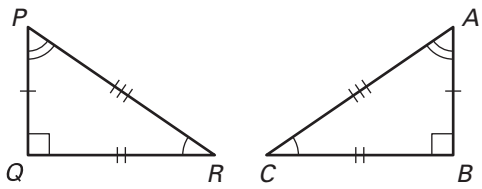
LESSON 5.1

NAME _____ DATE _____

Practice A

For use with pages 233–239

Given that $\triangle PQR \cong \triangle ABC$, match the corresponding congruent parts.



1. $\overline{PR}$	**A.** $\angle B$
2. $\angle Q$	**B.** $\angle R$
3. $\overline{AB}$	**C.** $\angle A$
4. $\angle C$	**D.** $\overline{AC}$
5. $\overline{CB}$	**E.** $\overline{RQ}$
6. $\angle P$	**F.** $\overline{PQ}$

In Exercises 7–12, determine whether the given angles or sides are *corresponding angles*, *corresponding sides*, or *neither*.

7. $\overline{LK}$ and $\overline{WY}$

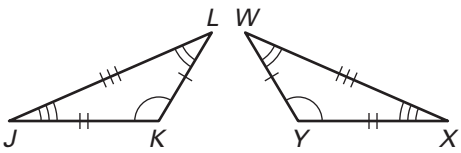
8. $\angle J$ and $\angle W$

9. $\overline{JL}$ and $\overline{YX}$

10. $\angle K$ and $\angle Y$

11. $\angle J$ and $\angle X$

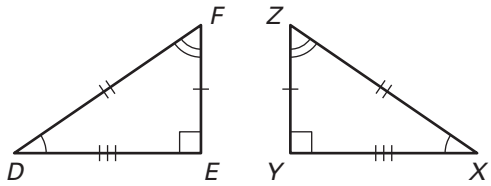
12. $\overline{WX}$ and $\overline{LJ}$



13. Determine which of the following is a correct congruence statement for the triangles in Exercises 7–12. There is only one correct answer.

A. $\triangle LKJ \cong \triangle WXY$ **B.** $\triangle LJK \cong \triangle WYX$ **C.** $\triangle KJL \cong \triangle YXW$

Use the diagram at the right.

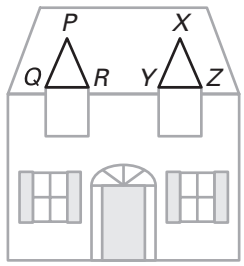


14. List all corresponding congruent angles.

15. List all corresponding congruent sides.

16. Are the triangles congruent? If so, write a congruence statement.

In the drawing of a house at the right, $\triangle PQR \cong \triangle XZY$.



17. Use the order of the letters in the congruence statement above to list all corresponding congruent angles.

18. Use the order of the letters in the congruence statement above to list all corresponding congruent sides.