Geometry

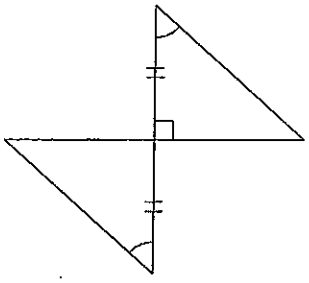
Name_____ ID: 1

Section 4.2 and 4.3

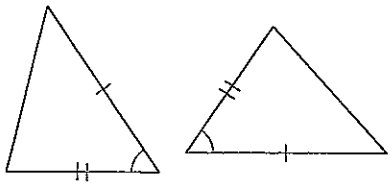
Date_____ Period____

If the two triangles are congruent, state how you know. Choose from SSS, SAS, ASA, AAS.

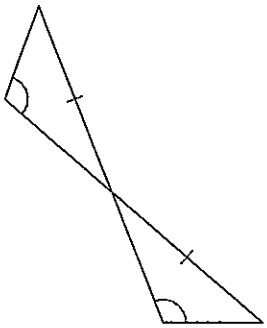
1)



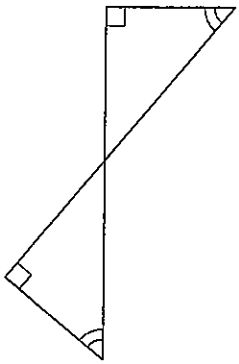
2)



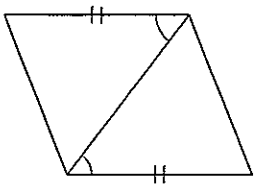
3)



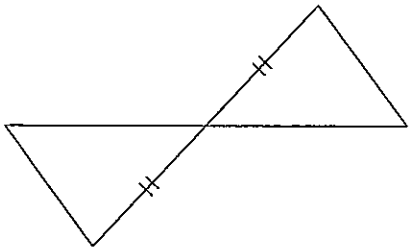
4)



5)

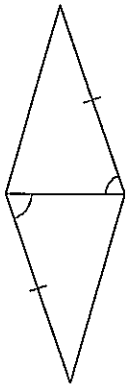


6)

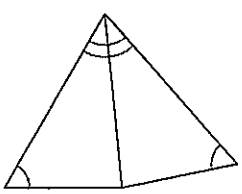


7)

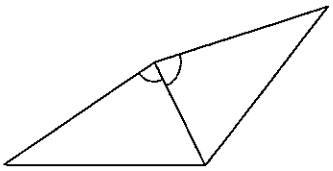
8)



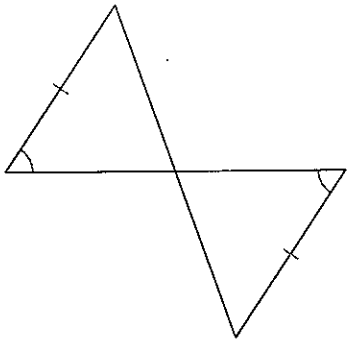
9)



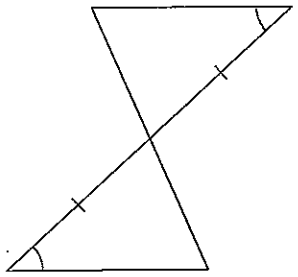
10)



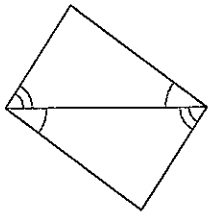
11)



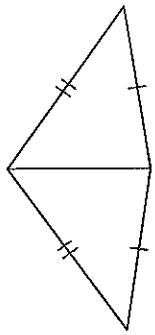
12)



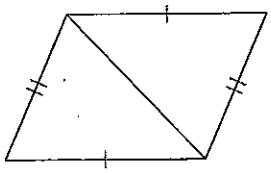
13)



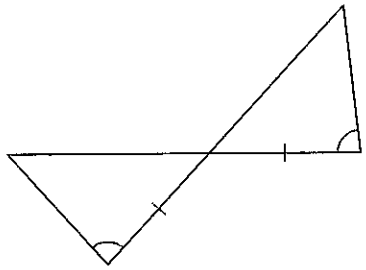
14)



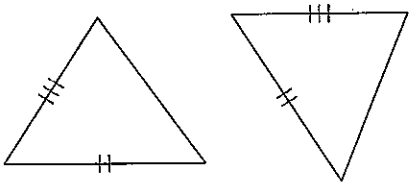
15)



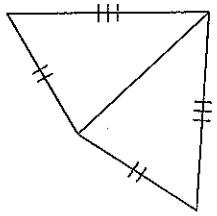
16)



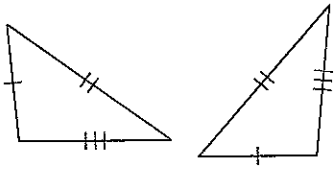
17)



18)

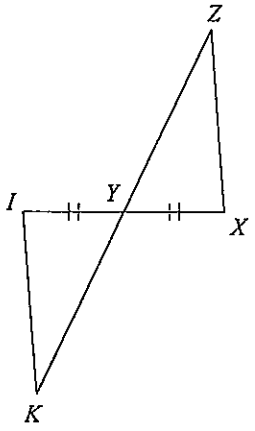


19)

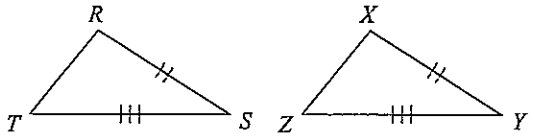


State what additional information is required in order to know that the triangles are congruent for the reason given.

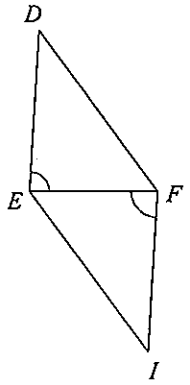
20) ASA



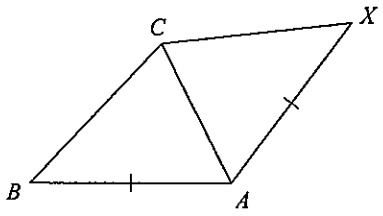
21) SAS



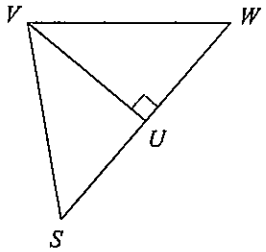
22) ASA



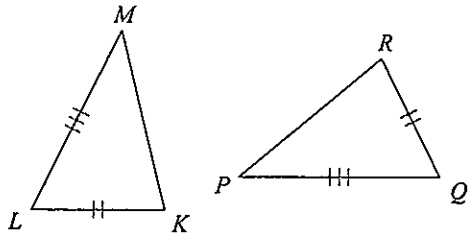
23) SSS



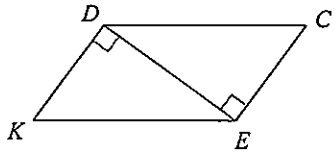
24) ASA



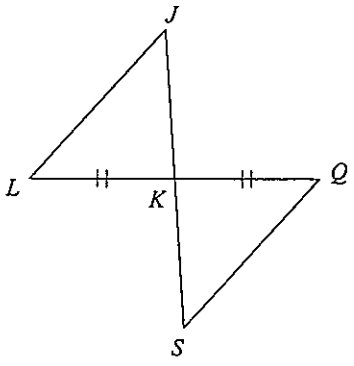
25) SSS



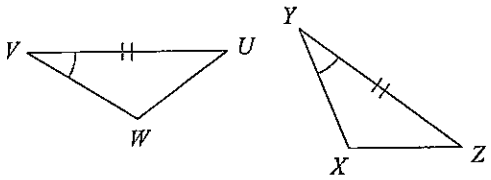
26) ASA



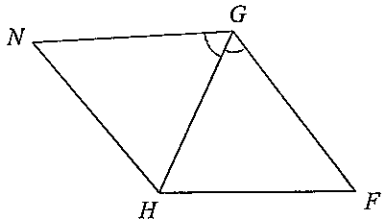
27) AAS



28) AAS



29) ASA



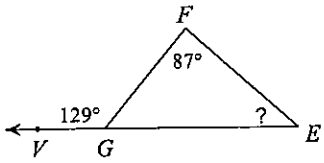
State if the three numbers can be the measures of the sides of a triangle.

30) 11, 24, 10

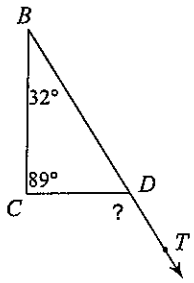
31) 7, 8, 8

Find the measure of each angle indicated.

32)

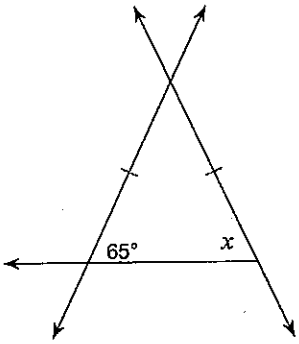


33)

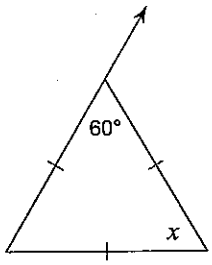


Find the value of x.

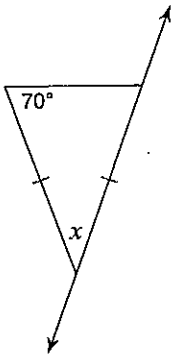
34)



35)



36)



37)