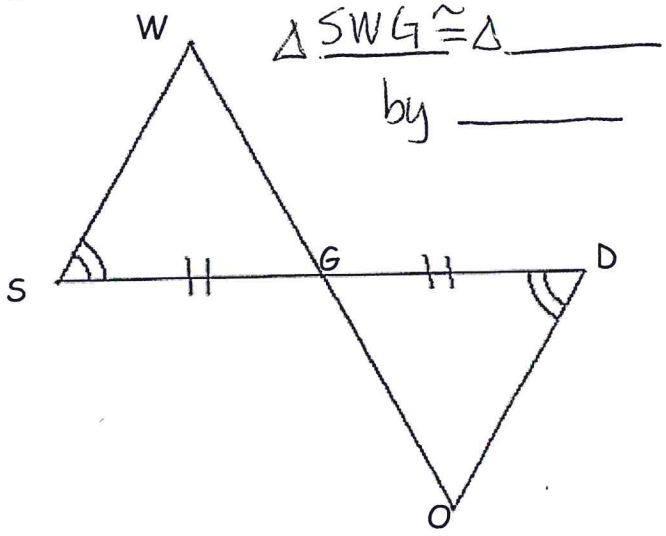
Notes: How to determine if/why two given triangles are congruent given some congruence marks or information about the triangles:

1) Mark any shared sides congruent (with a different number of hatch marks).
2) Mark any vertical angles congruent.
3) Look for at least three sets of congruence marks. Determine if SSS, SAS, ASA, or SAA (refer to pink sheet.)
4) Name the two congruent triangles in a congruence statement ($\Delta ABC \cong \Delta XYZ$), making sure that you put the corresponding angles in the same location in the name. HW #4 is helpful.

Remember that there are 6 corresponding parts of congruent triangles (3 angles and 3 sides). If you used three of them to say that the triangles are congruent (EX: SSS), then how many more corresponding parts are now congruent that were not marked? Circle one: 1 2 3

Definition of congruent polygons:
polygons with corresponding sides
and corresponding angles congruent

For the triangles on the right: Circle one: YES/NO
1) Determine if/why congruent.
2) Write a congruence statement.
3) Explain how you figured this out using words and symbols.
4) Then explain why $\overline{SW} \cong \overline{DO}$.



$\Delta SWG \cong \Delta$ _____
by _____

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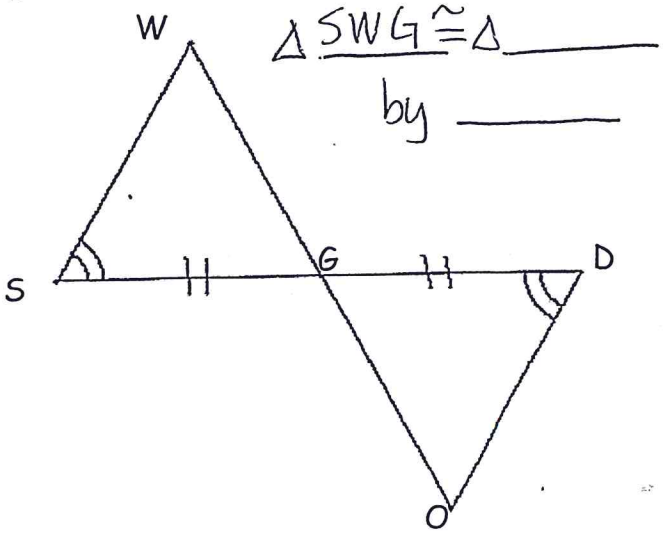

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