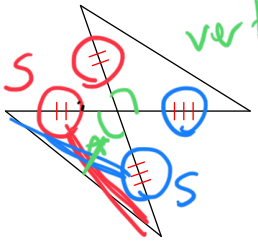
1)



vertical angles

not congruent

2)

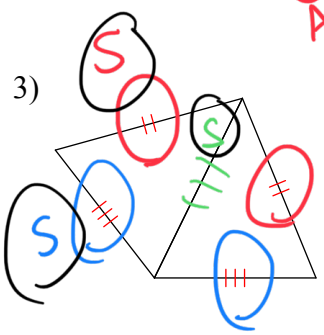


vertical angles

SAS

congruent

3)

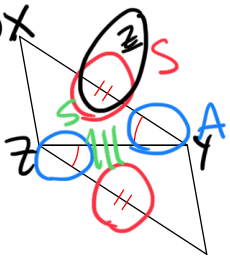


Reflexive property

SSS

congruent

4)

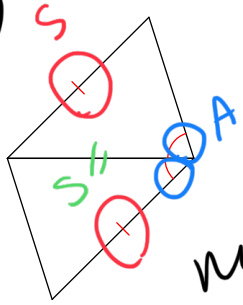


Reflexive

SAS

congruent

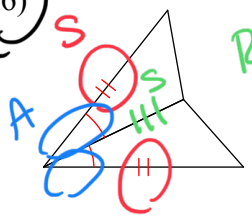
5)



Reflexive

not congruent

6)

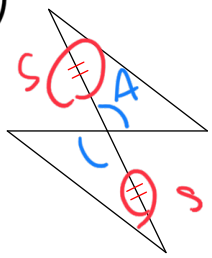


Reflexive

SAS

Congruent

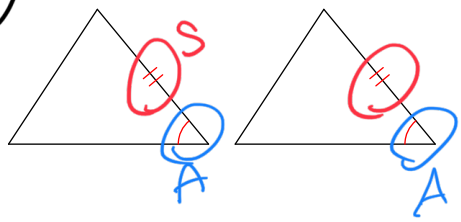
7)



vertical angle

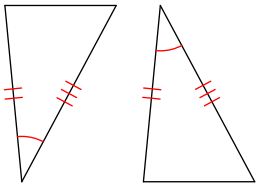
not congruent

8)

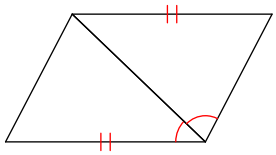


not congruent

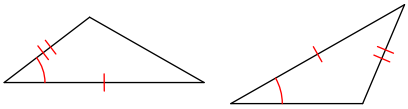
9)



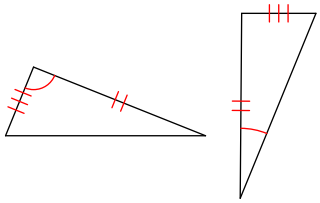
10)



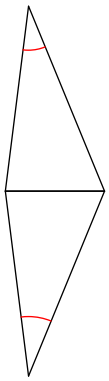
11)



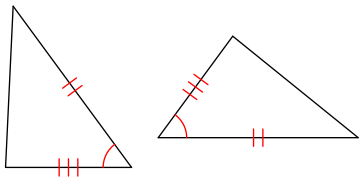
12)



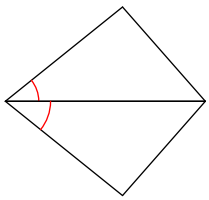
13)



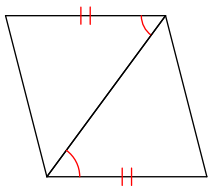
14)



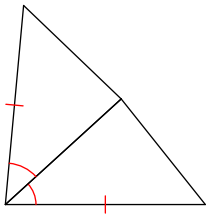
15)



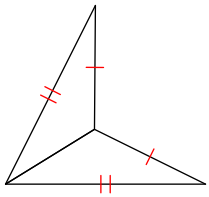
16)



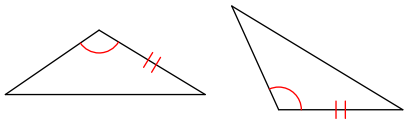
17)



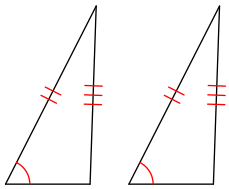
18)



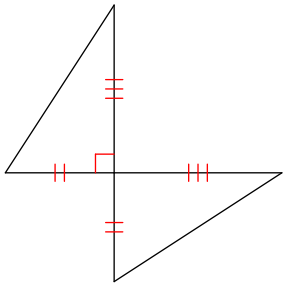
19)



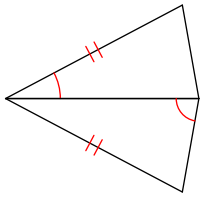
20)



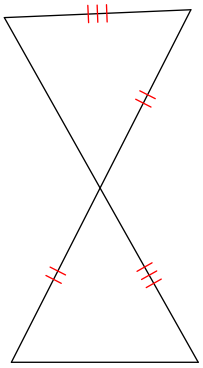
21)



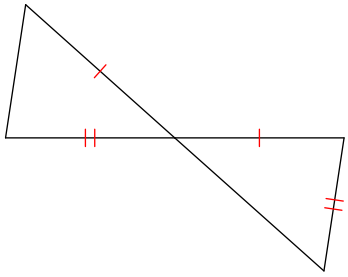
22)



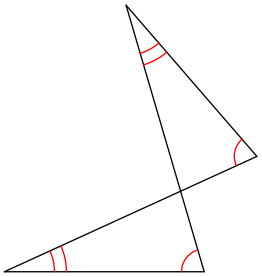
23)



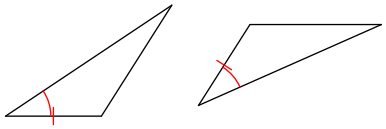
24)



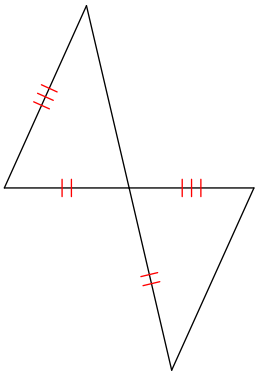
25)



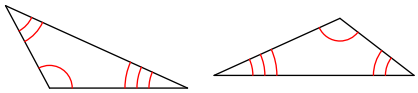
26)



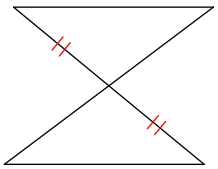
27)



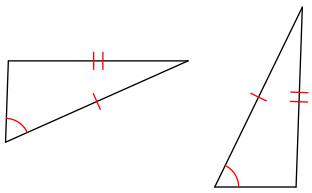
28)



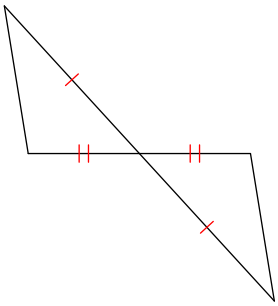
29)



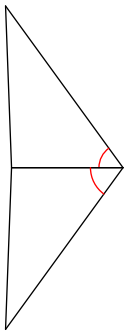
30)



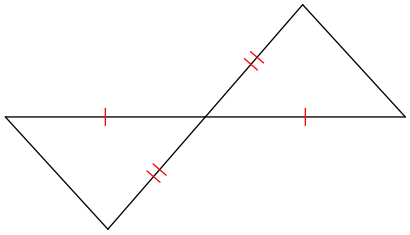
31)



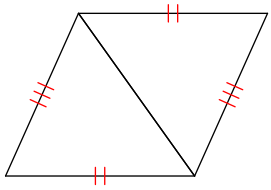
32)



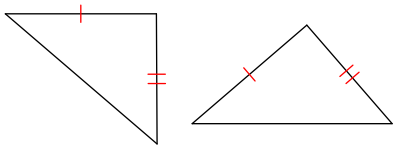
33)



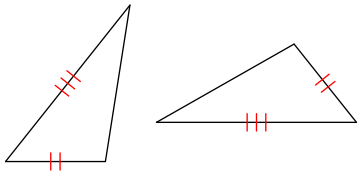
34)



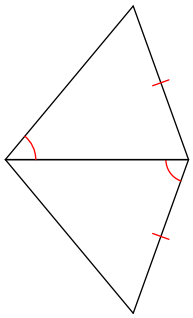
35)



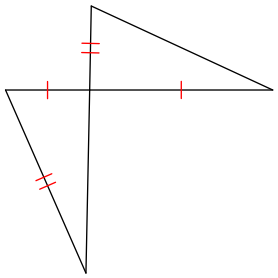
36)



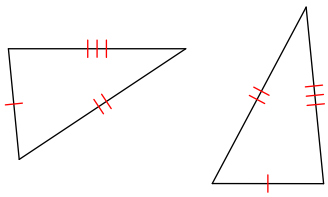
37)



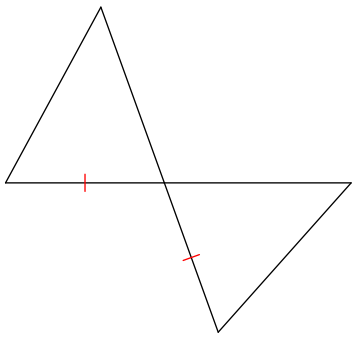
38)



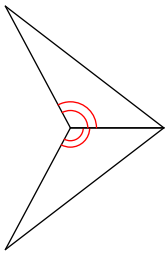
39)



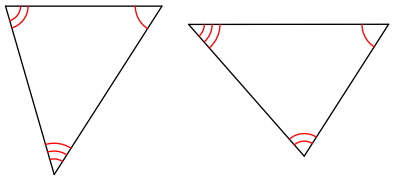
40)



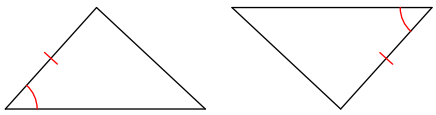
41)



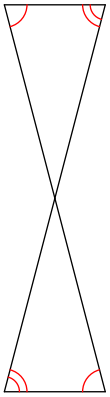
42)



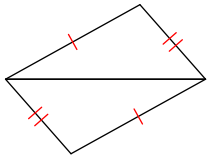
43)



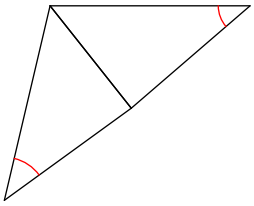
44)



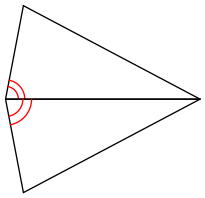
45)



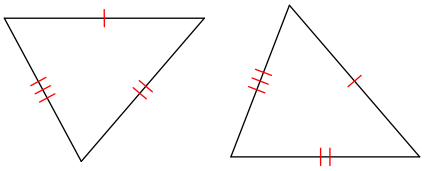
46)



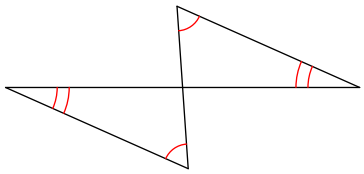
47)



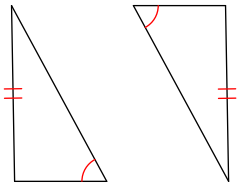
48)



49)



50)



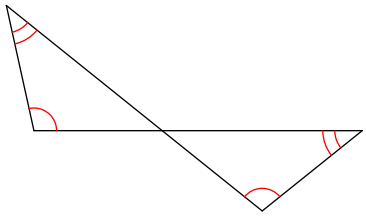
Geometry Name_____ ID: 1

Assignment

Date_____ Period____

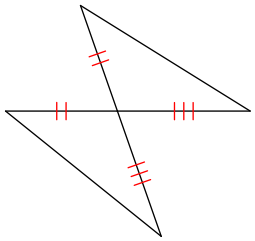
Determine if the two triangles are congruent. If they are, state how you know.

1)



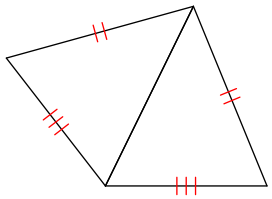
Not enough information

2)



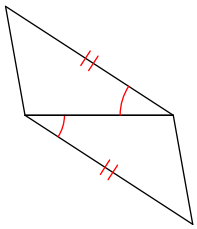
SAS

3)



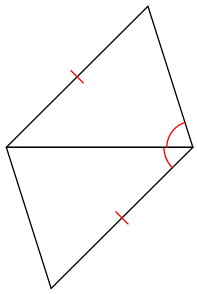
SSS

4)



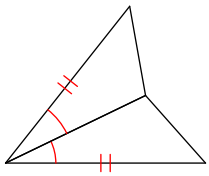
SAS

5)



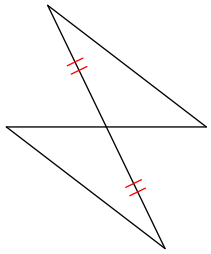
Not enough information

6)



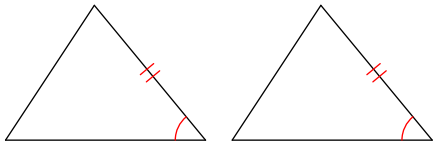
SAS

7)



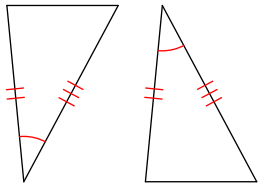
Not enough information

8)



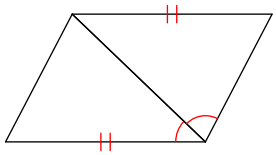
Not enough information

9)



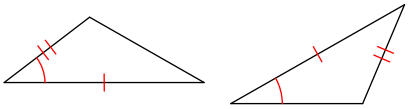
SAS

10)



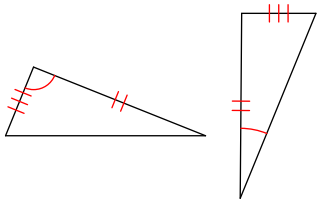
Not enough information

11)



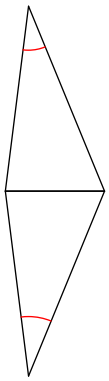
Not enough information

12)



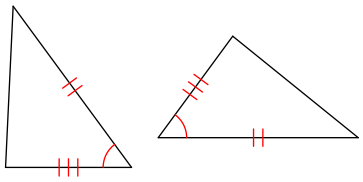
Not enough information

13)



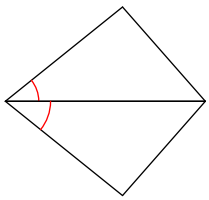
Not enough information

14)



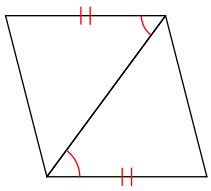
SAS

15)



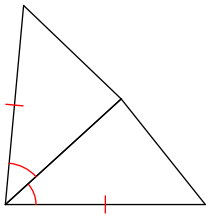
Not enough information

16)



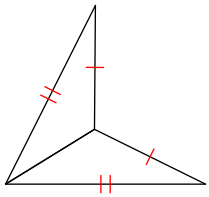
SAS

17)



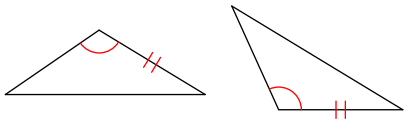
SAS

18)



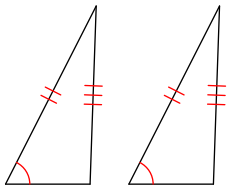
SSS

19)



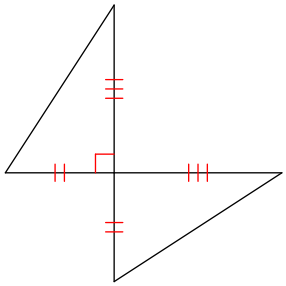
Not enough information

20)



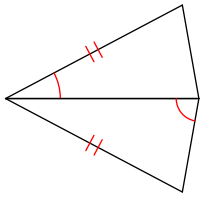
Not enough information

21)



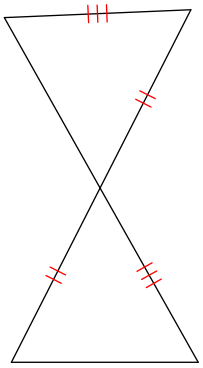
SAS

22)



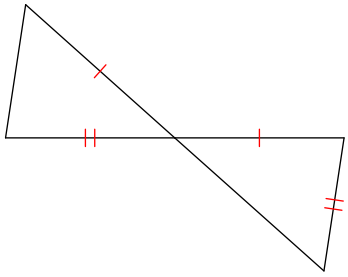
Not enough information

23)



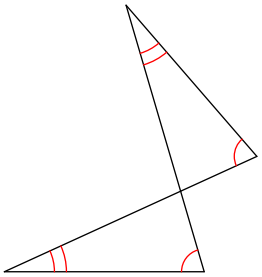
Not enough information

24)



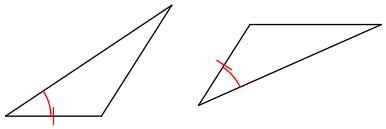
Not enough information

25)



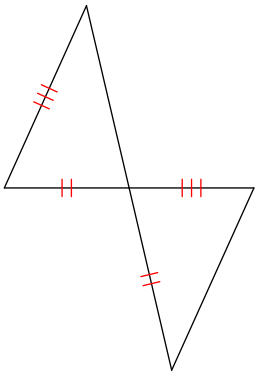
Not enough information

26)



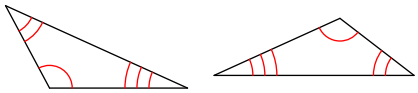
Not enough information

27)



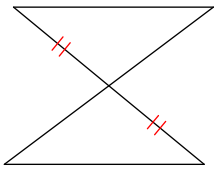
Not enough information

28)



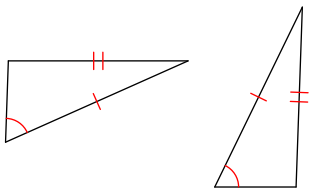
Not enough information

29)



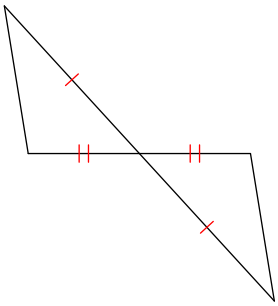
Not enough information

30)



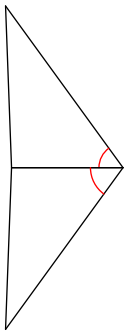
Not enough information

31)



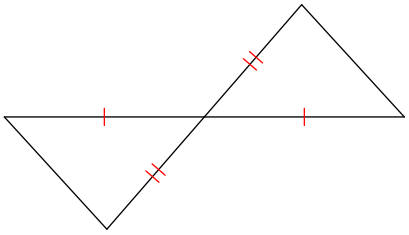
SAS

32)



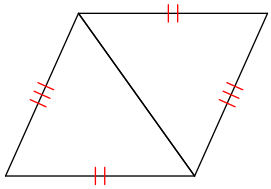
Not enough information

33)



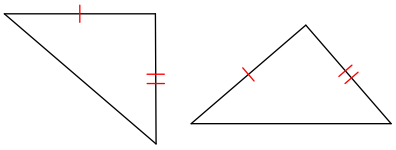
SAS

34)



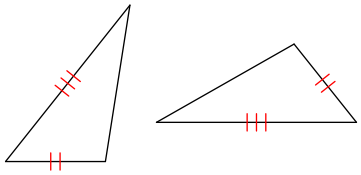
SSS

35)



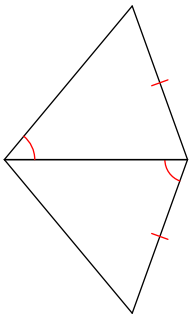
Not enough information

36)



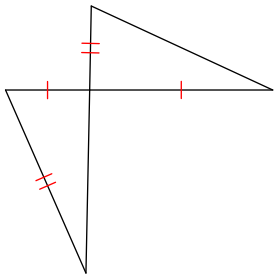
Not enough information

37)



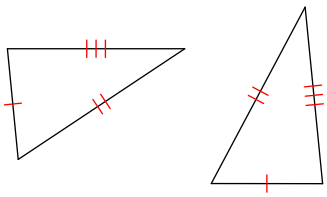
Not enough information

38)



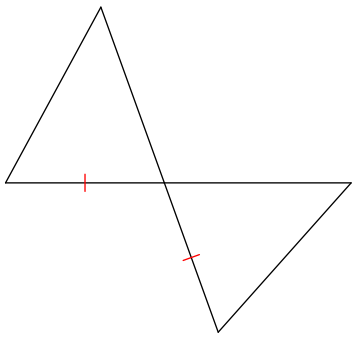
Not enough information

39)



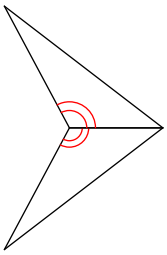
SSS

40)



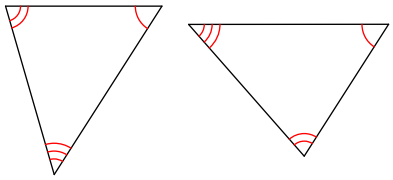
Not enough information

41)



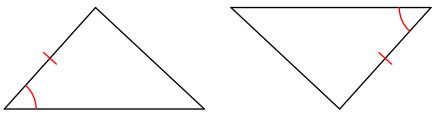
Not enough information

42)



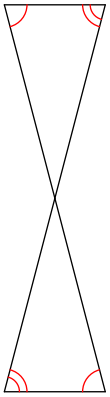
Not enough information

43)



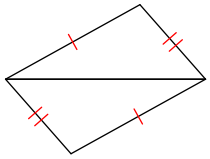
Not enough information

44)



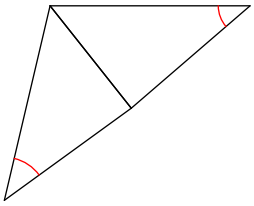
Not enough information

45)



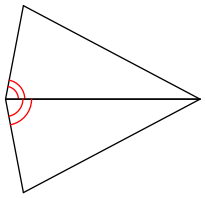
SSS

46)



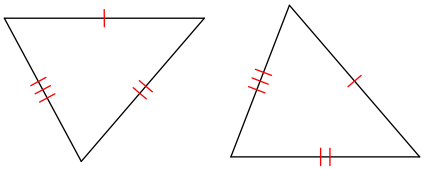
Not enough information

47)



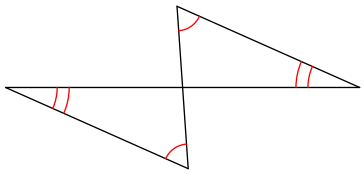
Not enough information

48)



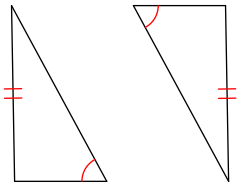
SSS

49)



Not enough information

50)



Not enough information