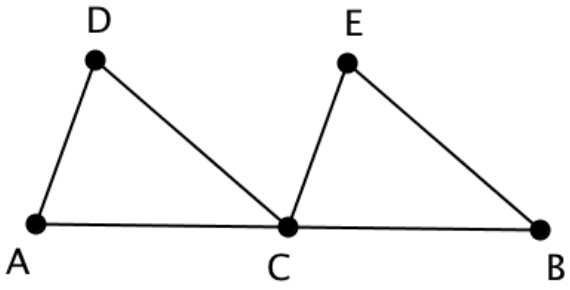
Geometry Name: _____

HW 3.10 Decisions, Decisions..

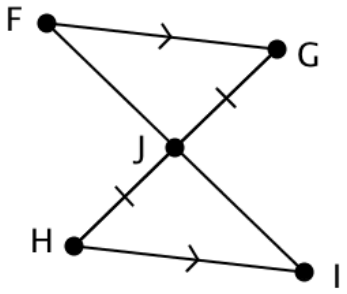
Hint: Read the directions!!

Decide if the two triangles are congruent. Be sure to consider the congruency shortcuts: SSS, SAS, ASA, and AAS. *You may need to use what you know about triangles and angles to fill in some of the missing information.* Be sure to **fully justify** your decision.

1. If $\overline{AD} \cong \overline{CE}$, $\overline{DC} \cong \overline{EB}$, and C is the midpoint of AB are the two triangles congruent? Why or why not?



2. If *FG* ‖ *HI* and $\overline{HJ} \cong \overline{JG}$ are the two triangles congruent? Why or why not?



3. If $\overline{MN}$ is the perpendicular bisector of $\overline{KL}$ are the two triangles congruent? Why or why not?