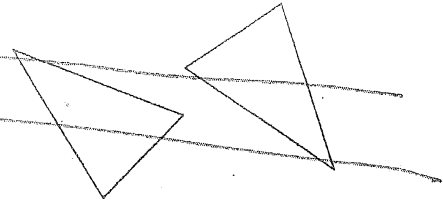


Practice C

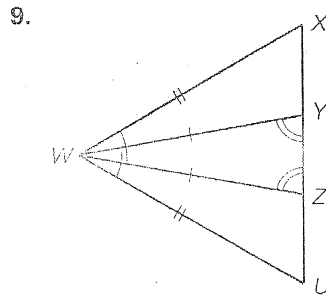
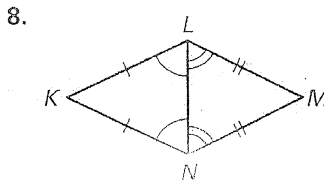
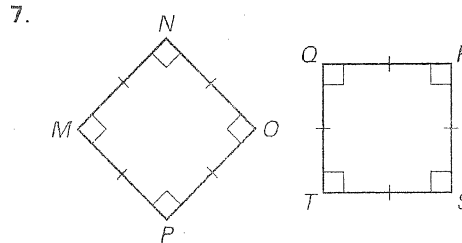
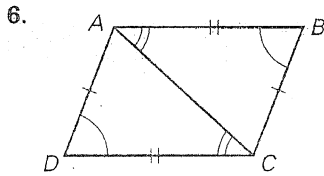
1. Copy the congruent triangles shown at the right. Then label the vertices of your triangles so that $\triangle YDB \cong \triangle SUR$. Identify all pairs of congruent corresponding angles and corresponding sides.



Complete this statement.

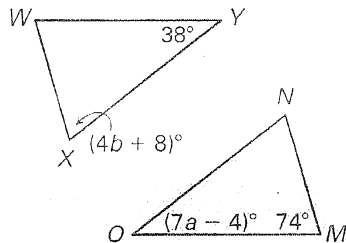
2. If $\triangle PMC \cong \triangle VTK$, then $\overline{PC} \cong$ _____ 3. If $\triangle LFA \cong \triangle VEN$, then $\angle E \cong$ _____
 4. If $\triangle DCN \cong \triangle WBL$, then $\overline{BW} \cong$ _____ 5. If $\triangle ABD \cong \triangle CDB$, then $\triangle DAB \cong$ _____

Identify any figures that can be proved congruent. Explain your reasoning. For those that can be proved congruent, write a congruence statement.

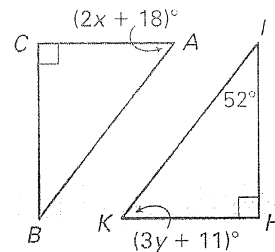


In Exercises 10 and 11, use the given information to find the indicated values.

10. Given $\triangle WXY \cong \triangle MNO$, find the values of a and b .



11. Given $\triangle CBA \cong \triangle HKI$, find the values of x and y .



12. Write a proof.

Given: $\overline{AD} \parallel \overline{BC}$, $\overline{AB} \parallel \overline{DC}$, $\overline{AD} \cong \overline{BC}$, $\overline{AB} \cong \overline{DC}$

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

