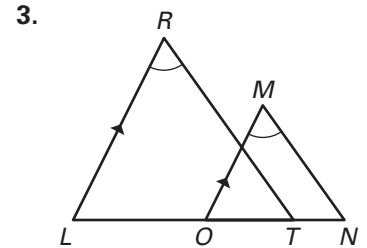
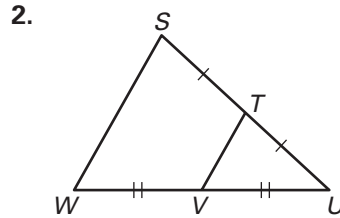
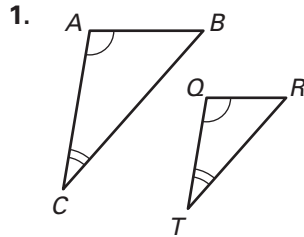


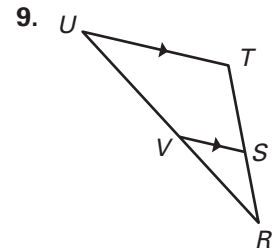
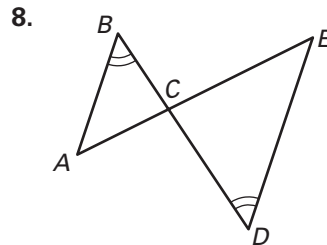
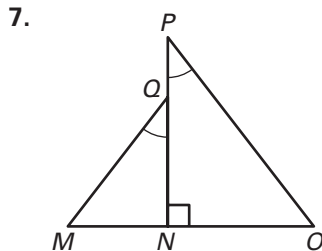
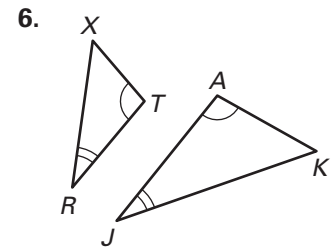
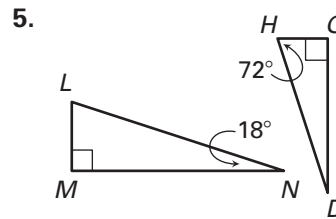
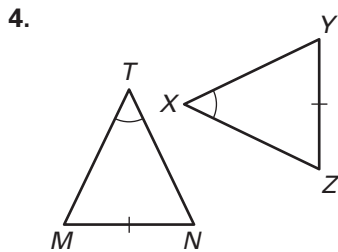
Practice C

For use with pages 480–487

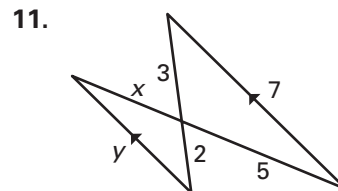
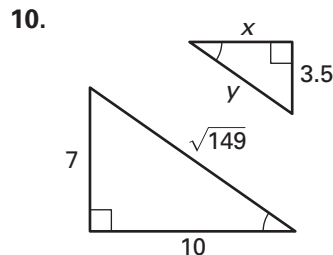
The triangles shown are similar. List all the pairs of congruent angles and write the statement of proportionality.



Determine whether the triangles can be proved similar. If they are similar, write a similarity statement. If they are not similar, explain why.



The triangles are similar. Find the value of the variables.



Write a paragraph or a two-column proof.

12. **Given:** $\triangle ABC$ is a right triangle.

$\overline{AD}$ is an altitude.

Prove: $\triangle ABC \sim \triangle DAC$

