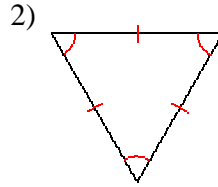
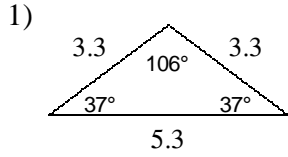


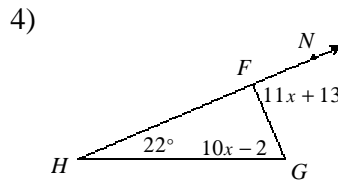
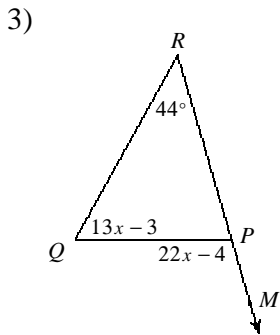
Q2HW1 - All work on looseleaf.

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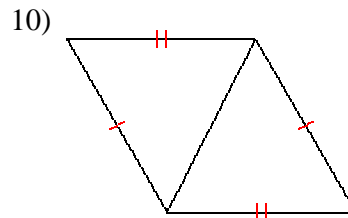
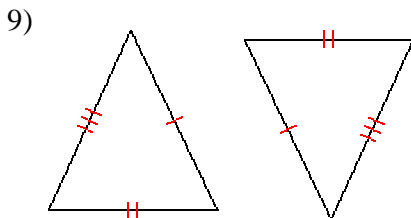
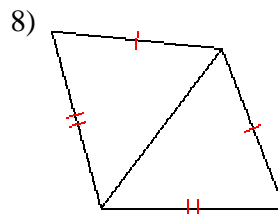
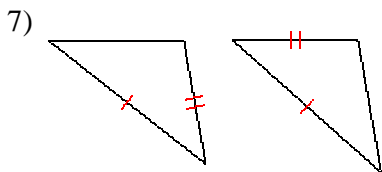
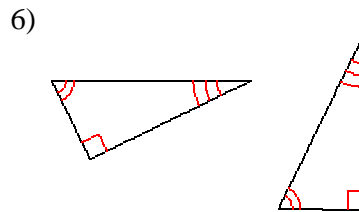
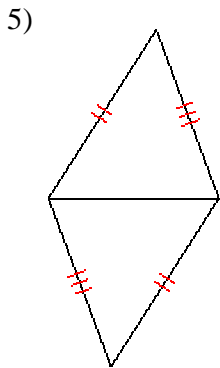
Classify each triangle by its angles and sides.



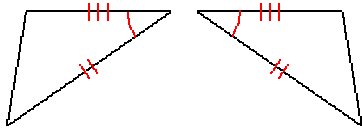
Solve for x.



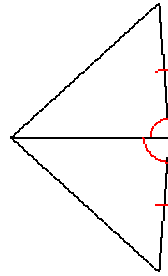
State if the two triangles are congruent. If they are, state how you know.



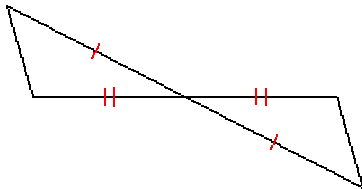
11)



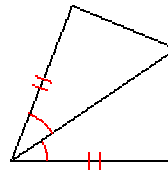
12)



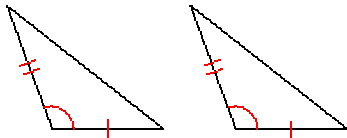
13)



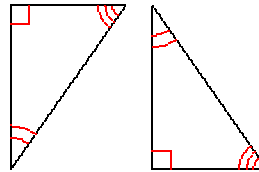
14)



15)

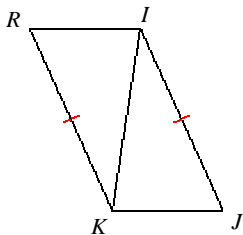


16)

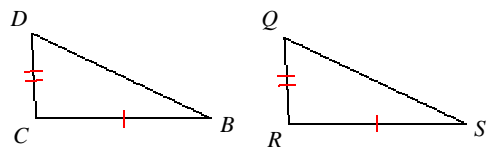


State what additional information is required in order to know that the triangles are congruent for the reason given.

17) SSS



18) SAS



Solve each equation with the quadratic formula. Note: the ^ symbol means raise to a power. Example $3x^2$ means 3 times x squared.

19) $4x^2 = 100$

20) $6x^2 + x = 100$

21) $x^2 = 4 + 4x$

22) $10x^2 + 2x = 4$