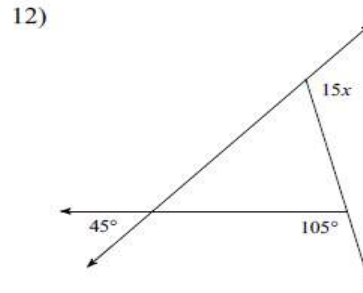
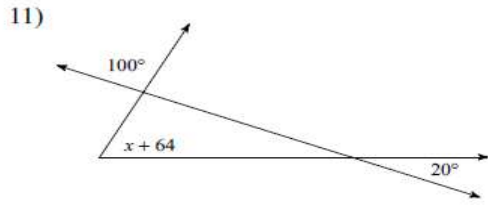
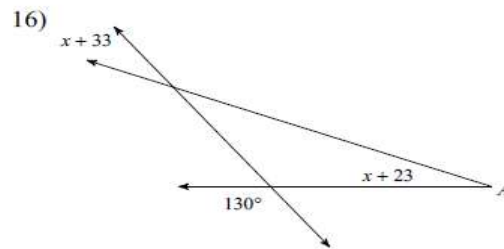
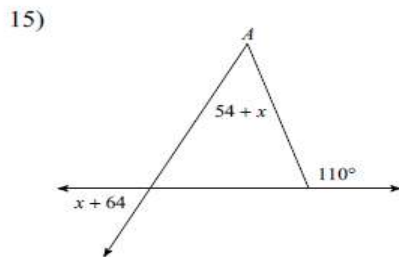
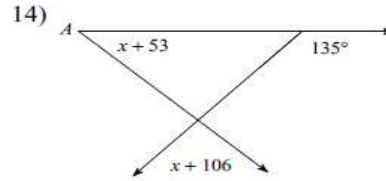
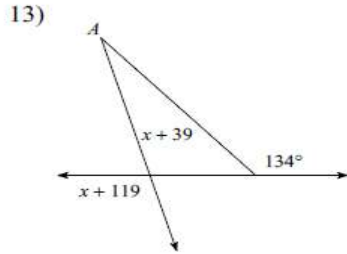


Name _____

Triangle Theorems

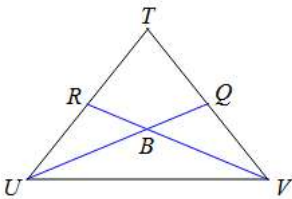


Find the measure of angle A.

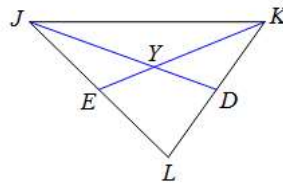


Each figure shows a triangle with one or more of its medians.

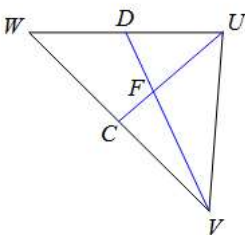
17) Find x if $VB = 2x$ and $BR = 2x - 3$



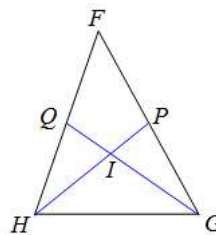
18) Find x if $KE = 2x - 12$ and $YE = x - 7$



19) Find x if $DW = 2x$ and $DU = 3x - 2$

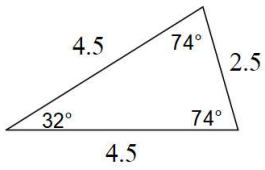


20) Find x if $GI = -6 + 2x$ and $GQ = x + 3$

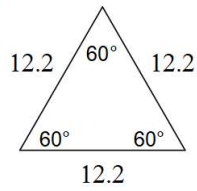


Classify each triangle by its angles and sides.

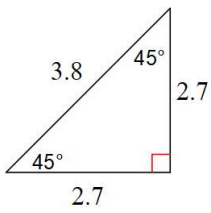
1)



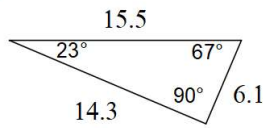
2)



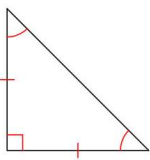
3)



4)



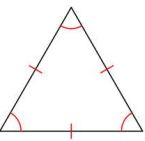
5)



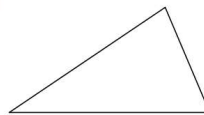
6)



7)

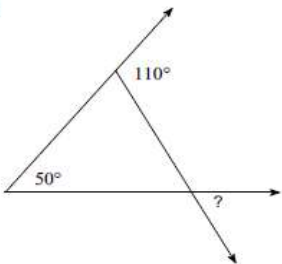


8)

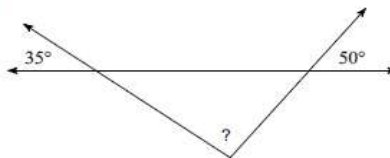


Find the measure of each angle indicated.

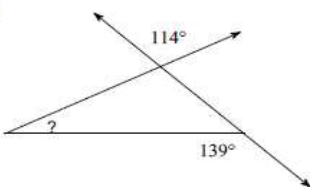
5)



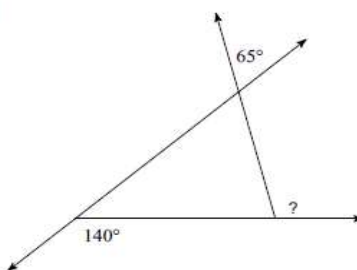
6)



7)

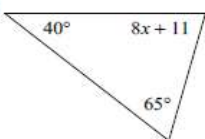


8)



Solve for x .

9)



10)

