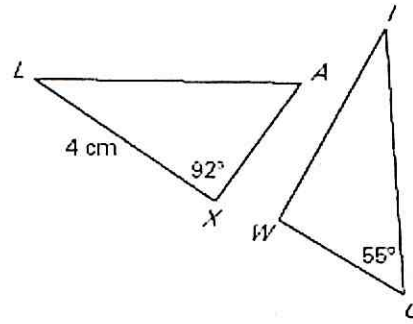


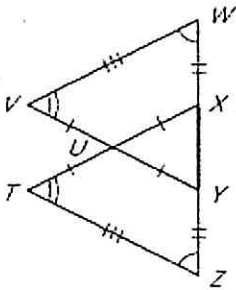
In the diagram, $\triangle ALX \cong \triangle GIW$. Complete the statement.

1. $\overline{LX} \cong$?
2. $\angle I \cong$?
3. $\angle A \cong$?
4. $m\angle I =$?
5. $IW =$?
6. $\triangle LAX \cong$?

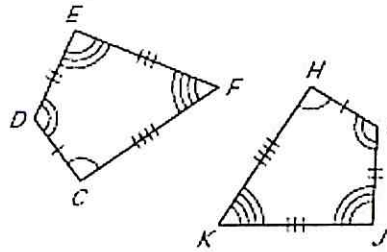


Write a congruence statement for any figures that can be proved congruent. Explain your reasoning.

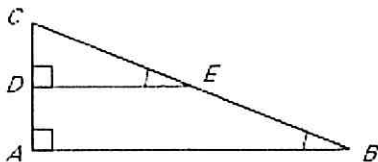
7.



8.



- 9) **Error Analysis** A fellow student says that $\triangle ABC \cong \triangle DEC$ because the corresponding angles of the triangles are congruent. Describe the error in this statement.



- 10) Suppose $\triangle RST \cong \triangle UVW \cong \triangle XYZ$, $m\angle R = 55^\circ$, and $m\angle V = 45^\circ$. What is $m\angle Z$?