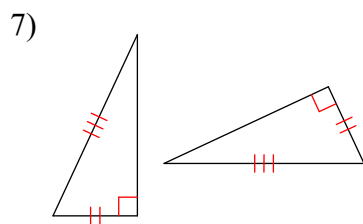
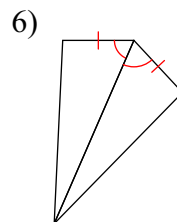
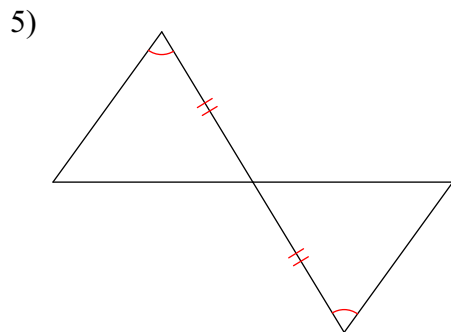
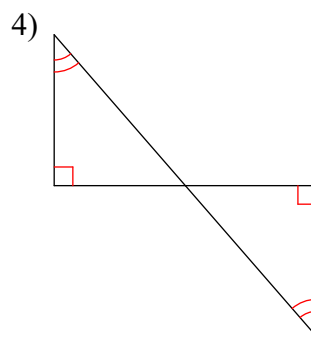
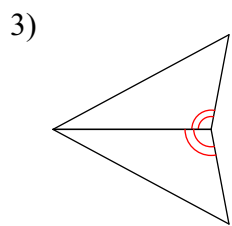
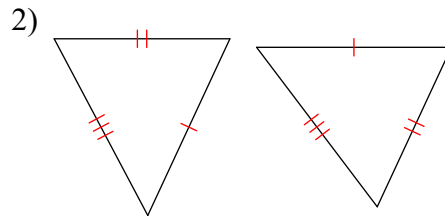
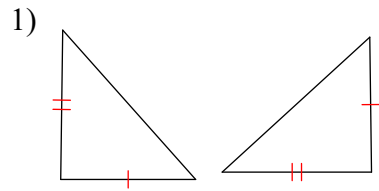
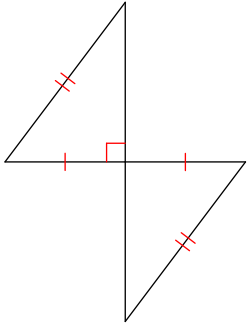


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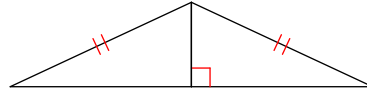
State if the two triangles are congruent. If they are, state how you know.



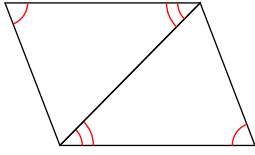
8)



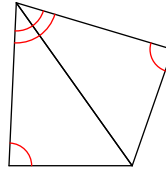
9)



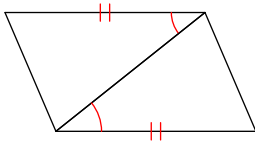
10)



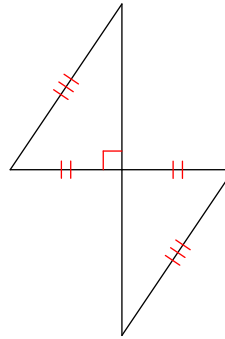
11)



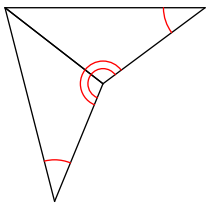
12)



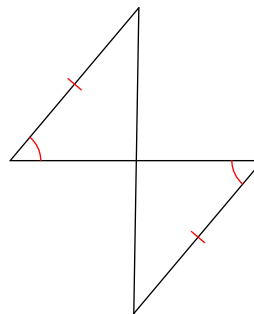
13)



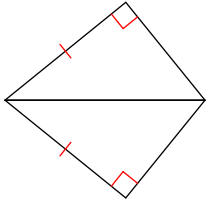
14)



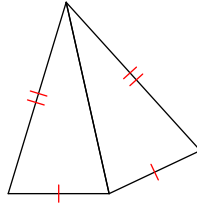
15)



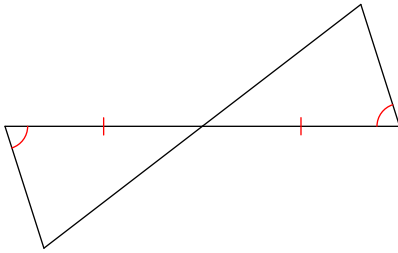
16)



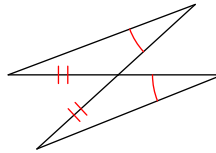
17)



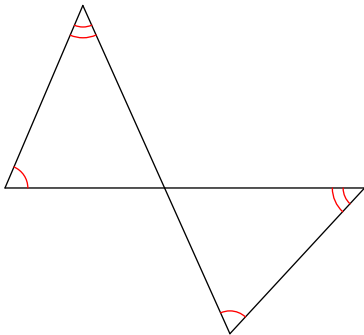
18)



19)

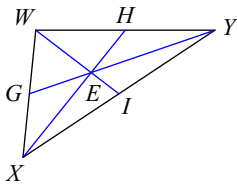


20)

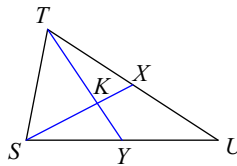


Each figure shows a triangle with one or more of its medians.

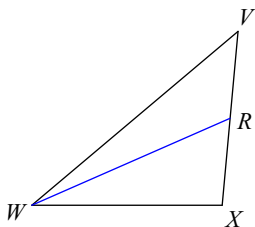
21) Find WE if $WI = 36$



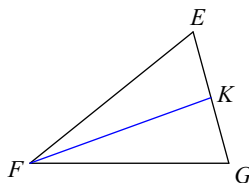
22) Find SX if $KX = 3.7$



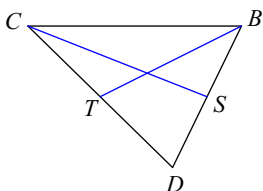
23) Find RX if $RV = 2.85$



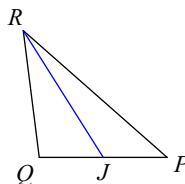
24) Find GE if $KE = 8$



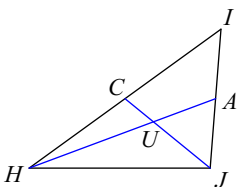
25) Find x if $CD = x$ and $TD = \frac{2x - 7}{2}$



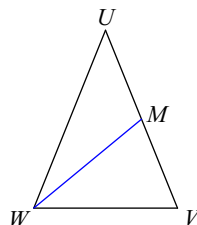
26) Find x if $JP = 4x - 2$ and $JQ = 2x + 2$



27) Find x if $HU = x - 9$ and $HA = x - 8$

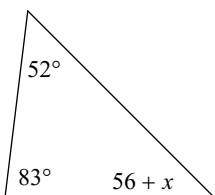


28) Find x if $MU = 11x$ and $MV = 12x - 1$

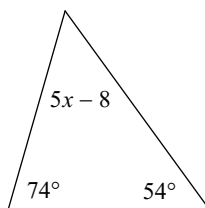


Solve for x .

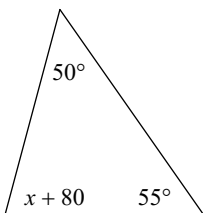
29)



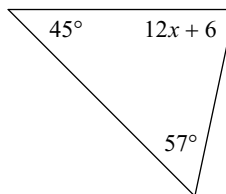
30)



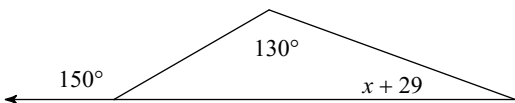
31)



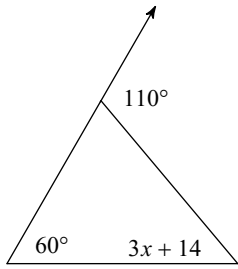
32)



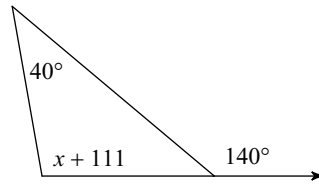
33)



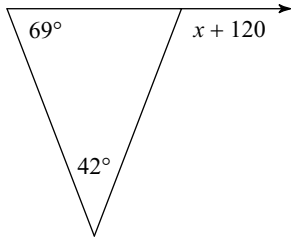
34)



35)



36)



Answers to Unit 3 Final Review Fall 2019 (ID: 1)

- | | | | |
|------------------|----------|------------------|-------------------|
| 1) Not congruent | 2) SSS | 3) Not congruent | 4) Not congruent |
| 5) ASA | 6) SAS | 7) HL | 8) HL |
| 9) HL | 10) AAS | 11) AAS | 12) SAS |
| 13) HL | 14) AAS | 15) AAS | 16) HL |
| 17) SSS | 18) ASA | 19) AAS | 20) Not congruent |
| 21) 24 | 22) 11.1 | 23) 2.85 | 24) 16 |
| 25) 7 | 26) 2 | 27) 11 | 28) 1 |
| 29) -11 | 30) 12 | 31) -5 | 32) 6 |
| 33) -9 | 34) 12 | 35) -11 | 36) -9 |