5.1 **Notetaking with Vocabulary** (continued)
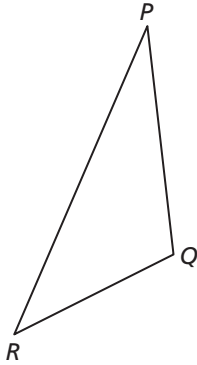
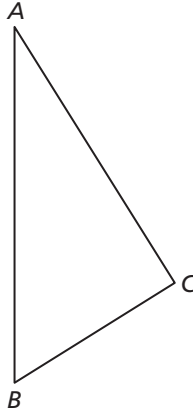## Extra Practice

In Exercises 1–3, classify the triangle by its sides and by measuring its angles.

1.

2.

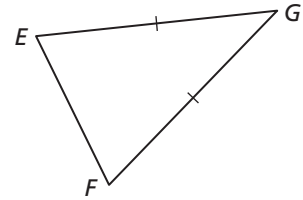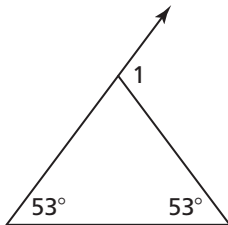**3.**

4. Classify $\triangle ABC$ by its sides. Then determine whether it is a right triangle.
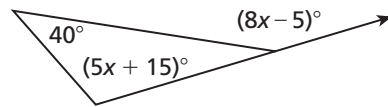 $A(6, 6)$, $B(9, 3)$, $C(2, 2)$

In Exercises 5 and 6, find the measure of the exterior angle.

5.

6.

7. In a right triangle, the measure of one acute angle is twice the sum of the measure of the other acute angle and 30. Find the measure of each acute angle in the right triangle.