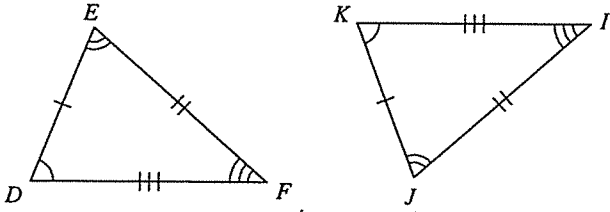


Congruence and Triangles

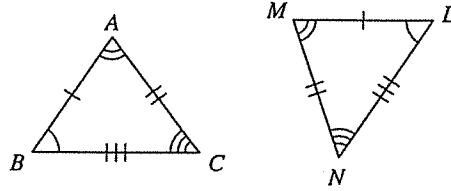
Complete each congruence statement by naming the corresponding angle or side.

1) $\triangle DEF \cong \triangle KJI$



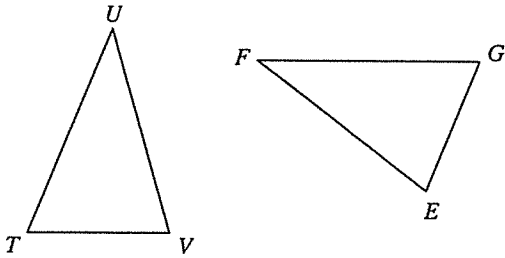
$\overline{FD} \cong ?$ \overline{IK}

2) $\triangle BAC \cong \triangle LMN$



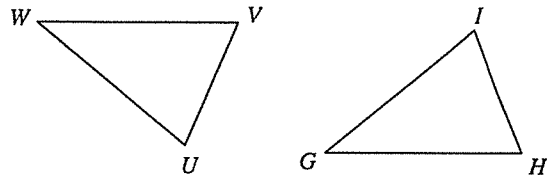
$\angle A \cong ?$ $\angle M$

3) $\triangle TUV \cong \triangle GFE$



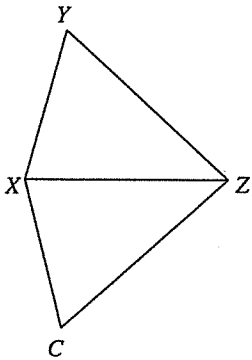
$\angle U \cong ?$ $\angle F$

4) $\triangle WVU \cong \triangle GHI$



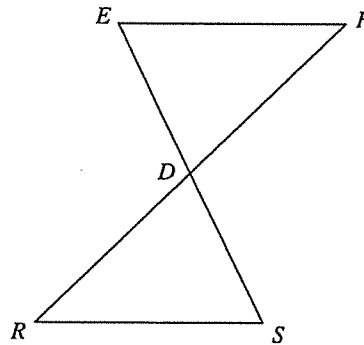
$\angle W \cong ?$ $\angle G$

5) $\triangle ZXY \cong \triangle ZXC$



$\angle Y \cong ?$ $\angle C$

6) $\triangle DEF \cong \triangle DSR$

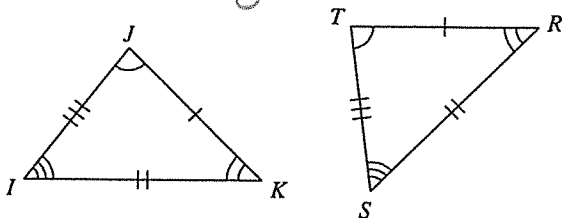


$\angle F \cong ?$ $\angle R$

Write a statement that indicates that the triangles in each pair are congruent.

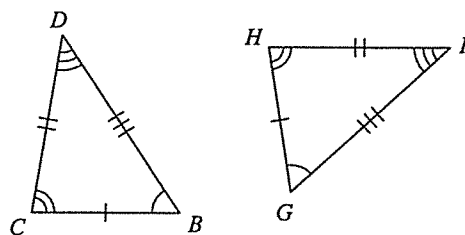
Congruence statement.

7)

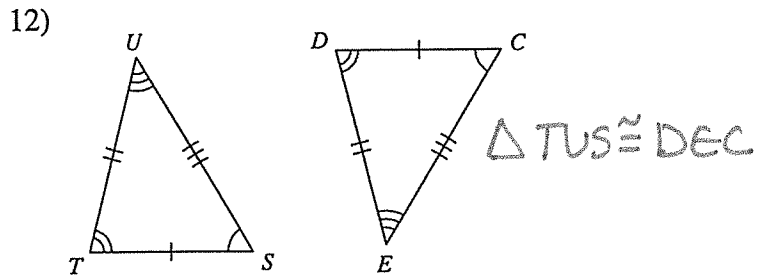
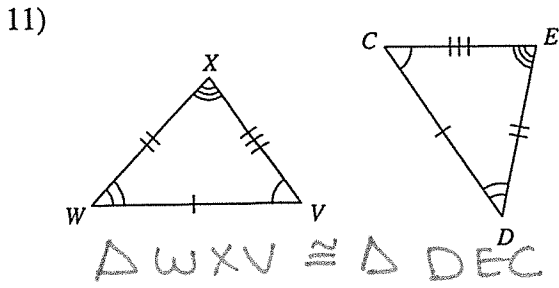
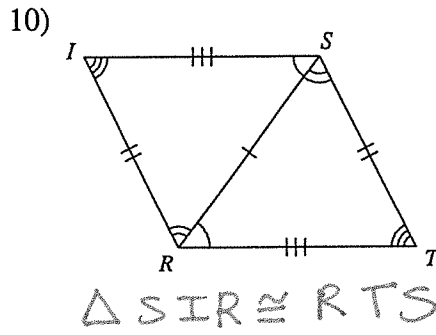
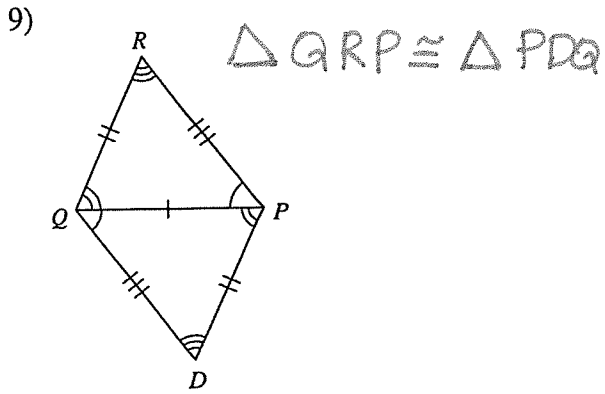


$\triangle IJK \cong \triangle STR$

8)

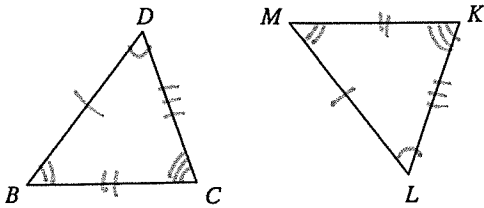


$\triangle CDB \cong \triangle HIG$

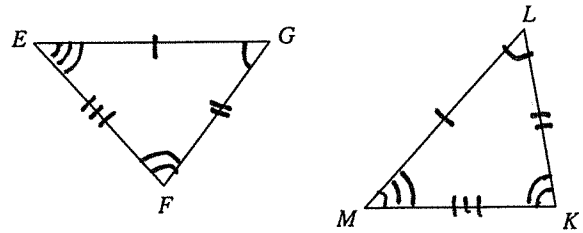


Mark the angles and sides of each pair of triangles to indicate that they are congruent.

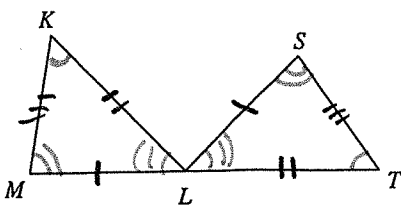
13) $\triangle BDC \cong \triangle MLK$



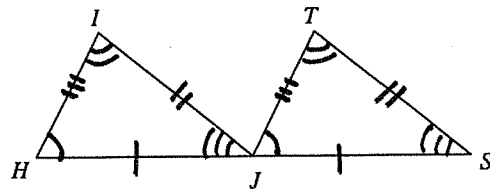
14) $\triangle GFE \cong \triangle LKM$



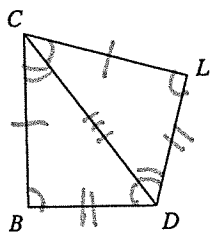
15) $\triangle MKL \cong \triangle STL$



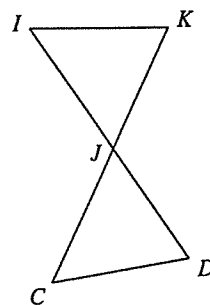
16) $\triangle HIJ \cong \triangle JTS$



17) $\triangle CDB \cong \triangle CDL$



18) $\triangle JIK \cong \triangle JCD$

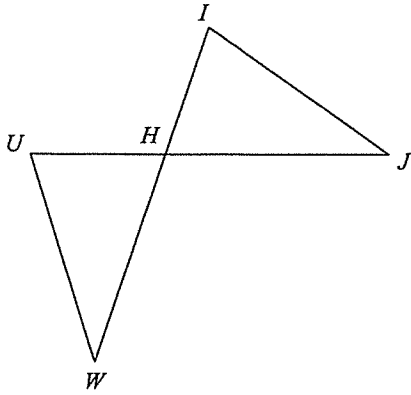


4.2 - Corresponding Parts of Triangles

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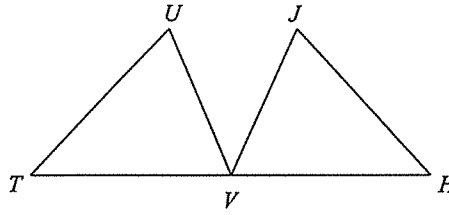
Complete each congruence statement by naming the corresponding angle or side.

1) $\triangle HIJ \cong \triangle HUW$



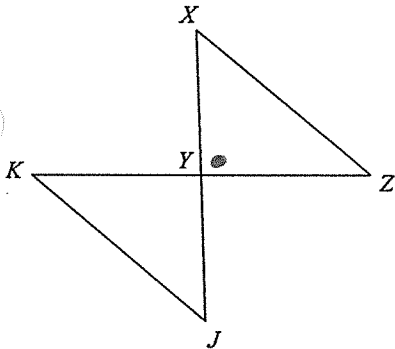
$\overline{IJ} \cong ? \overline{UW}$

2) $\triangle TUV \cong \triangle HVJ$



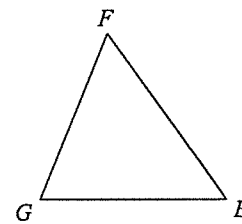
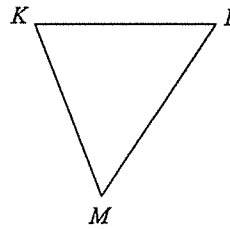
$\overline{UV} \cong ? \overline{JV}$

3) $\triangle YXZ \cong \triangle YJK$



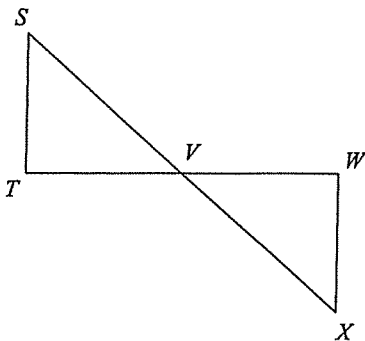
$\angle ZYX \cong ? \angle KYJ$

4) $\triangle KLM \cong \triangle GFE$



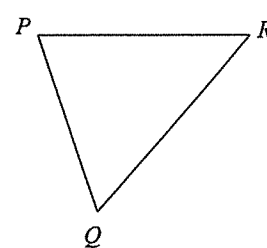
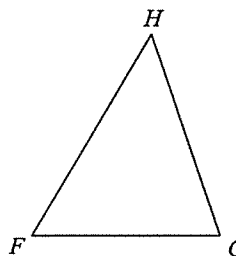
$\angle K \cong ? \angle G$

5) $\triangle VWX \cong \triangle VTS$



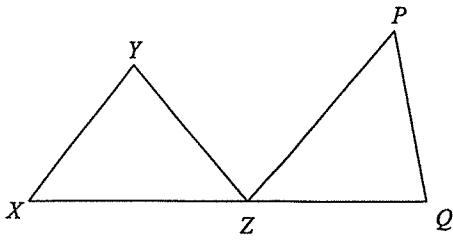
$\overline{XV} \cong ? \overline{SV}$

6) $\triangle GFH \cong \triangle PQR$



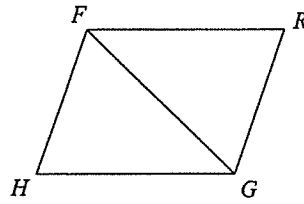
$\angle F \cong ? \angle Q$

7) $\triangle XYZ \cong \triangle PQZ$



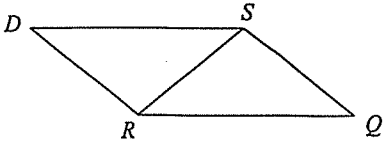
$\angle Y \cong ? \angle Q$

8) $\triangle FGH \cong \triangle GFR$



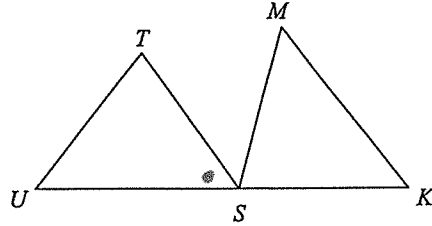
$\overline{FG} \cong ? \overline{GF}$

9) $\triangle RSQ \cong \triangle SRD$



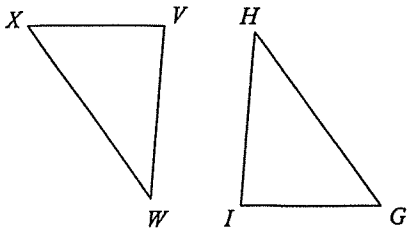
$\overline{QR} \cong ? \overline{DS}$

10) $\triangle UTS \cong \triangle KSM$



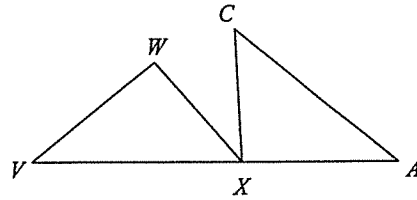
$\angle TSU \cong ? \angle M$

11) $\triangle WXV \cong \triangle HGI$



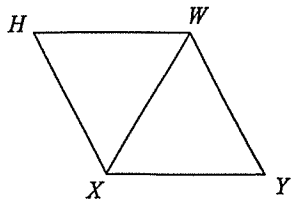
$\overline{XV} \cong ? \overline{GI}$

12) $\triangle VWX \cong \triangle AXC$



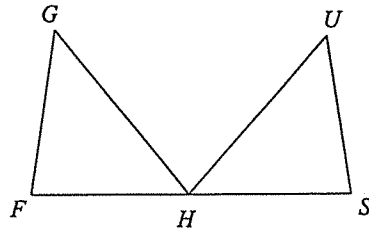
$\angle V \cong ? \angle A$

13) $\triangle XWY \cong \triangle WXH$



$\angle XWY \cong ? \angle WXH$

14) $\triangle FGH \cong \triangle SHU$



$\angle G \cong ? \angle SHU$