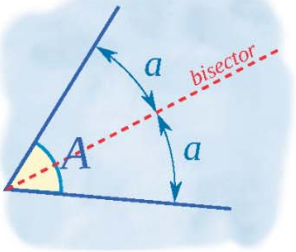
Name _____

Name : Class :

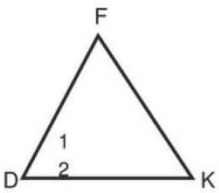
# Angle Bisectors

An angle bisectors is a ray that divides an angle into two equal parts



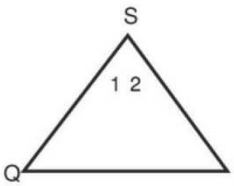

Each triangle has one of its angle bisectors drawn..

**1)** m∠FDK = 58°. Find m∠1.




m∠1 = 29 °

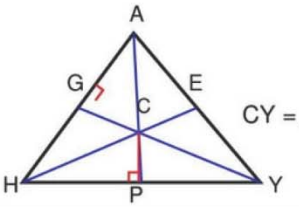
**2)** Find m∠QSV°. If, m∠1 = 24.5 °




m∠QSV = 49 °

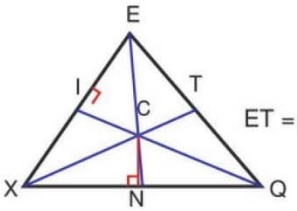
Each triangle shows its three angle bisectors intersecting at point C.

**1)** PY = 9 and CP = 7. Find CY.



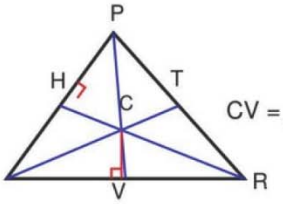

CY = 11.4

**2)** CT = 4 and CE = 11. Find ET.



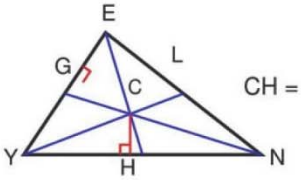

ET = 10.25

**3)** CT = 12. Find CV.



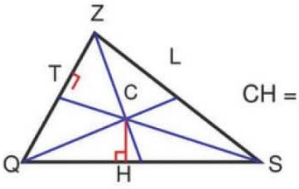

CV = 12

**4)** CL = 14. Find CH.



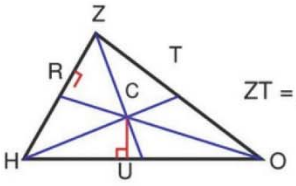

CH = 14

**5)** CL = 17. Find CH.




CH = 17

**6)** CT = 4 and CZ = 15. Find ZT.




ZT = 14.46