

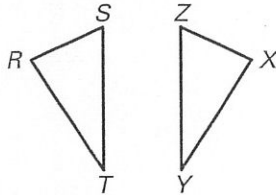
LESSON
4.7

Practice A

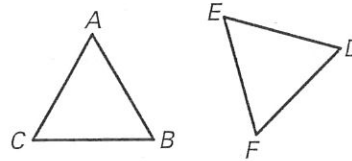
For use with the lesson "Use Congruent Triangles"

List all of the pairs of angles and sides that are congruent based on the given congruence statement and the figure.

1. $\triangle RST \cong \triangle XZY$

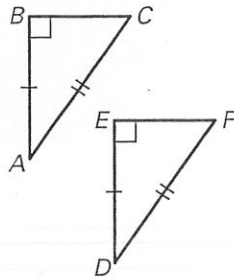


2. $\triangle ABC \cong \triangle DEF$

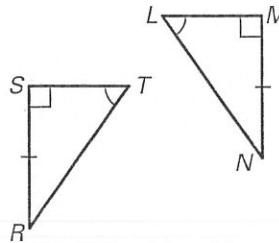


Tell which triangles you can show are congruent in order to prove the statement. What postulate or theorem would you use?

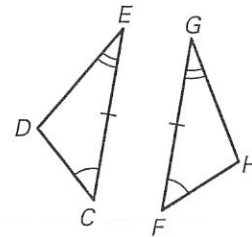
3. $\angle C \cong \angle F$



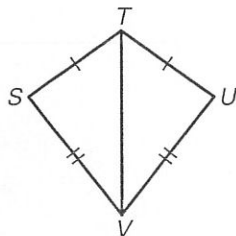
4. $\overline{RT} \cong \overline{LN}$



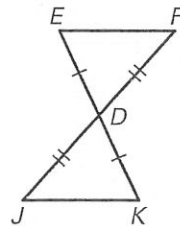
5. $\angle D \cong \angle H$



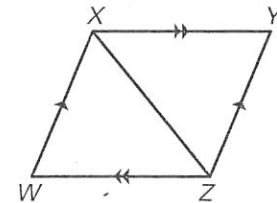
6. $\angle STV \cong \angle UTV$



7. $\overline{EF} \cong \overline{KJ}$

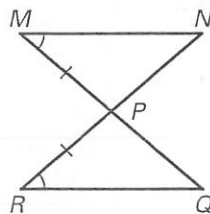


8. $\overline{XY} \cong \overline{ZW}$

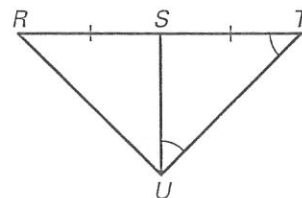


Is enough information given in the figure to show that the given statement is true? Explain.

9. $\angle N \cong \angle Q$



10. $\overline{RU} \cong \overline{TU}$



11. $\overline{FG} \cong \overline{HE}$

