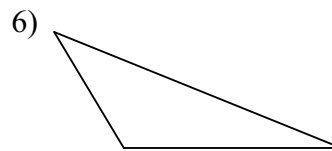
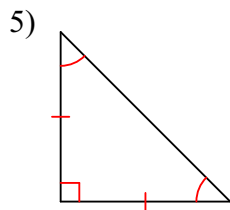
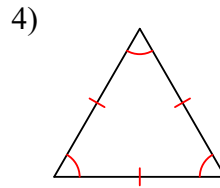
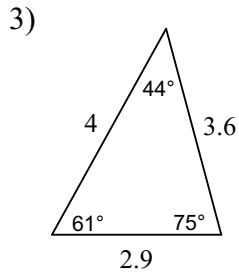
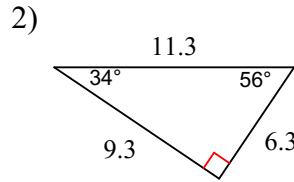
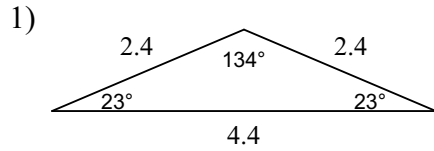
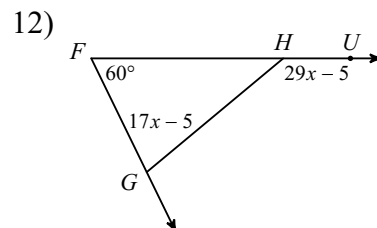
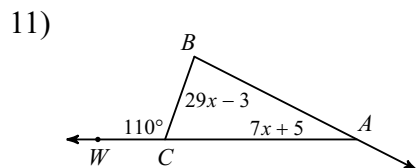
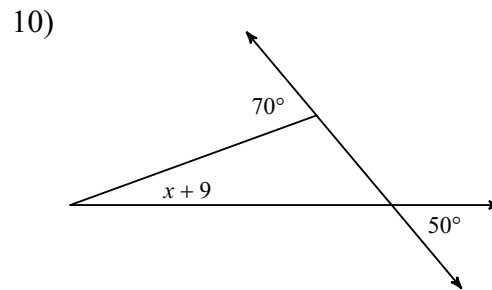
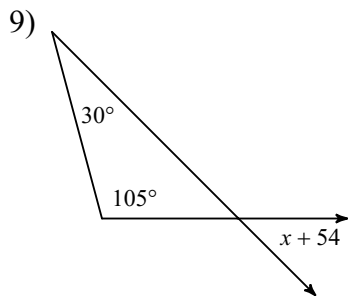
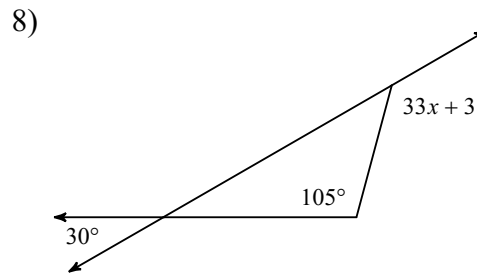
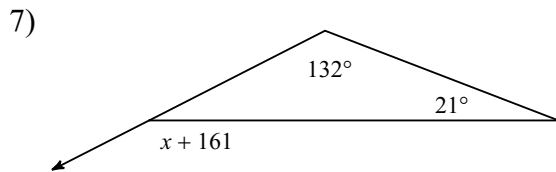


Triangle Classification and Theorems

Classify each triangle by its angles and sides.

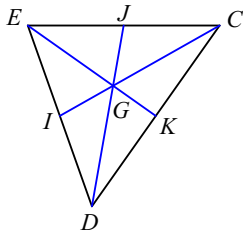


Solve for x .

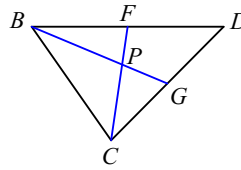


Each figure shows a triangle with one or more of its medians.

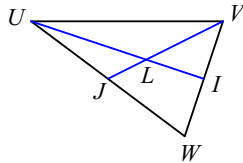
13) Find x if $CG = x + 3$ and $GI = 2x - 12$



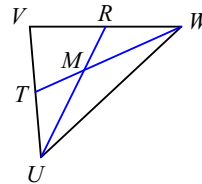
14) Find x if $BG = 2x + 9$ and $PG = -5 + 2x$



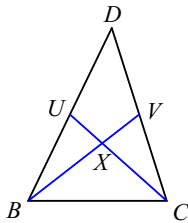
15) Find x if $UI = -9 + 2x$ and $LI = x - 7$



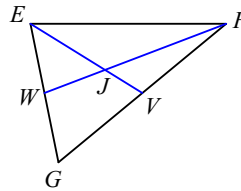
16) Find x if $UM = 7 + x$ and $UR = 2x + 7$



17) Find x if $CX = -4 + x$ and $CU = x - 2$

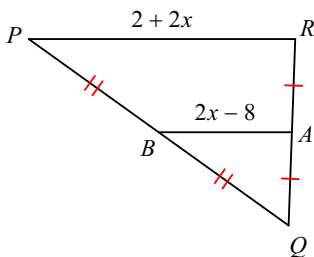


18) Find x if $FJ = 3x - 2$ and $JW = 2x - 2$

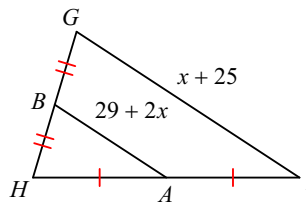


Use the Midsegment and Proportionality Theorems to solve for x .

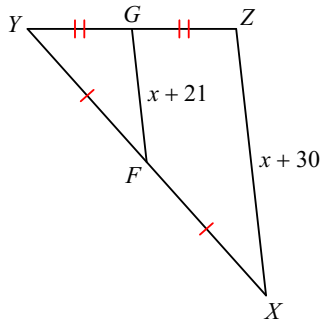
19)



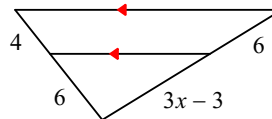
20)



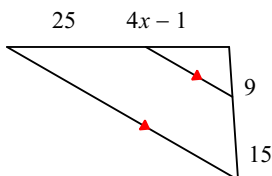
21)



22)



23)



24)

