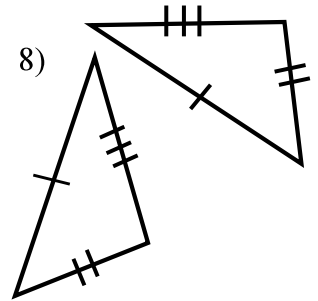
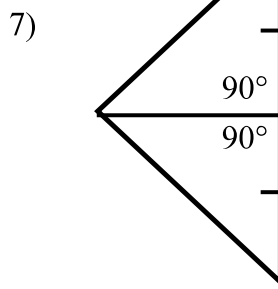
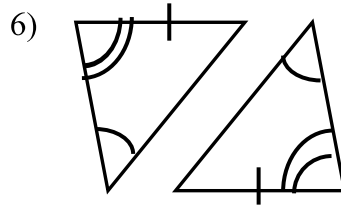
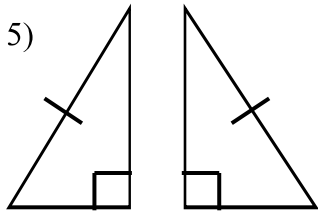
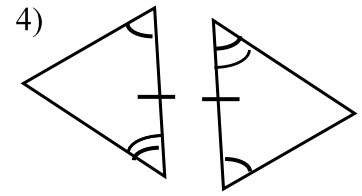
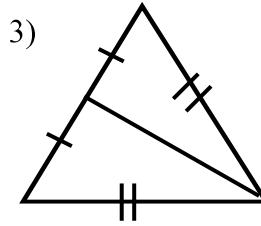
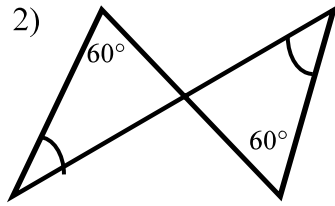
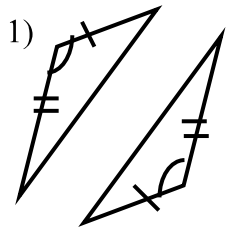


Triangle Congruence Postulates 2
Geometry

If the triangles are congruent, name the postulate(s) that prove it.

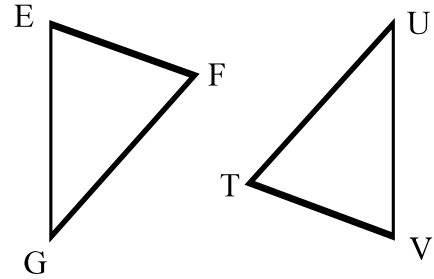


We want to know if $\triangle EFG \cong \triangle TVU$.

9) We know that $\angle G \cong \angle U$. What other information would make it possible to use SAS?

10) We know that $\overline{EF} \cong \overline{TV}$. What other information would make it possible to use ASA?

11) We know that $\overline{GE} \cong \overline{UV}$. What other information would make it possible to use SSS?



Use congruence markings to show the congruent parts in each triangle, then fill in the blanks.

12) B is the midpoint of \overline{AC} . $\angle E \cong \angle D$, and $\angle A \cong \angle DBC$.

$\triangle EAB \cong$ _____ by _____.

13) $\overline{SV} \cong \overline{SW}$, $\overline{RV} \cong \overline{TW}$. $\angle V \cong \angle W$.

$\triangle VSR \cong$ _____ by _____.

14) $\angle K \cong \angle M$, L is the midpoint of \overline{KM} .

$\triangle LJK \cong$ _____ by _____.

