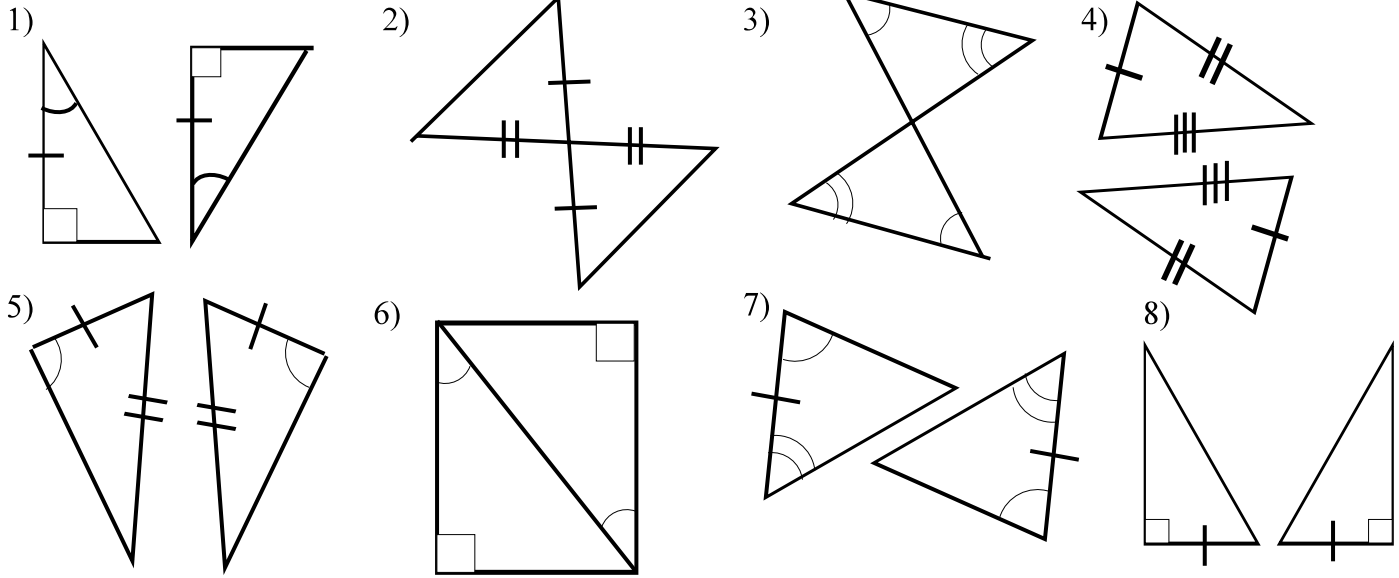


Triangle Congruence Postulates 4
Geometry

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

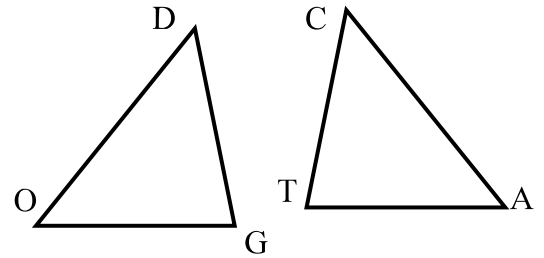


We want to know if $\triangle DOG \cong \triangle CAT$.

9) We know that $\angle O \cong \angle A$. What other information would make it possible to use AAS?

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

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



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

12) Opposite sides of a rectangle are always congruent.

$\triangle OCT \cong$ _____ by _____
or by _____.

13) J is the midpoint of both \overline{HL} and \overline{KI} .

$\triangle HJI \cong$ _____ by _____.

14) \overline{XZ} bisects both $\angle VXY$ and $\angle VZY$.

$\triangle VXZ \cong$ _____ by _____.

