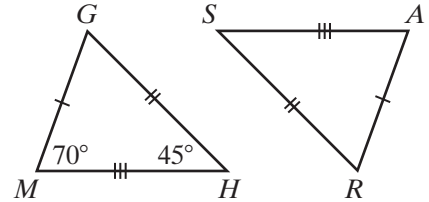


# Practice 9-5

Congruence

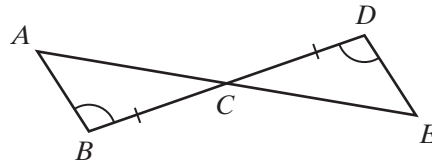
Given that  $\triangle GHM \cong \triangle RSA$ , complete the following.

1.  $\overline{GH} \cong$  \_\_\_\_\_
2.  $\overline{AS} \cong$  \_\_\_\_\_
3.  $\angle S \cong$  \_\_\_\_\_
4.  $\angle M \cong$  \_\_\_\_\_
5.  $\overline{AR} \cong$  \_\_\_\_\_
6.  $\angle R \cong$  \_\_\_\_\_
7.  $m\angle A =$  \_\_\_\_\_
8.  $m\angle G =$  \_\_\_\_\_



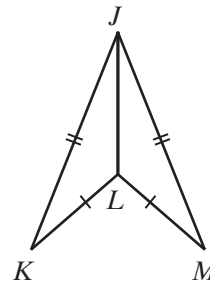
List the congruent corresponding parts of each pair of triangles. Write a congruence statement for the triangles.

9. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



\_\_\_\_\_ by \_\_\_\_\_

10. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



\_\_\_\_\_ by \_\_\_\_\_

Given that  $\triangle HPKT \cong \triangle BEWL$ , complete the following.

11.  $\overline{PK} \cong$  \_\_\_\_\_
12.  $\angle L \cong$  \_\_\_\_\_
13.  $\angle KPH \cong$  \_\_\_\_\_
14.  $\overline{LB} \cong$  \_\_\_\_\_
15.  $\overline{EB} \cong$  \_\_\_\_\_
16.  $\angle PHT \cong$  \_\_\_\_\_

17. Explain why the pair of triangles is congruent. Then, find the missing measures.

\_\_\_\_\_

