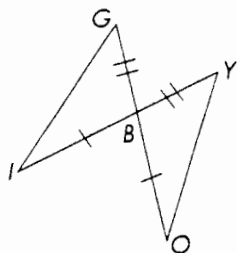


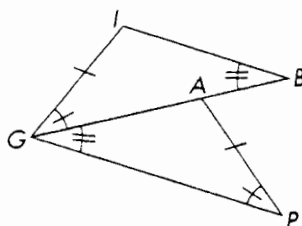
EXERCISE SET 10E

In each problem, use your triangle congruence shortcuts and the information given in the diagram to decide if the two triangles are congruent. If they are, complete the congruence statement and name the shortcut that you used to justify your conclusion. If the two triangles cannot be shown to be congruent based on the information given, write *cannot be determined*, and draw a figure using the given information showing noncongruent triangles.

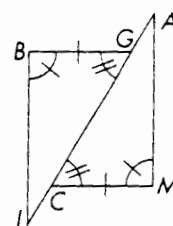
1.  $\triangle BIG \cong \triangle$  \_\_\_\_\_



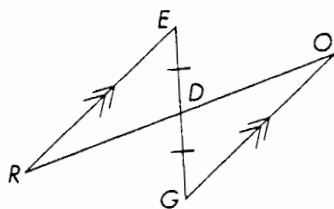
2.  $\triangle BIG \cong \triangle$  \_\_\_\_\_



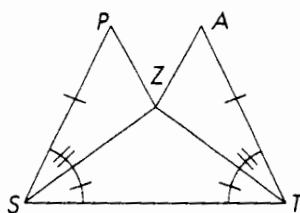
3.  $\triangle BIG \cong \triangle$  \_\_\_\_\_



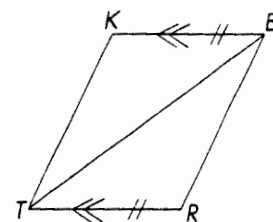
4.  $\triangle RED \cong \triangle$  \_\_\_\_\_



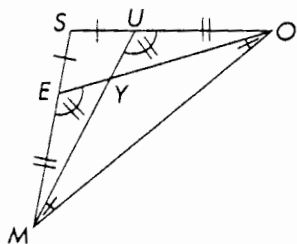
5.  $\triangle PSZ \cong \triangle$  \_\_\_\_\_



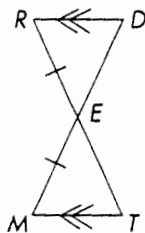
6.  $\triangle TRE \cong \triangle$  \_\_\_\_\_



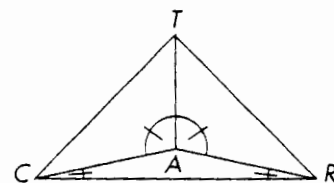
7.  $\triangle MEY \cong \triangle$  \_\_\_\_\_



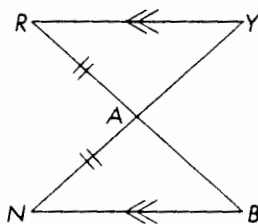
8.  $\triangle RED \cong \triangle$  \_\_\_\_\_



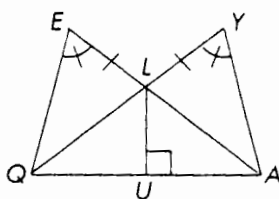
9.  $\triangle CAT \cong \triangle$  \_\_\_\_\_



10.  $\triangle RAY \cong \triangle$  \_\_\_\_\_



11.  $\triangle LUQ \cong \triangle$  \_\_\_\_\_



12.  $\triangle GOY \cong \triangle$  \_\_\_\_\_

