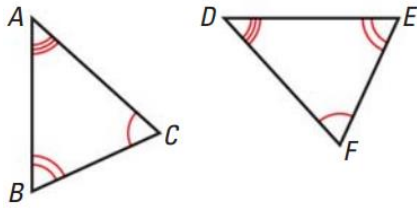


1. $\triangle ABC \cong \triangle DEF$.



Identify all pairs of congruent corresponding parts.

_____ \cong _____ _____ \cong _____
 _____ \cong _____ _____ \cong _____
 _____ \cong _____ _____ \cong _____

Write another valid congruence statement for the figure.

_____ \cong _____

In the diagram, $\triangle XYZ \cong \triangle MNL$. Complete the statement.

2. $m\angle Y =$ _____

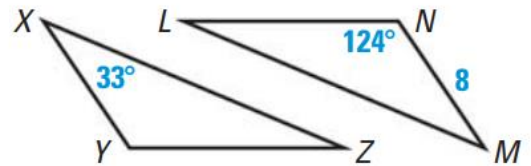
3. $m\angle M =$ _____

4. $YX =$ _____

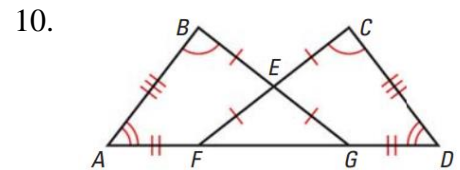
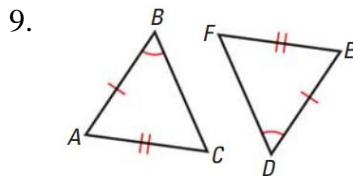
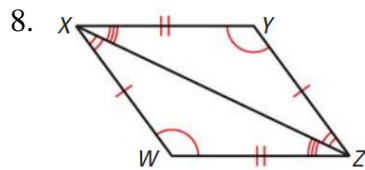
5. $\overline{YZ} \cong$ _____

6. $\triangle LNM \cong$ _____

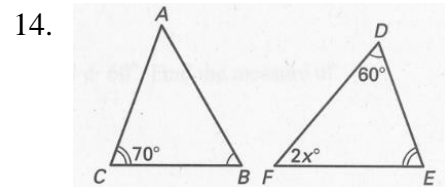
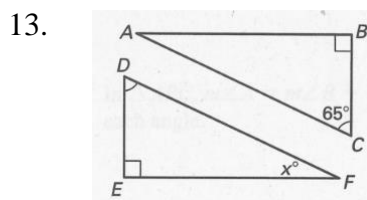
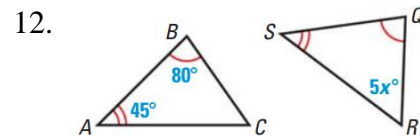
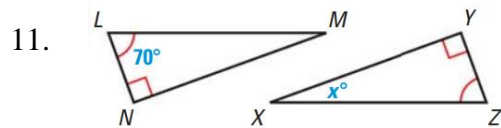
7. $\triangle YXZ \cong$ _____



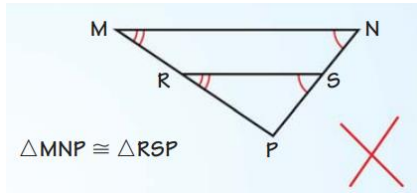
Write a congruence statement for any figures that can be proved congruent. **Explain your reasoning.**



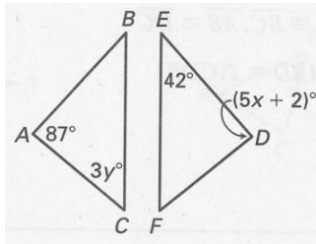
Find the value of x .



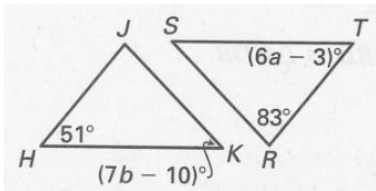
15. A student says that $\triangle MNP \cong \triangle RSP$ because the corresponding angles of the triangles are congruent. Describe the error in this statement.



16. **Given:** $\triangle ABC \cong \triangle DEF$, find the values of x and y .



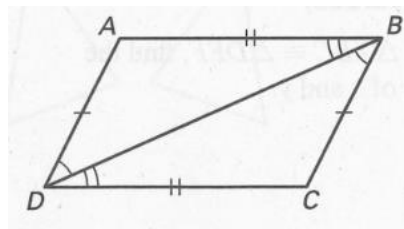
17. **Given:** $\triangle HJK \cong \triangle TRS$, find the values of a and b .



18. Prove.

Given: Get information from diagram

Prove: $\triangle ABD \cong \triangle CDB$



Statement	Reason
1. _____	1. _____
1. _____	_____
2. _____	2. _____
3. _____	3. _____
4. _____	4. _____