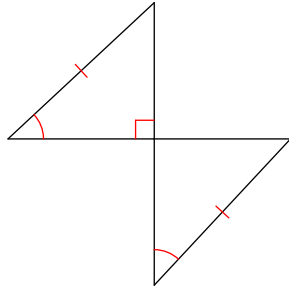


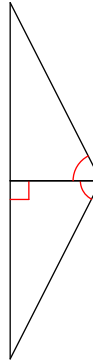
Assignment- Day 3 Triangle Congruence ASA, AAS Date _____ Period _____

Given two angles and a side, determine if the two triangles are congruent. State how you know. If they are, state the congruence and the transformation.

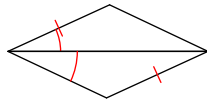
1)



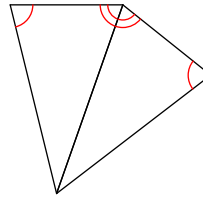
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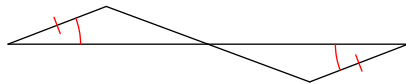
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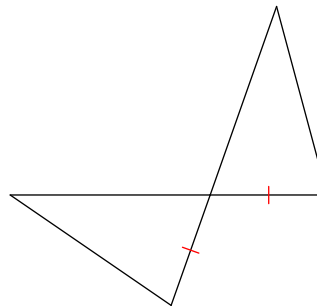
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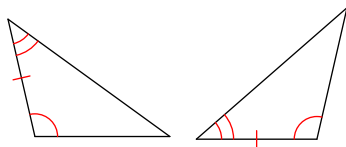
5)



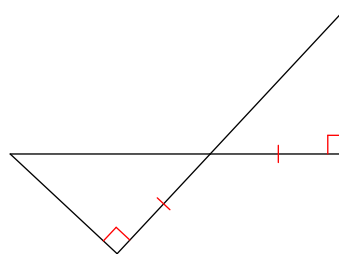
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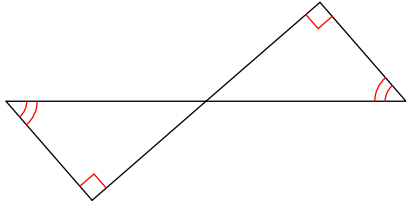
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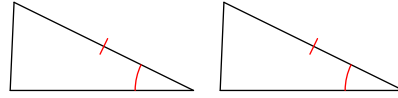
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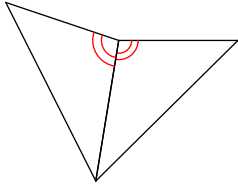
9)



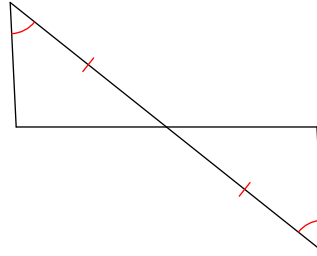
10)



11)



12)



Solve each equation.

13) $-9 = -5v + 8v$

14) $-7m - 6m = 13$

15) $a - 4a = 3 - 4a$

16) $2x + 4 = 10 + 4x$

17) $108 = -6(-3m - 6)$

18) $4(3r + 8) - r = 98$

19) $-8k + 35 = 7(-3k - 8)$

20) $-(x + 4) = 6x + 38$