

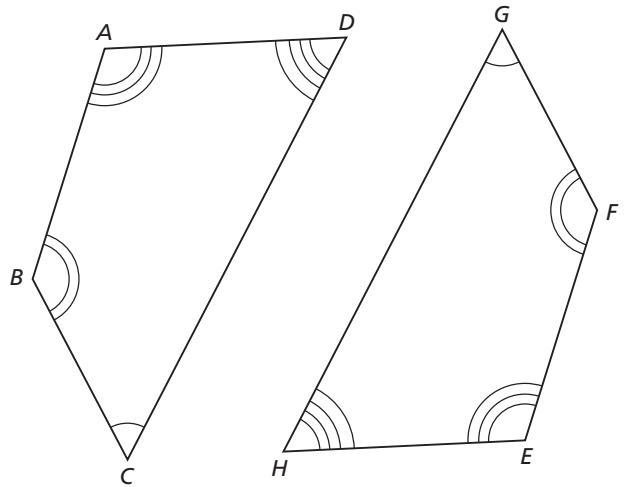
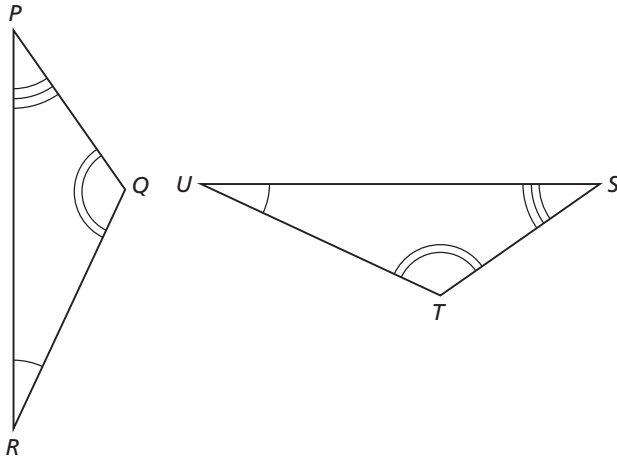
**5.2** Notetaking with Vocabulary (continued)

**Extra Practice**

In Exercises 1 and 2, identify all pairs of congruent corresponding parts. Then write another congruence statement for the polygons.

1.  $\triangle PQR \cong \triangle STU$

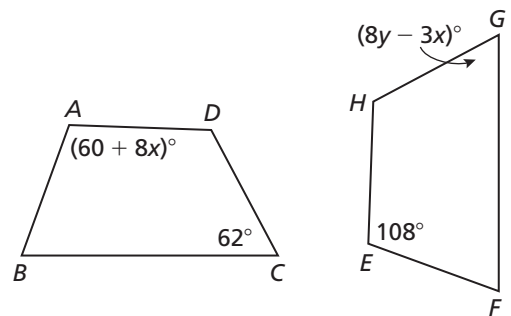
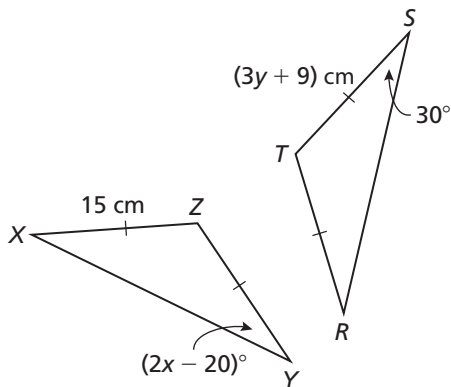
2.  $ABCD \cong EFGH$



In Exercises 3 and 4, find the values of  $x$  and  $y$ .

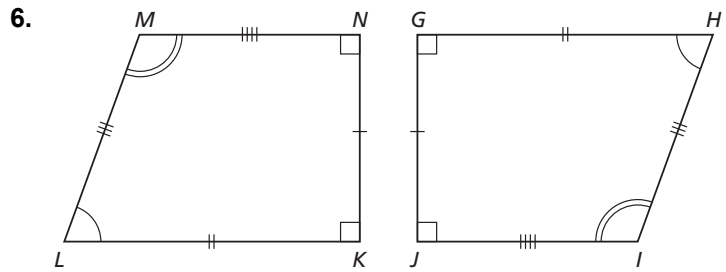
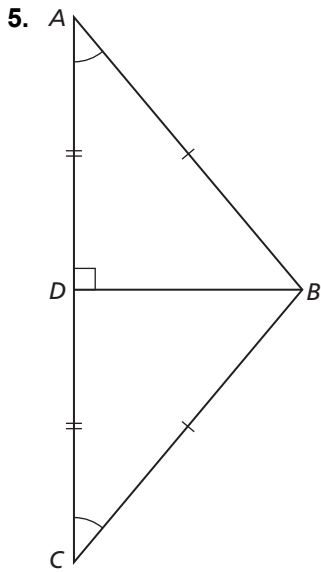
3.  $\triangle XYZ \cong \triangle RST$

4.  $ABCD \cong EFGH$



**5.2** Notetaking with Vocabulary (continued)

In Exercises 5 and 6, show that the polygons are congruent. Explain your reasoning.



In Exercises 7 and 8, find  $m\angle 1$ .

