Congruence of Triangles

1. **If ΔPQR ≅ ΔSTU, and it is given that ∠PQR = 60°, what is the measure of ∠ STU?**

2. **State the correspondence between the vertices, sides and angles of the following pairs of congruent triangles:**

   A. Δ ABC ≅ ΔPQR

   B. Δ PQR ≅ ΔEDF

   C. Δ XYZ ≅ RPQ

   D. Δ MND ≅ ΔCBA

3. **From the congruent triangles, complete the congruence statement.**

   A. Δ QRS ≅ ΔUVW

   QR ≅ _____

   B. Δ STU ≅ ΔVWX

   ∠T ≅ _____

   C. Δ FGH ≅ XYZ

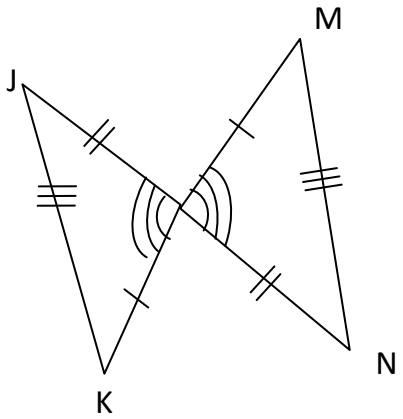
   ∠F ≅ _____

   D. Δ DEF ≅ ΔPQR

   ∠F ≅ _____

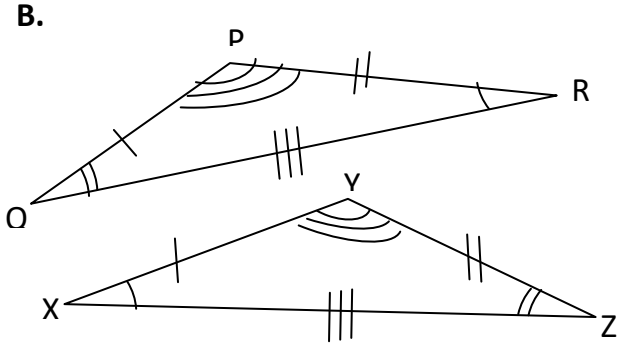
4. **From the figures given below, complete the statement.**

   A.



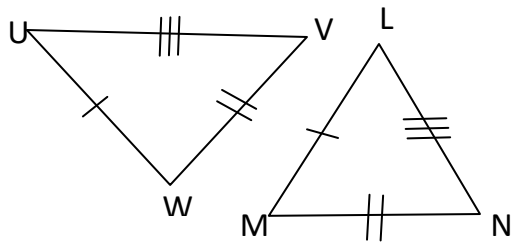
   $\overline{JK}$ ≅ _____

   B.



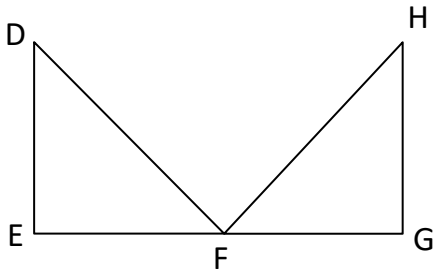
   ∠X ≅ _____

C.



∠U ≅ _____

D.



DE ≅ _____