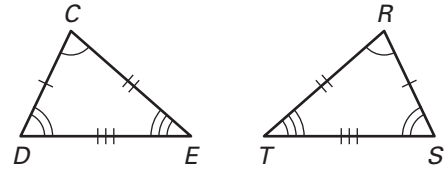


**Practice B**

For use with pages 233–239

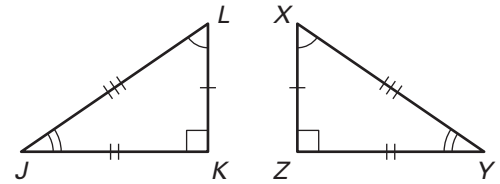
Determine whether the given angles or sides are *corresponding angles, corresponding sides, or neither*.

1.  $\angle C$  and  $\angle S$
2.  $\overline{SR}$  and  $\overline{DE}$
3.  $\overline{CE}$  and  $\overline{RT}$
4.  $\angle D$  and  $\angle S$
5.  $\overline{DE}$  and  $\overline{ST}$
6.  $\angle E$  and  $\angle T$



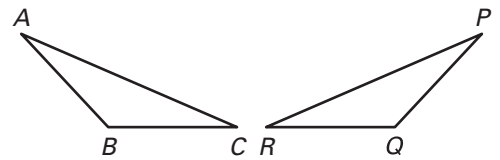
The triangles at the right are congruent.

7. Identify all corresponding congruent angles.
8. Identify all corresponding congruent sides.
9. Write a congruence statement.



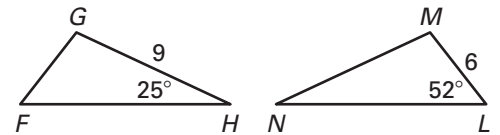
In the diagram at the right,  $\triangle ABC \cong \triangle PQR$ .

10. Mark every angle of the triangles to show the corresponding congruent angles.
11. Mark every side of the triangles to show the corresponding congruent sides.

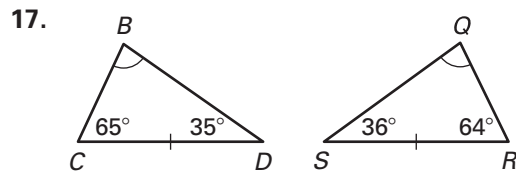
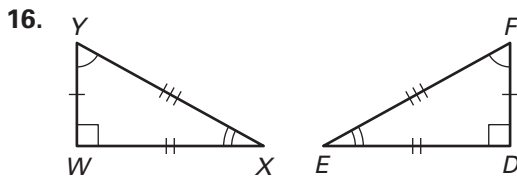


In the diagram at the right,  $\triangle FGH \cong \triangle LMN$ .

12. Find the length of  $\overline{MN}$ .
13. Find the length of  $\overline{GF}$ .
14. Find  $m\angle N$ .
15. Find  $m\angle F$ .



Determine whether the triangles are congruent. If so, write a congruence statement.



In the sketch of two coat hangers shown at the right,  $\triangle ABC \cong \triangle DEF$ . Find the missing length or angle measure.

18.  $m\angle D = \underline{\quad ? \quad}$
19.  $BC = \underline{\quad ? \quad}$
20.  $m\angle C = \underline{\quad ? \quad}$

