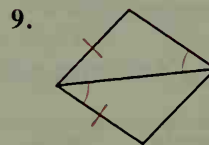
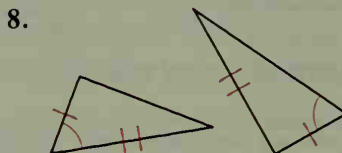
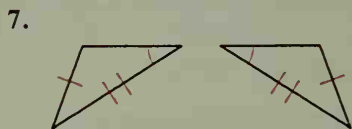
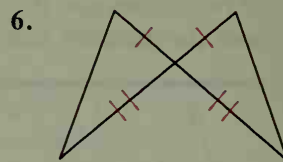
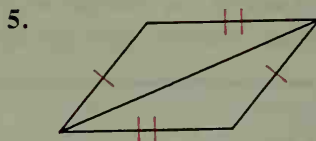
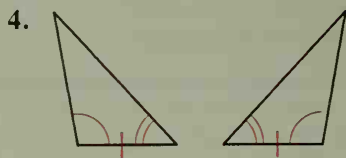


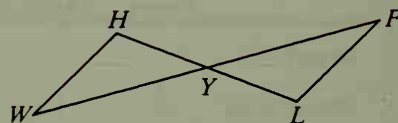
Can the two triangles be proved congruent? If so, what postulate can be used?



10. Explain how you would prove the following.

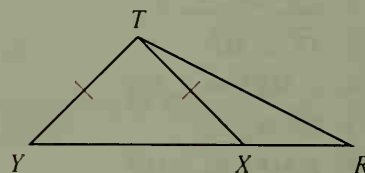
Given: $\overline{HY} \cong \overline{LY}$;
 $\overline{WH} \parallel \overline{LF}$

Prove: $\triangle WHY \cong \triangle FLY$



11. a. List two pairs of congruent corresponding sides and one pair of congruent corresponding angles in $\triangle YTR$ and $\triangle XTR$.

b. Notice that, in each triangle, you listed two sides and a *nonincluded* angle. Do you think that SSA is enough to guarantee that two triangles are congruent?



Written Exercises

Decide whether you can deduce by the SSS, SAS, or ASA Postulate that another triangle is congruent to $\triangle ABC$. If so, write the congruence and name the postulate used. If not, write *no congruence can be deduced*.

