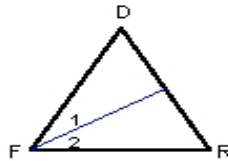


Name : _____ Score : _____
 Teacher : _____ Date : _____

Triangle Angle Bisectors

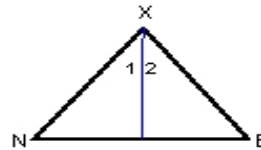
Each triangle has one of its angle bisectors drawn.

- 1) $m\angle DFR = 55^\circ$. Find $m\angle 1$.



$m\angle 1 = \underline{\hspace{2cm}}^\circ$

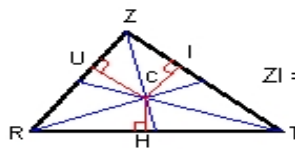
- 2) Find $m\angle NXE$. If, $m\angle 1 = 25^\circ$



$m\angle NXE = \underline{\hspace{2cm}}^\circ$

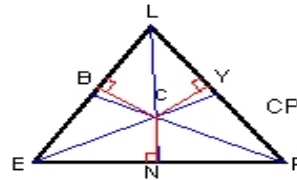
Each triangle shows its three angle bisectors intersecting at point C.

- 3) $CI = 8$ and $CZ = 17$. Find ZI .



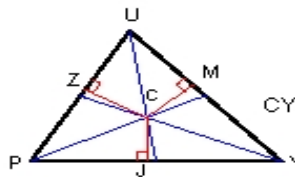
$ZI = \underline{\hspace{2cm}}$

- 4) $NP = 13$ and $CN = 6$. Find CP .



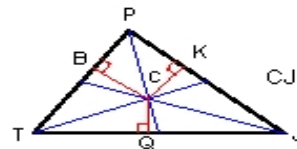
$CP = \underline{\hspace{2cm}}$

- 5) $JY = 10$ and $CJ = 4$. Find CY .



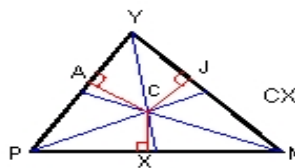
$CY = \underline{\hspace{2cm}}$

- 6) $QJ = 16$ and $CQ = 4$. Find CJ .



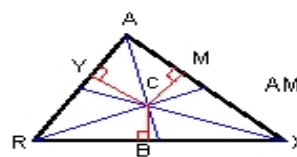
$CJ = \underline{\hspace{2cm}}$

- 7) $CJ = 18$. Find CX .



$CX = \underline{\hspace{2cm}}$

- 8) $CM = 3$ and $CA = 11$. Find AM .



$AM = \underline{\hspace{2cm}}$

