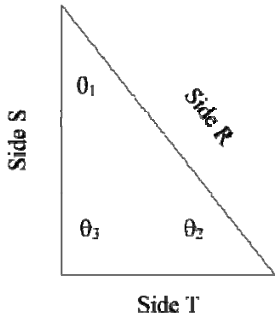


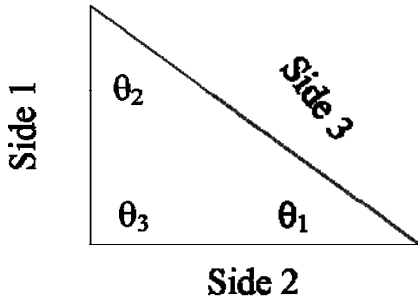
### Solving for Sides

Solve for the missing sides and angles. (The triangles are not drawn to scale)



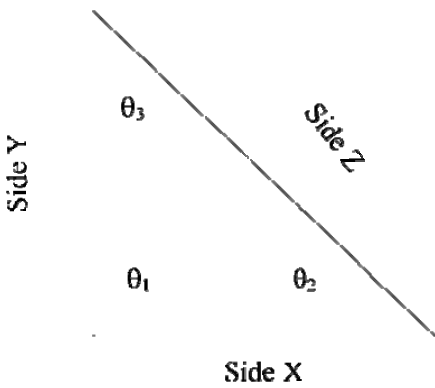
Side T = 11,  $\theta_3 = 90^\circ$ ,  $\theta_2 = 20^\circ$

1. Side S =
2. Side R =
3.  $\theta_1 =$



Side 1 = 40,  $\theta_3 = 90^\circ$ ,  $\theta_1 = 30^\circ$

4. Side 2 =
5. Side 3 =
6.  $\theta_2 =$



Side Z = 30,  $\theta_1 = 90^\circ$ ,  $\theta_2 = 50^\circ$

7. Side X =
8. Side Y =
9.  $\theta_3 =$