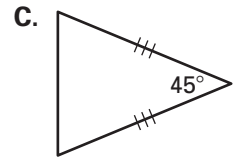
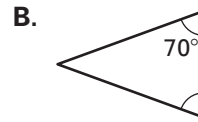
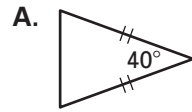
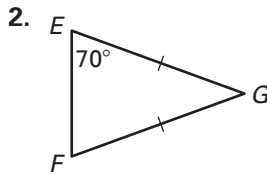
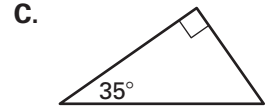
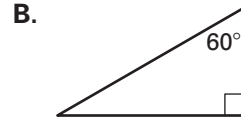
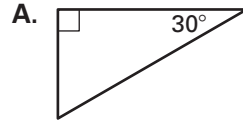
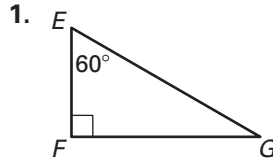


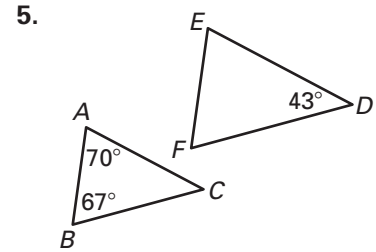
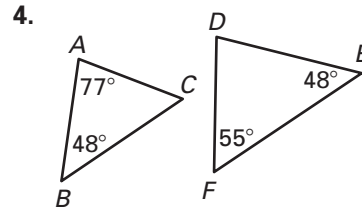
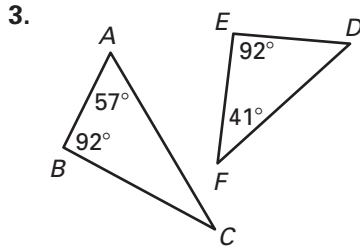
Practice A

For use with pages 480–487

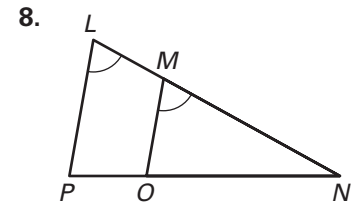
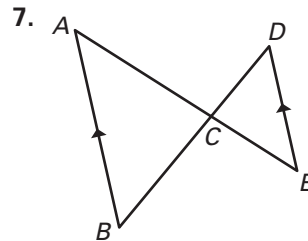
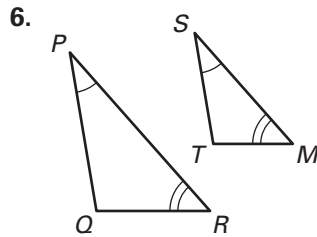
Which triangles are similar to $\triangle EFG$? Explain.



Decide whether $\triangle ABC$ and $\triangle DEF$ are similar, not similar, or cannot be determined for the given information.

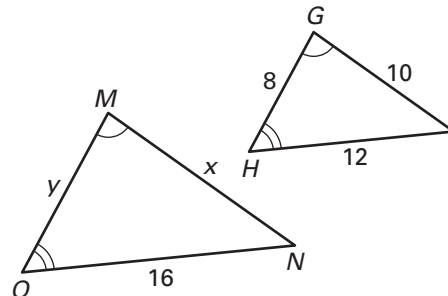


The triangles shown are similar. List all the pairs of congruent angles and write the statement of proportionality.



Use the diagram to complete the following.

9. $\triangle MON \sim \underline{\quad? \quad}$
10. $\frac{MN}{?} = \frac{ON}{?} = \frac{MO}{?}$
11. $\frac{16}{?} = \frac{?}{10}$
12. $\frac{?}{16} = \frac{8}{?}$



13. Solve for x and y .