

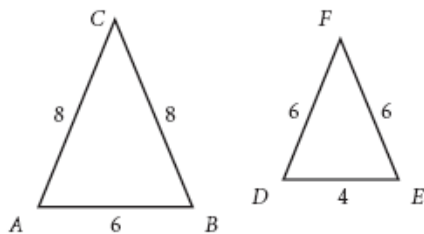


Practice Masters Level A

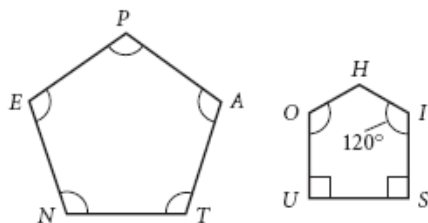
8.2 Similar Polygons

In Exercises 1–4, determine whether the polygons are similar. Explain your reasoning. If the polygons are similar, write a similarity statement.

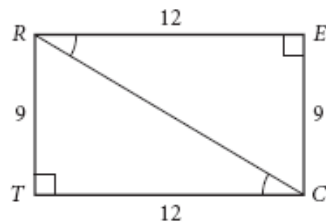
1.



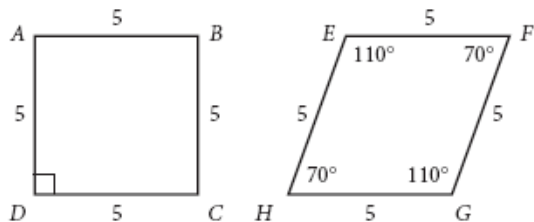
2.



3.

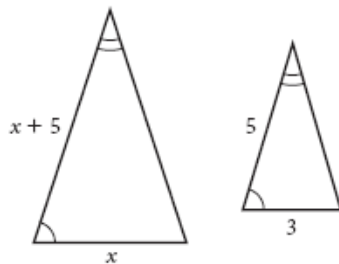


4.

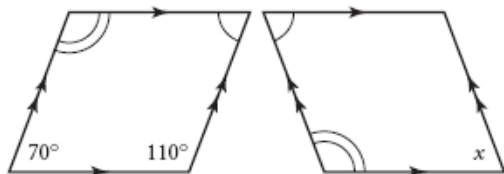


In Exercises 5 and 6, the polygons in each pair are similar. Find x .

5.



6.



Solve each proportion for y .

$$7. \frac{3y}{4.1} = \frac{6}{5}$$

$$8. \frac{36}{y+2} = \frac{24}{y}$$
